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IN REPLY REFER TO:

DEP-HAR.25.0429

September 26, 2024

TO: JAMES KUNANE TOKIOKA, DIRECTOR
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM

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

FROM: EDWIN H. SNIFFEN 
DIRECTOR OF TRANSPORTATION

SUBJECT: FINAL ENVIRONMENTAL ASSESSMENT AND FINDING OF NO
SIGNIFICANT IMPACT, PRIVATE LANDS ACQUISITION AND
DEVELOPMENT,
HILO HARBOR PROJECT

The State of Hawai'i, Department of Transportation (HDOT) hereby submits this Final Environmental Assessment and Finding of No Significant Impact (FEA-FONSI) determination for the proposed Private Lands Acquisition and Development, Hilo Harbor Project. As the Proposing Agency, HDOT has determined that the Proposed Action would not have a significant impact on the environment under Hawai'i Revised Statutes, Chapter 343 and Hawai'i Administrative Rules (HAR), Title 11-200.1. The reasons supporting this determination are based on the information contained in this FEA-FONSI, review of public and agency comments received, and review of the project's effects in relation to the significance criteria prescribed under HAR §11-200.1-13.

The HDOT Harbors is seeking to purchase five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor. These parcels are proposed for acquisition to allow improvements to be implemented supporting their efforts to help alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within the Harbor.

Please publish notice of this FEA-FONSI's availability in the next edition of the Office of Planning and Sustainable Development, Environmental Review Program's (ERP) *The Environmental Notice*. A copy of the FEA-FONSI along with online submission requirements have been submitted via ERP's website. Should you have any questions, please contact Ms. DreanaLee K. Kalili, Deputy Director of Transportation for Harbors, at (808) 587-3651 or by email at dreanalee.k.kalili@hawaii.gov, or our consultant Mr. Ronald A. Sato, AICP of Bowers+Kubota Consulting, Inc. at (808) 521-5361 or email at rsato@bowersandkubota.com.

From: webmaster@hawaii.gov
To: [DBEDT OPSD Environmental Review Program](#)
Subject: New online submission for The Environmental Notice
Date: Monday, October 7, 2024 11:27:37 AM

Action Name

Private Lands Acquisition and Development, Hilo Harbor Project

Type of Document/Determination

Final environmental assessment and finding of no significant impact (FEA-FONSI)

HRS §343-5(a) Trigger(s)

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

Judicial district

South Hilo, Hawai'i

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

(3) 2-01-007: 004, 005 and 046
(3) 2-01-009: 003 and 004

Action type

Agency

Other required permits and approvals

NPDES Permit, Chapter 6E, HRS Review, Permit to Perform Work Upon State Highways, County Plan Approval, Demolition Permit, Grading, Grubbing and Stockpiling Permit, Building Permit, Permit to Work within the County Right-of-Way

Proposing/determining agency

State Department of Transportation, Harbors Division

Agency contact name

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[Map It](#)

Is there a consultant for this action?

Yes

Consultant

Bowers and Kubota Consulting, Inc.

Consultant contact name

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(808) 829-9387

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2153 North King Street, Suite 200
Honolulu, Hawaii 96819
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[Map It](#)

Action summary

The State Department of Transportation, Harbors is proposing to acquire five privately-owned parcels that total about 9.38 acres of land. These parcels are contiguous to the Harbor's existing facilities and situated along Kalaniana'ole Street in the Hilo district on the island of Hawaii. The acquisition of parcels would allow for the expansion of their Hilo Harbor facility so that improvements can be made to help alleviate traffic congestion and improve mobility along a section of that street. The parcels would also provide increased cargo yard area to support operations. The acquired properties would be utilized to create a new stacking and storage lanes for semi-trailers, create a ground transportation staging area, include other roadway improvements, increase yard space for interisland and overseas cargo operations, and other accessory improvements.

Reasons supporting determination

A FONSI determination has been issued for this Project based upon the assessment results and information provided in the Final EA document. The findings supporting this determination are based upon evaluation of the 13 Significance Criteria and are discussed in Chapter 8 of the document.

Attached documents (signed agency letter & EA/EIS)

- [DOTH-Hilo-Lands-Final-EA-Sep-2024.pdf](#)
- [DEP-HAR.25.0429-Memo-to-DBEDT-DIR-Hilo-Harbor-FEA-FONSI.pdf](#)

Shapefile

- The location map for this Final EA is the same as the location map for the associated Draft EA.

Action location map

- [Hilo-Harbor-Project-Location.zip](#)

Authorized individual

Ronald A. Sato, AICP

Authorization

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

PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO HARBOR PROJECT

FINAL Environmental Assessment
Finding of No Significant Impact

SEPTEMBER 2024



Prepared for :
State of Hawai'i
Department of Transportation, Harbors



Bowers+Kubota Consulting, Inc.

PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO HARBOR PROJECT

FINAL Environmental Assessment
Finding of No Significant Impact

SEPTEMBER 2024



Prepared for:
State of Hawai'i
Department of Transportation, Harbors



Prepared by:
Bowers+Kubota Consulting, Inc.



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- A-3 Draft EA Comments and Responses**

APPENDIX BPhotos of Project Area

APPENDIX C Avian and Terrestrial Mammalian Species Surveys

*A Natural Resources Assessment for Proposed Hilo Port Land Acquisition
Island of Hawai‘i
June 2022
Prepared by: AECOS, Inc.*

Appendix

Appendix D.....Archaeological Literature Review and Field Inspection

*Literature Review and Field Inspection for the Hawai‘i Department of
Transportation, Harbors Division (HDOTH) Private Land Acquisition
Project at Hilo Harbor*

May 2022

Prepared by: Nohopapa Hawai‘i, LLC

Appendix E.....Phase 1 Environmental Site Assessment

*Phase 1 Environmental Site Assessment; RFP Project No. HAR-PM SW-2020-002
August 2022*

Prepared by: Element Environmental, LLC

Appendix F.....Transportation Study

Hilo Harbor Private Land Acquisition Transportation Study

June 2023

Prepared by: Fehr and Peers

CHAPTER 1 INTRODUCTION AND BACKGROUND

The State of Hawai‘i (State), Department of Transportation, Harbors (DOTH) is seeking to purchase five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor (“Harbor”). These parcels are proposed for acquisition to allow improvements to be implemented supporting DOTH’s efforts to help alleviate existing traffic congestion along Kalaniana‘ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within the Harbor. This project is referred to as the “Private Lands Acquisition and Development, Hilo Harbor Project.”

The marine cargo industry is a critical component of Hawai‘i’s economy and is described as the economic lifeline to the islands. The DOTH is responsible for operating state-owned harbor facilities used by commercial cargo, passenger, and fishing operations. Ocean transportation provides the lowest mean cost and most energy efficient manner of transporting cargo in and out of the state between the continental U.S., foreign countries, residents, and businesses.¹ For example, an annual average of 12.8 million tons of marine cargo was shipped into Hawai‘i between 2001 and 2016.²

Hawai‘i’s marine cargo industry supports every facet of the state’s local economy, including energy supply, interstate commerce and global trade. Eighty-five percent of all the state’s consumer goods are imported and 91 percent of this cargo flows through the state’s commercial harbor system³. For neighbor islands, cargo is transshipped using a hub-and-spoke distribution system through Honolulu Harbor. No other state in the country depends on a marine highway to ship cargo to the extent that Hawai‘i does. Hawai‘i’s harbors and ports are thus the lifeline of Hawai‘i’s communities.

Acquisition of the parcels allows the DOTH to implement improvements using these lands to help alleviate traffic congestion along Kalaniana‘ole Street fronting the Harbor, improve access into and out from the Harbor, and support cargo operations. This would be accomplished by creating semi-trailer stacking and merge lanes, a ground transportation staging area for cruise ship passengers, associated roadway improvements, and other accessory improvements using the new properties. The parcels would also improve safety by separating cargo from cruise passenger operations at Harbor access points. In addition, the acquisition of the parcels provides additional cargo operational space for the movement of container operations within the cargo yard. Table 1.1 provides a summary of pertinent project information.

¹ State of Hawai‘i Department of Transportation, Harbors Division. *Hawai‘i Island Commercial Harbors, 2035 Master Plan Update*. August 2011.

² State of Hawai‘i, Research and Economic Analysis Division (READ) of DBEDT. *Marine Cargo and Waterborne Commerce in Hawaii’s Economy. Trends and Patterns in Hawai‘i Marine Cargo 2001-2016*. May 2019.

³ State of Hawai‘i, Department of Transportation, Harbors Division. *Honolulu Harbor 2050 Master Plan*. November 2022.

Table 1.1 Summary of Project Information	
Project Name:	State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project
Approving Agency: State Chapter 343, HRS	Mr. Edwin Sniffen, Director Department of Transportation State of Hawai'i 869 Punchbowl Street Honolulu, Hawai'i 96813 Contact: Ms. DreanaLee K. Kalili, Deputy Director Telephone: (808) 587-3651
Preparers of Environmental Assessment:	Bowers + Kubota Consulting, Inc. 2153 North King Street, Suite 200 Honolulu, Hawai'i 96819 Contact: Mr. Ronald A. Sato, AICP, Senior Project Manager Telephone: (808) 829-9387
Project Location:	Hilo Harbor and the parcels proposed for acquisition are located in the South Hilo District within the town of Hilo. This community is situated on the northeast coast of Hawai'i Island. The Harbor property is located along the shoreline within the eastern end of Hilo Bay and below (makai) Kalaniana'ole Street. The five privately-owned parcels are situated along Kalaniana'ole Street between the Harbor facility.
Tax Map Key Parcels:	(3) 2-01-009 (Hilo Harbor includes several parcels under this) <u>Project: Properties Proposed for Acquisition</u> (3) 2-01-007: 004, 005 and 046 (3) 2-01-009: 003 and 004
Project Area:	9.38 acres (5 project properties proposed for acquisition) <u>46.00 acres (approximate existing Hilo Harbor facility)</u> 54.38 acres total (approximate)
Existing Use:	The Hilo Harbor facility includes four piers, harbor yard space, shed areas, office, maintenance, and security buildings that support harbor activities and cargo handling. The five properties to be acquired are industrial and business uses that include auto repair and parts storage, auto detailing, storage facility, retail, a liquid and compressed gas dispenser, and other businesses.
State Land Use District:	Urban District (both Hilo Harbor and properties to acquire)
County General Plan (LUPAG)	Industrial (both Hilo Harbor and properties to acquire)
Communities Plan Land Use Designation:	There is no adopted Community Development Plan for Hilo.

Table 1.1 Summary of Project Information (Continued)	
Special Management Area:	Project site is within the County’s SMA boundary. However, under §266-2(b), HRS, DOTH is permitted to plan, construct, operate, and maintain commercial harbor facilities without County agency approval.
County of Hawai’i Zoning District:	MG-1a, General Industrial District, Minimum 1 acre
Flood Zone Designation:	<p>Hilo Harbor: Zones VE & AE</p> <p>Parcels 2-01-007: 004, 005 and 046: Zone X</p> <p>Parcel 2-01-009: 003: Zone AE</p> <p>Parcel 2-01-009: 004: Zones VE & AE</p> <p>Zone VE – Coastal flood zone with velocity hazard (wave action); Base Flood Elevation Determined</p> <p>Zone AE – 100-year flood zone (base flood elevation determined);</p> <p>Zone X – Areas outside the 500-year floodplain.</p>
Project Summary:	<p>DOTH proposes to acquire and utilize the five parcels to help alleviate traffic congestion that has affected the Keaukaha community of Hilo and support the DOTH’s mission to facilitate the effective and safe movement of people and goods. The project involves using the parcels to improve a section along Kalaniana’ole Street by creating a stacking and merge lane for semi-trailers to move them off of this street and help alleviate traffic congestion and improve mobility near the Harbor area. The acquired parcels along Kalaniana’ole Street between Kūhiō and Kahanu Streets would thus create less obstructed through lanes for traffic traveling east and west of the Harbor. A ground transportation staging area created would allow vehicles supporting cruise ship passengers to relocate off of Kalaniana’ole Street and other nearby areas while waiting or dropping off visitors that contribute to congestion in this area. These improvements also reduce conflicts and increase safety between cruise ship passengers and cargo yard operations.</p> <p>Other parcels would be used to improve access for semi-trailers using Kūmau Street, reduce congestion on that street that may back up onto Kalaniana’ole Street and support interisland cargo operations. Expanding cargo yard space at this interisland terminal will support the efficient and safe flow of cargo at the overseas terminal area helping to decongest interior cargo yards for more efficient movement of container and cargo operations.</p> <p>Once the environmental review process is completed, the project and findings will be submitted to the State Department of Land and Natural Resources (DLNR) for their review. The environmental review and other due diligence conducted are being completed to document the public purpose in acquiring the parcels as provided in</p>

	<p>§171-30, HRS. The environmental review and other work are to support the DLNR’s review and recommendation to the State Board of Land and Natural Resources (BLNR) to approve the acquisition of the parcels on behalf of the State of Hawai‘i. Upon the BLNR’s approval, DOTH will complete acquiring the five parcels. DOTH would then have discussions with existing tenants regarding their leases and future relocation of the properties. The design phase would commence as appropriate based upon these discussions with tenants. The design phase would prepare the construction plans of improvements and involve evaluating whether certain buildings or structures could be reused to support cargo operations. The DOTH would then proceed to initiate construction of the improvements.</p>
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1.1 PURPOSE FOR ENVIRONMENTAL ASSESSMENT

This project triggers the State’s environmental review process under Chapter 343 (Environmental Impact Statements), Hawai‘i Revised Statutes (HRS), as amended, and Title 11, Chapter 200.1 (Environmental Impact Statement Rules) of the State Department of Health’s Hawai‘i Administrative Rules (HAR), as amended (State of Hawai‘i, 2019) because the action involves:

1. Use of State Funds. State funds would be used to acquire the privately-owned properties along with funding construction of proposed improvements within the Harbor using these acquired properties.
2. Use of State Lands. Acquisition of these properties would convert them into State-owned property; thus, the construction of project improvements will involve the use of State lands.

A Draft Environmental Assessment (Draft EA) document was prepared to allow for the use of State funds for the acquisition of parcels and construction of Harbor improvements. This Draft EA also supported the DOTH’s public purpose of acquiring the parcels as provided in §171-30, HRS, described the use of the existing Harbor facility, and the proposed use of the acquired parcels for Harbor improvements. This Draft EA was prepared and published for public review pursuant to Chapter 343, HRS, and Title 11, Chapter 200.1, HAR. The notice of the availability of the Draft EA was published in the June 23, 2023 issue of the State Office of Planning and Sustainable Development, Environmental Review Program’s *The Environmental Notice*. The 30-day public comment period for the Draft EA ended on July 24, 2023.

This Final Environmental Assessment (Final EA) has subsequently been prepared based upon the published Draft EA and review of comments received. A Finding of No Significant Impact (FONSI) is warranted for this project based upon these results. This Final EA and applicable FONSI determination thus support the DOTH's public purpose for acquiring the parcels as provided in §171-30, HRS and their proposed use for Harbor improvements. Copies of comment letters received on the Draft EA and responses to them are included in Appendix A, and this consultation process is discussed in more detail later in Chapter 7. Chapter 8 discusses the FONSI's applicability for this project based upon the significance criteria.

The parcels proposed for acquisition are situated within the County of Hawai'i's (County) Special Management Area (SMA). Development of these parcels would also typically require compliance with State environmental regulations as part of the County's SMA procedures prescribed under the County Planning Commission Rule 9 (Special Management Area). However, under §266-2(b), HRS, the State DOTH is permitted to plan, construct, operate and maintain any commercial harbor facility without approval of county agencies. Therefore, an SMA Use permit would not be required or obtained for the project's improvements. A comment letter from the County Planning Department on the Draft EA also acknowledged this situation. Therefore, the County's SMA requirements under the Planning Commission's Rule 9 is not another trigger under the State's environmental review requirements.

Applicant Background

The Applicant for this project is the State Department of Transportation, Harbors . DOTH is one of three modes of transportation under the State Department of Transportation. The DOTH is a self-funded agency that establishes wharfage and tariff fees to finance the plans, designs, construction, operations, and maintenance of State harbor facilities in all modes of water transportation. The marine cargo industry is a critical component of Hawai'i's economy and is described as the economic lifeline to the islands. The DOTH currently operates 10 commercial harbors in the state and Hilo Harbor on the island of Hawai'i is one of these harbors. The purpose of the statewide harbors program, as provided in §266-2(b), HRS, is to ensure the continuous and effective management and operation of a statewide commercial harbors system. The commercial harbors system facilitates the efficient movement of people and goods cost effectively to, from, and between the Hawaiian Islands.

The DOTH objectives are to achieve the efficient utilization of the Harbor water-side piers, essential cargo lands, offices, and maintenance facilities to receive vessels, discharge cargo, and ensure the safe flow of cargo movement into and out of the Harbor when conducting the maritime business with the public. This responsibility includes coordinating with several other federal agencies such as the U.S. Army Corps of Engineers and the U.S. Coast Guard overseeing and regulating the waters of the United States, marine terminal operators, and maritime security at the commercial harbors, respectively. U.S. Customs and Border Protection monitors the flow of foreign people and goods through state ports. The DOTH coordinates with and complies with Federal and State environmental protection agencies. The private sector relies on the flow of cargo movement in promoting commerce. The DOTH partners with the private sector maritime

companies providing shipping services at the Harbors such as vessel agents, and cargo vessel operators, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other essential functions that support the economic flow of cargo at the Harbor.

Approving Agency

The project is an “Agency Action” under the State’s environmental review regulations because the project involves the use of State land and funds. The State Department of Transportation (DOT) serves as the “Approving Agency” for the processing of this environmental assessment document. DOT proposes a Finding of No Significant Impact, or FONSI, determination based upon the Draft EA results, review of the comments received, and evaluation of the project relative to the significance criteria.

Bowers + Kubota Consulting, Inc. (B+K) is serving as the “Authorized Agent” on behalf of the DOTH (Applicant) in the preparation of this Final EA. This Final EA was prepared pursuant to Chapter 343, Environmental Impact Statements, HRS, as amended and the State Department of Health’s Title 11, Chapter 200.1, HAR (Environmental Impact Statement Rules) (State of Hawai‘i, 2019).

1.2 PROJECT LOCATION AND VICINITY

The Harbor is the island’s busiest port and located in the South Hilo District within the town of Hilo. This harbor is situated on the eastern coast of the island of Hawai‘i and within the ahupua‘a of Waiākea. Hilo town functions as the island’s main government capital along with being the primary business and retail center serving the eastern half of the island. The Harbor is located approximately two miles east of downtown Hilo. Figure 1.1 includes a location map showing the Harbor in relation to the town of Hilo.

The Harbor is situated along the shoreline of Kūhiō Bay that is part of the larger Hilo Bay encompassing this marine area. The harbor and less than 0.25 miles away (makai of) Hilo International Airport’s property located on the eastern end of Hilo town. A two-mile long rubble mound breakwater extends from the harbor out into Hilo Bay. The State Department of Hawaiian Home Lands (DHHL) owns large tracts of land in this area associated with their Keaukaha homestead situated east of the harbor. Figure 1.2 includes a vicinity map that shows the Harbor and the immediate surrounding area in more detail.

As shown on Figure 1.2, Kalaniana‘ole Street is a State DOT, Highways (DOT-HWY) maintained roadway. Kalaniana‘ole Street is part of the larger Hawai‘i Belt Road highway system that circles around the entire island and is part of the Route 19 section that serves the Hilo district. This street generally runs in an east-west direction along the Hilo Bay coastline and serves as the primary road providing vehicular access to the Harbor and to the Keaukaha community. There are three side streets from Kalaniana‘ole Street used for access to the Harbor which are: 1) Kūmau Street; 2) Kūhiō Street that is the harbor’s main entrance; and 3) Kahanu Street.



Figure 1.1
LOCATION MAP



Figure 1.2 also identifies the five properties proposed for acquisition by the State DOT-HAR. Three of these parcels are located along Kalanianaʻole Street between Kūmau Street, bordering Pier 4 of the Harbor and west of Kūhiō Street. The other two parcels are located east of Kūhiō Street and are situated between Kūhiō and Kahanu Streets and border the overseas terminal. Other State-owned roads in the vicinity that provide access to the Harbor include Silva Street that extends in a mauka direction towards the airport runway, Kamehameha Avenue generally running along the airport runway boundary and clear zone area, and Railroad Avenue and Operations Street that eventually connect with Hualani Street and Kanoelehua Avenue. The majority of these streets are associated with the larger State-owned airport property.

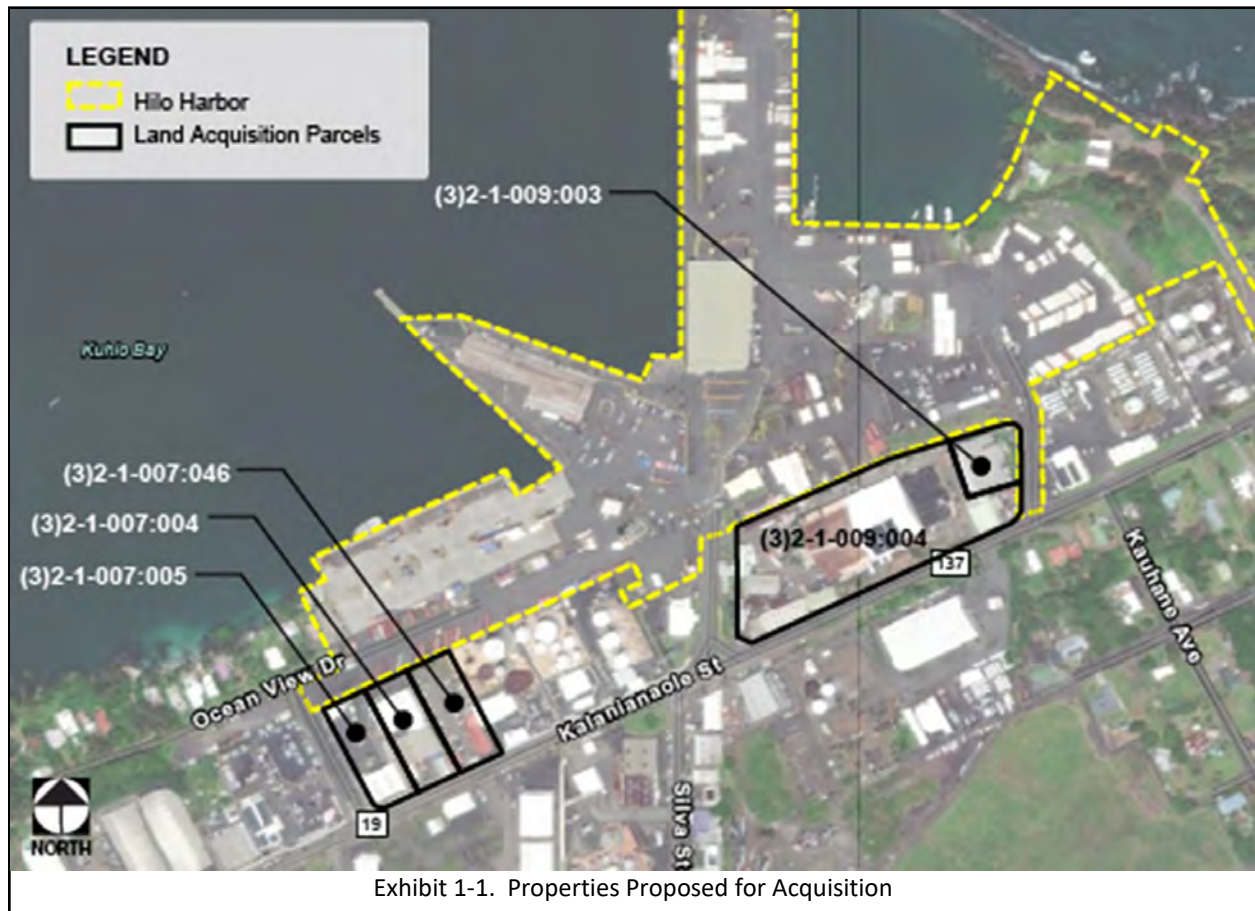
1.3 PROPERTY OWNERSHIP

The Harbor facilities cover approximately 46 acres of land that is made up of several individual parcels associated with Tax Map Key 2-01-009. This harbor property is owned by the State of Hawai‘i. The parcels proposed for the acquisition are privately owned and pertinent information on them is included in Table 1.2. Exhibit 1-1 identifies the location of these parcels in relation to the Harbor based upon an aerial photo.

Tax Map Key Number	Acres	Landowner	Current Land Use
(3) 2-1-007: 004	1.03	595K LLC	Auto detailing and parts sales; storage facility; retail
(3) 2-1-007: 005	1.02	Airgas Gaspro, Inc.	Liquid and compressed gas dispenser
(3) 2-1-007: 046	1.03	595K LLC	Auto repair and parts storage
(3) 2-1-009: 003	0.74	Sparks & Boschetti LLC	Auto repair and parts storage
(3) 2-1-009: 004	5.56	Sparks & Boschetti LLC	Various businesses and industrial uses within the property that include auto and boat repair and service shops, warehouse and storage, visitor travel, etc.

1.4 EXISTING SITE CONDITIONS

The island of Hawai‘i is served by two deep-draft commercial harbors: 1) Hilo Harbor located on the eastern coast of the island, and 2) Kawaihae Harbor located on the northwest coast. These two harbors work as an integrated system bringing all consumable goods, durables, building materials and fuel to the island. Cargo transported to the islands are received at Honolulu Harbor on the island of O‘ahu, where there are large gantry cranes discharge loaded cargo, load empty containers, and rolling cargo such as automobiles.



Honolulu Harbor receives approximately 99% of the cargo imported into the State. After it first arrives, it is transferred to other vessels in Honolulu Harbor and transshipped to other commercial ports including Hilo or Kawaihae Harbors. Goods exported from the island are also transported through Hilo or Kawaihae Harbors to Honolulu Harbor and to its final destination. The Harbor is Hawai‘i island’s main port for the transportation of these goods along with accepting berths for major cruise ships and passenger arrivals. Hawai‘i Island received annually about 2.8 million tons of inbound cargo and sent 1.4 million tons of outbound cargo shipments in 2016.⁴ According to the *Hawai‘i Island Commercial Harbors 2035 Master Plan Update*, Hilo Harbor is the busier of the island’s two ports.

⁴ State of Hawai‘i, Research and Economic Analysis Division (READ) of DBEDT. *Marine Cargo and Waterborne Commerce in Hawaii’s Economy. Trends and Patterns in Hawai‘i Marine Cargo 2001-2016*. May 2019.

1.4.1 Hilo Harbor Facilities and Activities

The first structure in the Harbor was built in 1861. Since then, the facilities have been built out and modernized. Presently, the Harbor facilities include the basin measuring about 1,400 feet by 2,300 feet long that is protected by the 10,000-foot Hilo breakwater wall (Exhibit 1-2). The Hilo breakwater wall is maintained by the U.S. Army Corp of Engineers. The Harbor facilities include four piers, yard space, shed areas, and office, maintenance, and security buildings. A combined total of about 31.2 acres of the 46-acre harbor facility is used as cargo handling and storage areas spread throughout the facility.⁵ Details regarding each pier’s length and associated yard space and shed areas are included in Table 1.3.



Exhibit 1-2. Photo of Breakwater Wall

Pier Description	Pier Length (Feet)	Yard Area (Acres)	Shed Area (Square Feet)
Pier 1	1,265	13.4	81,635
Pier 2	703	2.0	37,884
Pier 3	763	7.3	0
Pier 4	600	8.5*	0

Source: State of Hawai‘i Department of Transportation, Harbors Division. *Hawai‘i Island Commercial Harbors, 2035 Master Plan Update*. August 2011.

* Pier 4 was completed in 2019, its yard area is an estimate and there are no existing sheds.

Private cargo shipping organizations such as Matson Navigation Company (Matson), Pasha Hawai‘i Transport Lines (Pasha) and Young Brothers Limited (YB) are the Harbor’s primary users carrying and processing cargo. Matson and Pasha use the overseas terminal on the eastern side of the harbor facility (Pier 1 and cargo yard). The overseas terminal receives about 50% to 60% of the container cargo. YB uses the interisland terminal on the western side of the Harbor (Piers 2, 3 and 4) for interisland cargo. Matson and Pasha also transship overseas container cargo at Honolulu Harbor onboard YB vessels to the Harbor and moved to the overseas terminal to complete processing the receipt of the containers at the overseas terminal. About 40% of the total cargo is received by YB at the interisland terminal. Each shipping organization is responsible for the handling and processing of their own goods within the Harbor.

⁵ State of Hawai‘i Department of Transportation, Harbors Division. *Hawai‘i Island Commercial Harbors, 2035 Master Plan Update*. August 2011.

Currently, Matson has stopped scheduled weekly voyages to the Harbor. Matson instead uses Kawaihae Harbor on the island’s west coast to dock ships and then transport containers to the Harbor, which contributes to additional harbor traffic (trailers use the entrance twice to enter and leave). Occasionally, Matson does dock their ship at the Harbor. Additional photos of this pier and area are included in Appendix B.

Currently, only the Harbor can accommodate passenger cruise ships visiting the Island of Hawai‘i. Pier 1, as shown in Exhibit 1-3, is used by passenger cruise ships where passengers can disembark using the vessels gangway onto the Pier.

Cruise ships dock at Pier 1 and passengers then use rental car shuttles, buses, taxis or walk to tour the island. The DOTH issues Ground Transportation (GT) permits for the privilege of conducting commercial activity at the Harbor. GT permittees pay for GT permits, obtain the U.S. Department of Homeland Security Transportation Worker Identification Credential (TWIC) security cards and enter the secured areas of the Harbor’s main entrance at Kūhiō Street. With the GT permit and TWIC card, drivers have direct access and curbside passenger pickup next to the passenger terminal. Ride-share providers (e.g., Uber/Lyft) typically do not obtain Harbor issued GT permits or obtain TWIC security clearances and therefore are not allowed to enter or conduct business inside the secured areas of the Harbor. Instead, unpermitted ground transportation providers wait outside the Harbor property along Kalaniana‘ole Street or wait in the parking lots of neighboring businesses for passengers that contribute to traffic congestion along this street and adjacent areas.

Over the last five years, the DOTH has embarked on improving the efficiency in the use of the cargo space. The DOTH removed older warehouse sheds between Piers 2 and 3 to open the cargo yard space and building obstructions. With the removal, YB utilizes Piers 2 and 3 to stage out-bound cargo and for storage of in-bound cargo and customer pick up. Exhibit 1-4 shows Pier 2 along with YB’s shed for less-than-container-load (LCL) cargo operations in the background. Pier 3 is



Exhibit 1-3. Photo of Pier 1 and Yard Area



Exhibit 1-4. Photo of Pier 2 (From Pier 1)

located across and west of Pier 2 and is used by fuel barges and bulk carriers for discharge to storage facilities in the Harbor. YB's use of the Piers 2 and 3 cargo yard is limited due to weight restrictions and safety requirements during fuel discharge operations.

Pier 4 was completed in 2019 and added 600 feet of pier berthing space to this harbor facility. This pier serves as the primary interisland cargo facility for heavy cargo handling equipment to load and unload containers onto chassis for distribution (Exhibit 1-5). The estimated



Exhibit 1-5. Photo of Pier 4 and Cargo Area

yard area for these operations is about 8.5 acres and there are no sheds. The DOTH will remove an existing water tower within the Pier 4 cargo area as discussed further in a following section.

1.4.2 Hilo Harbor Vehicle Access

Vehicle access into and out of the Harbor is from Kalaniana'ole Street. This street is a two-lane road running in an east-west direction bordering the Harbor. This State-owned roadway is maintained by the State DOT, Highways and serves as the main roadway providing access for cargo entering and leaving the Harbor. Kalaniana'ole Street is also the only road that connects the town of Hilo to the Keaukaha homestead community and popular beach parks located east of the Harbor. The County in partnership with State DOT, Highways recently completed a reconstruction project of Kalaniana'ole Street at the end of 2022 that extended from Banyan Drive to Kauhane Avenue.

There are three roads that generally run perpendicular to Kalaniana'ole Street providing direct access into and out from the Harbor which are: 1) Kūmau Street; 2) Kūhiō Street; and 3) Kahanu Street. Kūhiō Street presently serves as the main entrance into the Harbor. Kūmau Street is owned and maintained by the County of Hawai'i, Department of Public Works. Kahanu and Kūhiō Streets are also State-owned and maintained by the State DOT, Highways. Figure 1.3 identifies these roads and the areas of the Harbor facility being served by primary users.

Cargo deliveries and pick up for Matson are accessed through the entrance at Kahanu Street. Cargo deliveries and pick up for Pasha enter through the Kūhiō Street main entrance. Harbor employees, cruise ship tour operators, and the public also enter through the Kūhiō Street main entrance. Security gates are present at each of these roads to manage vehicles entering and exiting the Harbor. YB is the exclusive interisland carrier with a mix of container cargo and LCL palletized cargo and enters at Kūmau Street (see Figure 1.3).

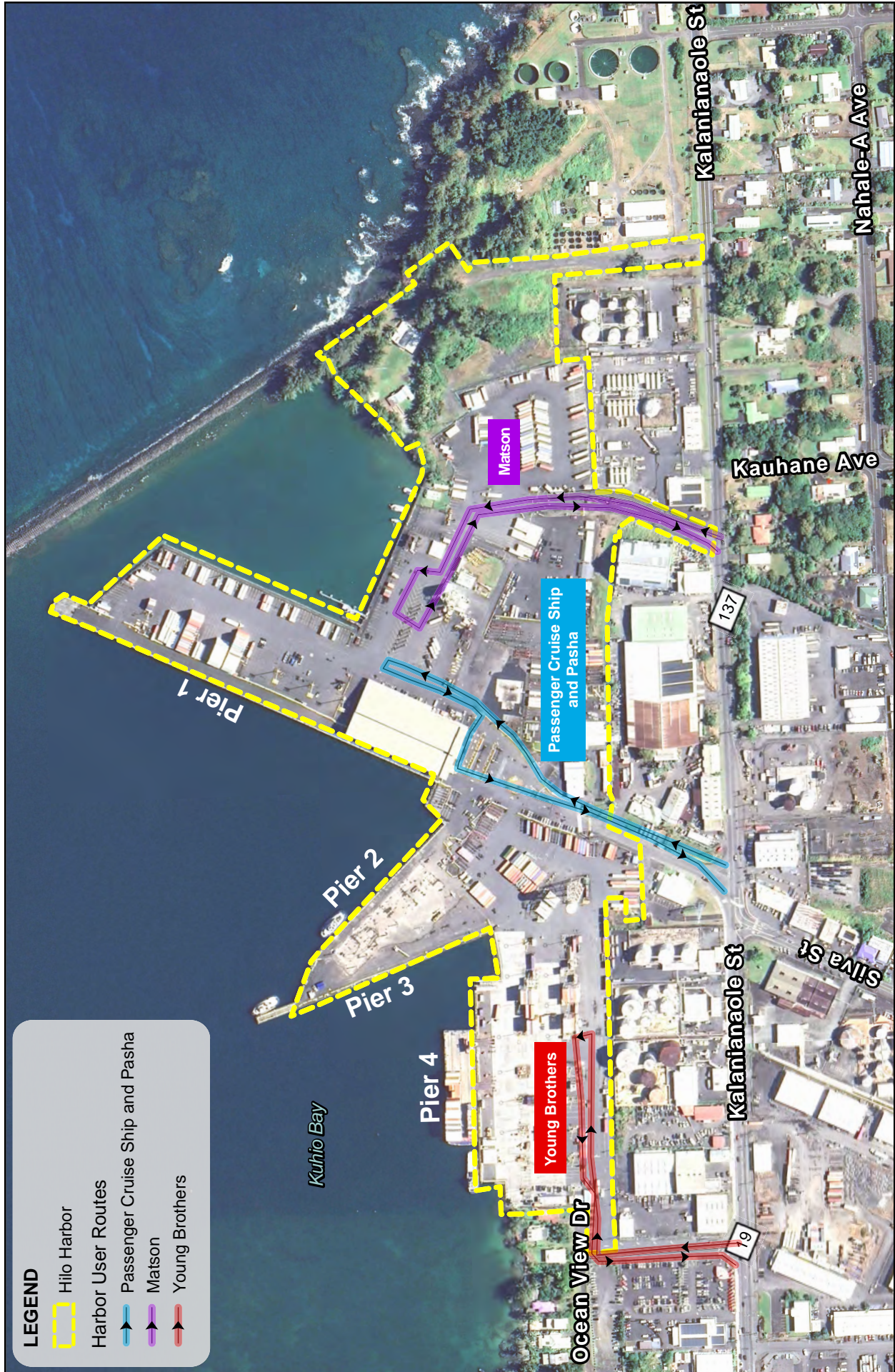


Figure 1.3
HARBOR VEHICLE ACCESS MAP

Kūmau Street

Kūmau Street forms an unsignalized T-intersection with Kalanianaʻole Street and consists of four lanes (two lanes in each direction). Separate left- and right-turn lanes are provided at this intersection. Entering the Harbor, this street separates into a right-turn for vehicles entering the Harbor and a separate lane for residences along Ocean View Drive that is managed by the DOT. Exhibit 1-6 shows this roadway in more detail based upon a Google Earth aerial from 2019. State contracted security guards manage access into the Harbor from this road and Kūhiō Street.



Exhibit 1-6. Aerial View of Kūmau Street

Kūhiō Street

Kūhiō Street forms an unsignalized four-way intersection with Kalanianaʻole Street and across Silva Street that is off-set to the west opposite Kūhiō Street. Silva Street's approach to Kalanianaʻole Street is situated slightly west across of Kūhiō Street. Kūhiō Street has separate right-turn lanes for entering and exiting the Harbor. Exhibit 1-7 shows this roadway in more detail based upon a 2019 Google Earth aerial image. Upon entering Kūhiō Street, the wide single lane (mauka bound) divides into two lanes entering the Harbor. One lane proceeds



Exhibit 1-7. Aerial View of Kūhiō Street



Exhibit 1-8. Aerial View of Kahanu Street

to the security gate for processing and entrance into the Harbor while the second outside lane allows vehicles to turn into Parcel 4 and the businesses operating within this parcel.

Kahanu Street

Kahanu Street forms an unsignalized T-intersection with Kalanianaʻole Street and has a separate right-turn lane for westbound vehicles entering the Harbor. This road consists of two lanes with a wide lane for vehicles and semi-trailers entering the Harbor. Vehicles exiting from Kahanu Street are limited to right-turns only onto Kalanianaʻole Street. Exhibit 1-8 shows this roadway in more detail. A security gate is present at the entrance that is managed by Matson-employed security guards. The inbound (makai bound) lane then divides into two lanes for vehicles to turn left toward Pier 1 or continue to the eastern area of the Harbor. A single lane is provided for outbound (mauka) vehicles exiting the Harbor.

Kalanianaʻole Street

Kalanianaʻole Street is a two-lane undivided collector road serving as the primary access to the Harbor along with the Keaukaha community further east. Street parking is not allowed along this road and the posted speed limit is 35 miles per hour (mph). Separate left-turn lanes and/or acceleration lanes are provided at selected intersections along this road. This road was recently reconstructed in December 2022 by both the County Department of Public Works (DPW) and State DOT, Highways from Banyan Drive to Kauhane Avenue. The County DPW constructed drainage and utility improvements and DOT, Highways repaved the road. This improved road along the Harbor frontage now consists of repaved lanes, drainage inlets improvements, concrete sidewalks, and striped bike lanes using shoulder areas on both sides of the road. Exhibit 1-9 shows photos of this improved road along the Harbor frontage area.



Photo of Mauka Side of Road from Kūmau Street

Photo of Makai Side of Road from Kūhiō Street

Exhibit 1-9 Photos of Improved Kalanianaʻole Street (May 2023)

Other State Roadways

There are other roadways in the area that also provide additional routes connecting Hilo town with the Harbor. Silva Street is generally located across Kūhiō Street and runs in a mauka direction toward the airport boundary before connecting to Kamehameha Avenue that runs in a west direction toward a roundabout at its intersection with Kalanianaʻole Street. Kamehameha Avenue also connects to other roadways that run along the airport property boundary such as Operations Street and Railroad Avenue before eventually connecting with Kanoelehua Avenue (Hawaiʻi Belt Road, Route 11). Figure 1.1 (Location Map) previously identified these roads, and the majority are owned by the State DOT Airports being situated within the Hilo International Airport property.

1.4.3 Existing Properties Proposed for Acquisition

A summary of the existing conditions associated with the five parcels proposed for acquisition is provided. AirGas Gaspro, Inc. owns a parcel nearest Kūmau Street. The adjoining two parcels are owned by 595K LLC. The other two parcels east of Kūhiō Street and between Kūhiō and Kahanu Streets are owned by Sparks & Boschetti LLC. Figure 1.4 includes an aerial photo showing these five properties in greater detail. Photos of existing uses and structures on these properties are also included in Appendix B.

Parcel 1: (3) 2-1-007: 005 (Airgas Gaspro, Inc.)

Parcel 1 consists of the AirGas Gaspro, Inc. company that part of Airgas USA, LLC. This site is situated at the corner of Kalanianaʻole Street and Kūmau Street and has a street address of 525 Kalanianaʻole Street. Exhibit 1-10 includes a photo of this business. Vehicle access to the site is provided along Kūmau Street at two separate driveways (one in and one out). The site consists of two buildings, a few canopies for vehicle covers, an open parking area, and a few refueling stations as shown in Figure 1.4.



Exhibit 1-10. Photo of AirGas Gaspro, Inc. Site

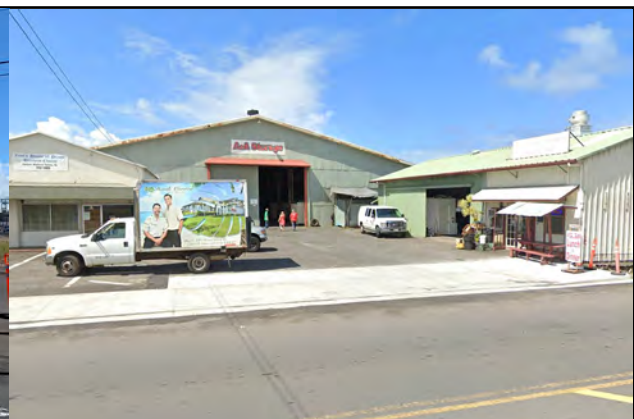


Exhibit 1-11. Photo of Businesses at 595K LLC Site



Figure 1.4
PROPERTIES PROPOSED FOR ACQUISITION

Airgas USA, LLC operates a medical and industrial cylinder fill plant to package and distribute medical and industrial oxygen, industrial nitrogen, and industrial and food grade CO₂. It is the primary provider of medical oxygen (bulk & packaged) in Hawai‘i, and is the only company equipped to fill medical oxygen cylinders on the Island of Hawai‘i. Additionally, Airgas distributes 22 other vital industrial and medical gasses and necessary molecules for the island that are produced in Kapolei on the island of O‘ahu.

As an Air Liquide Company, Airgas is designated as Critical Infrastructure through the U.S. Cybersecurity and Infrastructure Security Agency (CISA), for the following sectors: Chemical; Critical Manufacturing; Defense & Industrial Base; Emergency Services; Energy; Food & Agriculture; Information Technology; Nuclear Reactors, Materials, and Waste; Water and Wastewater Systems.

Parcel 2: (3) 2-1-007: 004 (595K LLC)

Parcel 2 is situated along Kalaniana‘ole Street and has only driveway access from this road with limited on-site parking that serves several businesses along with a church operating within the 1.03-acre site. Exhibit 1-11 has a photo of businesses at this property. The street address for this site is 555 Kalaniana‘ole Street that includes a large warehouse and another building. Zion’s House of Praise Holiness is a church occupying a smaller building on the site and has a different street address of 543 Kalaniana‘ole Street.

The Ocean Front Kitchen is a Chinese restaurant operating out of one building with a street address of 555 Kalaniana‘ole Street. A&A Storage was a self-storage facility using part of the large warehouse building but has since closed operations. Service Rentals and Supplies occupies a portion of the building with the restaurant and rents various large and small equipment such as lawn and garden tools, construction equipment and tools, pumps, generators, etc. Other small businesses operating out of the warehouse include a commercial kitchen space and a cardboard recycling service. Vehicle access to buildings situated in the rear of the property is provided from a driveway on the adjacent parcel (Parcel 046) that is owned by the same owner 595K LLC.

Parcel 3: (3) 2-1-007: 046 (595K LLC)

Parcel 3 along Kalaniana‘ole Street has two driveway accesses from this road that lead to buildings present while the majority of the site is an open paved and gravel lot occupied by salvaged automobiles, small boat vehicles, and other large appliances, abandoned electrical equipment, etc. The street address for this site is 595 Kalaniana‘ole Street. A portion of site is operated by a salvage yard operated by Hilo Auto Sales & Rentals and/or Maikai Auto Body & Paint LLC. Both businesses are currently operating from this site and Exhibit 1-12 includes a photo of this site. It should be noted that Jillian’s Auto and Used Parts shown in the photo has closed since the Google photo was taken in October 2019. Buildings on the site include a warehouse/office, a canopy/shop, and a garage.



Exhibit 1-12. Photo of Businesses at 595K LLC Site



Exhibit 1-13. Photo of Kūhiō Industrial Park

Parcel 4: (3) 2-1-009: 004 (Sparks & Boschetti LLC)

This is a larger parcel of 5.56 acres (Parcel 4) situated along Kalanianaʻole Street that starts just east of the intersection with Kūhiō Street and extends east up to the intersection with Kahanu Street as shown on Figure 1.4. The property is identified as Kūhiō Industrial Park and is comprised of several warehouses and buildings for use by various business tenants. All of the businesses operating at this site use the street address of 60 Kūhiō Street with various unit numbers. There are two driveway access locations from Kalanianaʻole Street into this site, however, the main driveway access to this site is from Kūhiō Street. Exhibit 1-13 includes a photo of businesses along Kūhiō Street and Exhibit 1-14 includes a photo from Kalanianaʻole Street (Google Earth October 2019).

The property is occupied by multiple occupants and has about 10 structures (buildings and warehouses) present. Businesses operating on this parcel include Keoki's Auto Repair, Hoppa-On Hoppa-Off Bus, Conen's Freight Transportation Inc., Westside Audio Hilo, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC, former chemical warehouses and machine shops, and an office.



Exhibit 1-14. Another Photo of Kūhiō Industrial Park

Parcel 5: (3) 2-1-009: 003 (Sparks & Boschetti LLC)

Parcel 5 is situated along Kahanu Street adjacent to the Kūhiō Industrial Park property and both properties have the same landowner (Sparks & Boschetti LLC). The only vehicle access to this site is from the driveway at Kūhiō Street that serves the Kūhiō Industrial Park. The property includes a large warehouse that is used by Conen’s Freight Transportation, Inc. which is a provider of general freight trucking, truck transportation, and warehouse services. Exhibit 1-15 includes a photo of this warehouse from Kahanu Street. The site is used as a storage area consisting of trucks, vehicles and vehicle parts, large appliances, shipping containers, petroleum products, building materials, and industrial machinery.



Exhibit 1-15. Photo of Conen’s Freight’s Warehouse

1.4.4 Removal of Existing Water Tower

Over the last five years, the DOTH has initiated action to find ways to improve the flow of container cargo within the constrained property boundaries of the Harbor. The DOTH planned, designed and solicited bids for the removal of the Pier 2-3 shed. The DOTH will remove an existing water tower within the Pier 4 cargo area near a U.S. Customs and Border Protection building along Kūhiō Street (Exhibit 1-16). Work to remove the tank will begin in the Summer of 2023 and should be completed by the end of 2023. Use of this water tower has been made obsolete with the County of Hawai’i (County) installing an upgraded fire line along Kalaniana’ole Street.

The projects to remove the Pier 2-3 shed and the water tower are intended to remove obstructions to the movement of containerized cargo inside the interisland terminal, thus increasing operational efficiencies within the interisland terminal cargo. While gaining efficiencies, safety concerns between containerized cargo and LCL operations remain. The acquisition of the land is to address congestion inside the Harbor and help alleviate traffic congestion associated with this project is another step.



Exhibit 1-16. Water Tower Near U.S. Customs Building

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CHAPTER 2 PROJECT DESCRIPTION AND ALTERNATIVES

This chapter discusses the importance and need for the project along with project objectives. A description is provided of the project's acquisition of parcels and redevelopment of those properties to support harbor operations along with alternatives considered for improvements.

2.1 PROJECT NEED AND OBJECTIVES

The purpose of acquiring the five properties is to improve DOTH's access and traffic control issues on roadways adjacent to the Harbor that would help alleviate traffic congestion and improve mobility along Kalaniana'ole Street for the public. The properties would also allow DOTH to improve this facility's internal cargo operational efficiency. By acquiring the properties, DOTH would add about 9.38 acres of land contiguous to the Harbor's facilities.

The additional property would be used to improve traffic flow conditions along Kalaniana'ole Street by improving harbor entry points and creating internal stacking lanes for semi-trailers to deliver or pick up containers at Matson, Pasha and YB operations. The majority of these access improvements would be situated within the new proposed boundaries of the Harbor with the property acquisitions. The additional land will thus provide a positive benefit to the community with improved traffic conditions along Kalaniana'ole Street. It would also provide DOTH with more area that would be used for needed yard space to improve the efficiency of cargo handling and safety with the cargo delivery process. In addition, the properties would allow for increased separation of cruise ship passenger related traffic from cargo traffic and operations that will improve safety within the Harbor.

These proposed uses of the acquired properties support the DOTH's mission of ensuring that the commercial harbors system facilitates the effective and safe movement of people and goods effectively to, from, and between the Hawaiian Islands. It would also allow DOTH to work toward improving traffic flow along a section of Kalaniana'ole Street that would be a beneficial effect for the neighboring communities. The need for property acquisition and how the additional land would improve harbor operations is discussed in greater detail.

2.1.1 Importance of Supporting Harbor Operations

The marine cargo industry is an essential component of Hawai'i's economy and livelihood as this industry supports every facet of the state's local economy, including energy supply, interstate commerce and global trade. No other state in the country depends on marine cargo shipping to the degree that Hawai'i does with 85 percent of all the state's consumer goods being imported and Honolulu Harbor processing 91 percent of this total cargo⁶. This reflects how ocean cargo transportation is an important lifeline for Hawai'i. Ocean transportation provides the lowest mean

⁶ State of Hawai'i, Department of Transportation, Harbors. *Honolulu Harbor 2050 Master Plan*. November 2022.

cost and most energy efficient manner of transporting cargo in and out of the state between the continental U.S., foreign countries, and neighbor islands.

Most marine cargo first arrives at Honolulu Harbor on O‘ahu Island. From there, cargo is transferred to other vessels and transshipped to the neighbor islands such as the Island of Hawai‘i using a hub-and-spoke distribution system. Hilo and Kawaihae Harbors work as an integrated system for this island to bring and export consumable goods, fuel, building materials and more with Hilo Harbor being the busiest of the two. Between these two harbors in 2016 alone, Hawai‘i Island received about 2.8 million tons of cargo and sent out 1.4 million tons of cargo shipments.⁸ The DOTH thus has an important responsibility to effectively and efficiently operate the state-owned harbor facilities that are used for commercial cargo, passenger, and fishing operations. Efficient Harbor cargo yard operations are also important because the inefficient movement of containers and other activities contribute to increased shipping costs that are passed down to businesses and ultimately to the consumer.

Prior commercial harbor master plans developed for Hawai‘i Island did not identify the potential purchases of private lands that could contribute to the efficiency of container cargo and to minimize the traffic impact to the local community along Kalaniana‘ole Street. The most recent *Hawai‘i Island Commercial Harbors 2035 Master Plan Update* (DOTH, August 2011) was completed many years ago in 2011, and the prior *Hawai‘i Commercial Harbors 2020 Master Plan* (DOTH, August 1998) was completed back in 1998. Therefore, more recent changes in harbor operations, cargo demand, and increasing traffic in the area contributed to the potential need for expanding the Harbor facility by acquiring additional property. More about the history of the Hawai‘i Island’s Hilo Harbor and these master plans can be found on DOTH’s website at the following link <https://hidot.hawaii.gov/harbors/harbor-users/hawaii-island-master-plans-environmental-documents/>.

2.1.2 Need to Improve Traffic Congestion

The need for acquiring the properties is based on key issues facing the DOTH which are the need to help alleviate traffic congestion on roadways around the Harbor and increase cargo yard efficiencies. The DOTH proposes to expand the boundaries of the Harbor to contiguous properties to address this traffic congestion. Collectively, traffic into and out of the Harbor potentially creates safety hazards for the surrounding community and affects operational efficiency. Therefore, improving traffic conditions around the Harbor is needed to support DOTH’s mission of improving and managing the harbors system in a way that facilitates safe operations. Traffic issues are associated with the following: 1) harbor traffic conflicts during peak travel times associated with schools and residential traffic in the area; 2) the return of cruise ship passenger traffic from the pandemic and the need to separate this from cargo traffic; and 3) congestion affecting this tsunami evacuation area.

⁸ State of Hawai‘i, Research and Economic Analysis Division (READ) of DBEDT. *Marine Cargo and Waterborne Commerce in Hawaii’s Economy. Trends and Patterns in Hawai‘i Marine Cargo 2001-2016*. May 2019.

Traffic Conflicts with Schools and Community

The timing of most cargo vehicles attempting to enter the Harbor usually coincides with the operating hours of three schools within the neighboring Keaukaha Hawaiian Homestead community. The three schools are Keaukaha Elementary School, Ke Ana La‘ahana Public Charter School, and Ka ‘Umeke Kā‘eo Hawaiian Immersion Public Charter School that have a combined total of about 650 students. Peak travel times for the Harbor and the schools both occur around 7:00 a.m., 1:00 p.m., and at 3:00 p.m. during the weekdays (Monday through Friday). Students being taken to school and residents leaving for work occur during this morning peak period when schools start at 8:00 a.m. The afternoon peak periods coincide with students being picked up from schools when their day ends (2:15 p.m. on all days except Wednesday which is earlier). Traffic congestion thus occurs along this road with the addition of semi-trailers entering and exiting the Harbor, stacking delays that spill onto Kalaniana‘ole Street, and cruise passenger traffic.

Trucks entering the Harbor queue along the entrance roads that regularly spill onto Kalaniana‘ole Street contributing to increased congestion and traffic delays along this two-lane roadway. Arriving vehicles are stopped at the entrance to the Harbor for security checks and cargo manifests that typically take a few minutes, but slightly longer (takes about three to five minutes) at the Kahanu Street entrance utilized by Matson into and out of the overseas terminal. Interviews with security staff at each entry location by traffic consultant Fehr & Peers as part of their traffic work analyzing the impacts of this project also identified the following:

Overseas Terminal

- Kahanu Street Entrance. This entrance is utilized by Matson and during busy days, four to five trucks have been observed queueing up behind the security gate with some queues spilling onto Kalaniana‘ole Street. Every other week, car shipments arrive at this location and such car pickup days tend to be one of the highest activity periods.
- Kūhiō Street Entrance. Utilized by Pasha, vans and small trucks are the main types of vehicles arriving at this location. Congestion on Kalaniana‘ole Street is high during school pick-up/drop-off hours with queues typically spilling back onto Kalaniana‘ole Street.

Interisland Terminal

- Kūmau Street Entrance. Utilized by YB, the site typically closes around 11:30 a.m. on Tuesdays, Wednesdays, and Fridays. Mondays and Thursdays tend to be busier days and the gates close at 3:30 p.m.
- A common comment among security staff at all three entrances was that occasionally trucks arrive at the wrong gate, which sometimes causes additional delays to redirect them back to the right gate.

DOTH has also noted that vehicles are routinely backed up for over a quarter mile along Kalaniana‘ole Street in either direction of the Harbor, and these congested traffic conditions may last up to an hour during each peak travel period. These conditions result in delays with semi-trailers accessing operating areas for loading or unloading cargo and thereby reduce the Harbor’s

operational efficiency. Therefore, addressing traffic along Kalanianaʻole Street's existing two-lanes is important to improve stacking for vehicles entering the facility.

Separating Increasing Cruise Ships Passenger Traffic

Cruise ship passengers visiting Hawai'i Island have pre-arranged tours and on-demand ground transportation that creates traffic congestion at the Harbor and along surrounding roads. Separating cruise ship passengers from cargo traffic (semi-trailers) will improve passenger safety and cargo operators. A *Final Environmental Impact Statement for the Hawai'i Commercial Harbors 2020 Master Plan* (RMTC, July 2001) identified the importance of separating cruise ship activity from other maritime operations in association with a new passenger terminal. The need to separate these different activities was also identified as an issue to address in the 2035 master plan update for Hawai'i Island's commercial harbors (DOTH, August 2011).

About 2,300 passengers, with larger ships having about 3,500 passengers, typically arrive on a cruise ship for day tours during the morning peak period. September to May is the busiest season for cruise ships. Occasionally, there are two cruise ships present at the same time resulting in ships having to dock and disembark passengers at both Piers 1 and 3 creating additional vehicle and pedestrian traffic along with potential safety issues with cargo operations occurring in the area.

According to the Hawaiian Tourism Authority's *2019 Annual Visitor Research Report*, the state received over 277,000 cruise ship passengers that year. Of these passengers, nearly 94 percent disembarked to visit Hawai'i Island. That means nearly 260,000 cruise ship passengers, or roughly 22,000 passengers per month, went through the Harbor in 2019 adding to traffic on adjacent roadways. While the COVID-19 pandemic halted passenger cruise ship travel for a time, cruise ships have returned to Hilo in 2022. Cruise ship visits and reservations to Hawai'i have increased since the pandemic. Year to date passenger arrivals to Hawai'i Island ending March 2023 is over 141,00 passengers.

Passengers use rental car shuttles, buses, taxis or walk to visit the island and each bus can only take about 75 people. These vehicles use the Harbor's main entrance at Kūhiō Street to access and stage within the facility contributing to increased traffic congestion in the area. Furthermore, ride-share providers (e.g. Uber/Lyft) usually do not obtain ground transportation permits that would allow them into the Harbor. These ride-share drivers instead queue up along Kalanianaʻole Street or wait in parking lots of adjacent businesses for passengers contributing to congestion along this street and area.

Review of cruise ship schedules for Hilo in 2023 show most cruise vessels arrive in the morning about 7:00 a.m. and passengers disembark by 8:00 a.m. Passengers who leave the vessel to tour the island during the morning hours for day tours can conflict with the interisland as well as the overseas cargo container operations, resulting in traffic congestion at the Harbor during the morning peak period. Debarking passengers with pre-arranged tours leave in DOTH ground transportation issued permitted buses, vans, or in on-demand autos. Passengers returning from island tours vary and at staggered times through the vessel's stay along the piers. Cruise vessels typically depart after 6:00 p.m.

There are also independent passengers that elect to tour the island on rideshare using their cell phone applications. The DOTH reported that rideshare drivers do not obtain DOTH permits or have TWIC cards, therefore, they operate and pick up passengers outside DOTH property and secured areas. This activity contributes to passengers signaling for rides outside the Kūhiō Street entrance and the jurisdiction of the DOTH. The existing access used by the ground transportation industry into and out of the Harbor as well as cruise ship pedestrian traffic creates potential safety issues within the Harbor between passengers, ground transportation vehicles, and semi-trailers as part of cargo operations during the morning along with outside the Harbor.

The proposed acquisition of the parcels will allow DOTH to implement improvements separating access into and out of the Harbor's facility benefiting both passenger service and cargo operations by providing safer and dedicated access into the Harbor for each activity. The additional property is thus needed to support a beneficial public purpose so that improvements can better accommodate the separation between cruise ship passenger and cargo traffic as well as help to alleviate traffic congestion along Kalaniana'ole Street.

Evacuation Area Mobility

The Harbor, the Keaukaha community, and other surrounding areas in the vicinity are located within the Tsunami Evacuation Zone. Therefore, improving traffic conditions along the Harbor area would increase the safety of harbor users, employees, and the residents of the Keaukaha community in the event evacuation of the area is needed due to a natural hazard. Kalaniana'ole Street is the area's primary tsunami evacuation route and the existing traffic conditions, and congestion negatively affects evacuation capacities and speed. Improving traffic conditions around the Harbor would ensure DOTH achieves its mission of improving and managing the harbors system in a way that facilitates safe operations.

2.1.3 Additional Space to Improve Yard Area Operations

Historically, cargo containers were introduced at various dimensions and later standardized between 1968 and 1970 by the International Maritime Organization for more consistent loading, transport, and unloading of goods in ports worldwide. Containerization contributed to enhancing trade and commerce by dramatically reducing the cost of transporting goods. According to two 2012 container census reports (*The Containerization International Market Analysis Report: World Container Census 2012*) about 80% of the world's containers are 20-foot containers or 40-foot containers. With the changes and standardization of the container as shipping devices, other technological advances with vessels and yard cargo handling equipment followed.

The impact to the DOTH commercial harbors has been terminal operators' equipment needing additional and wider turning radius of the cargo handling equipment. The cargo yards thus required modification. The spacing of containers' row changed and extended the parking area needed for containers on chassis for pickup and delivery, increased the demand for space, and the safe handling of container operations. These technological advances contribute to the Harbor, along with other State commercial ports, needing more cargo yard space to accommodate the volume of larger containers and equipment on site. Along with the need to moderate traffic flow into and out of the Harbor, expanding and improving the current cargo yard space within the Harbor is needed. Designing and constructing traffic improvements utilizing the proposed properties to be acquired will increase the efficiency in receiving and delivering cargo at the Harbor.

The yard area within the Harbor is used for a variety of operational purposes including LCL, the passing and transferring activities between overseas cargo and interisland terminals, and auto, trailer and container storage. The limited storage space within the Harbor has also resulted in Matson, Pasha and YB needing to stack their empty cargo containers three or more high as shown on Exhibit 2-1. Often only the top container is then reused because the middle and lower containers are inaccessible for efficient reloading. DOTH would like to have enough space to keep the staged and stored containers limited to only one container high stored on a chassis for more efficient loading of empty cargo onto barges or ships, improving access within the facility. YB has been observed to stack their empty containers outside the Harbor along Kūmau Street.



Exhibit 2-1. View of Stacked Empty Cargo Containers

Auto storage also occurs within the Harbor for personal or commercially owned vehicles entering or leaving the island, including damage-assessed vehicles for insurance companies. As such, there may be between 300 to 400 cars parked in the Harbor at a single time limiting available operational yard space.

Harbor Administrator Rules

There is a demand for the use of cargo yard and space. The DOT structured its harbor fees to incentivize shippers from keeping containers in the cargo yard beyond the three days of free time for the delivery of cargo to the port before scheduled vessel departure and five days of free time to pick up the cargo at the Harbor. The DOT does not charge a fee on cargo and cargo containers stored at the cargo yard within the free time. However, storage or demurrage fees are imposed on containers that remain longer than the free time allotted for cargo movement to encourage moving cargo out of the port based on space constraints. The DOT applies reasonable administrative rules to manage the cargo yards efficiently and to accommodate the larger modern containers to fulfill their mission for the efficient movement of cargo to, from, and between the Hawaiian Islands.

Less than Container Loads

Less-than-container-load, or LCL, shipping is where multiple orders are combined into a single cargo container. The container must then be unpacked at a harbor to access all the orders inside, requiring a substantial amount of space. LCLs at the Harbor are handled by YB.

LCL operations, cargo deliveries are on trucks of various sizes and types that are unloaded with fork-lifts. The typical LCL operation is described as the unloading of palletized cargo and customers walking in the cargo yard toward customer service offices to conclude their ocean-going cargo transactions. Separating LCL operations from semi-truck container operations is safer for the LCL customer. Further, semi-trailers with containers can enter the container yard with attention to the unloading of containers and the pick-up of containers paying less attention to LCL customers. Separating LCL and container access and yards improve the traffic flow and movement in and out of the interisland terminal. Security also improves by having separate operating areas.

The acquisition of the parcels creates an opportunity to improve safety by separating LCL cargo operations from other container operations at the interisland terminal. A separate laydown for LCL operations from container operations would be located in the parcels proposed for acquisition for LCL customers with palletized cargo. The proposed LCL area will be fenced and gated to separate the LCL operations from semi-trailers hauling with containers.

Accommodate Future Cargo Demand

Hawai‘i County and the Hilo area are anticipated to grow over the next 20 years. The 2035 master plan developed for Hawai‘i Island’s commercial harbors in 2011 determined that container volumes have a strong correlation to State’s gross state product (GSP) forecast. State GSP was projected to grow 1.5 percent per year from 2007 to 2035. Hawai‘i County’s residential growth was estimated to have residential growth averaging 1.7 percent yearly, a forecast condition that has been consistent for several decades. This is slightly higher than the State’s estimated residential growth of 0.8 percent per year. Hawai‘i Island was thus projected to have a slightly higher 2.5 percent annual growth in container loads during the 2008 to 2035 timeframe. Kawaihae Harbor has been receiving a larger share of this load and is expected to receive about 60 percent of this total island container load with Hilo Harbor receiving the remaining 40 percent (State DOT, August 2011).

With population and commercial growth occurring, increased traffic is expected along roadways along with the demand for cargo imported and exported from the island. Future improvements within the State DHHL’s Keaukaha community that may include additional residences would also increase traffic into and out from that area using Kalaniana‘ole Street (State DHHL, December 2010). With this continued growth, addressing the movement of container traffic inside the Harbor using the proposed new properties for acquisition will expand needed yard space and improve traffic flow along Kalaniana‘ole Street. Such improvements would help address traffic congestion on the public roads shared by the neighboring communities and support additional cargo demands associated with Hawai‘i County’s anticipated population growth.

2.1.4 Project Objectives

Given the various factors associated with the existing Harbor operations, limitations with current yard area, and traffic congestion along Kalaniana‘ole Street impacting access into and out from the Harbor along with the surrounding community, the improvements proposed under this project would achieve the following objectives.

1. Project would add approximately 9.38 acres of land contiguous to the Harbor’s existing facilities.
 - Having additional property contiguous with Harbor facilities allows for the expansion of their facilities.
 - Create storage lanes in Kalaniana‘ole Street for cargo containers to turn into the Harbors and space to queue into security checkpoints and help alleviate traffic conditions in the area.
2. Improved entry points and internal stacking lanes for the overseas terminal used by Matson, Pasha and YB cargo trucks created using the acquired properties would help alleviate traffic conditions along Kalaniana‘ole Street around the Harbor.

- Improved traffic flow and mobility along Kalanianaʻole Street would benefit the residents of the Keaukaha community and surrounding businesses.
 - Improved traffic flow along the Harbor facility along with the availability of other existing State roads in the area would support evacuation of this area if necessary due to a natural hazard.
3. Additional property acquired allows for staging areas for ground transportation vehicles to pick up cruise ship passengers and relocate off of Kalanianaʻole Street.
 4. Access improvements and additional areas acquired would allow DOT to separate cargo traffic from ground transportation vehicles to pick up cruise ship passengers, increasing safety for all users and improving the efficiency of Harbor operations.
 5. The project would separate LCL operations from container operations at the interisland terminal, improving safety and security.
 6. Provide DOT with additional yard space needed to improve the efficiency of the cargo delivery process and operations.
 7. The project would support Harbor operators to meet the future increased demand for cargo associated with Hawaiʻi County's anticipated growth in population and economic activity.
 8. The project would effectively support DOT's mission to ensure that the commercial harbors system facilitates the effective and safe movement of people and goods effectively to, from, and between the Hawaiian Islands.

2.2 DESCRIPTION OF PROJECT

DOT is proposing to acquire five privately-owned parcels situated along Kalanianaʻole Street to allow for the expansion of the Harbor facility so that improvements can be made to improve traffic conditions and mobility in the area, and to provide increased cargo yard area to support operations. The main components of this project, or also identified as the Proposed Action, consist of the following that are discussed in greater detail in the following sections.

1. Acquire five parcels (identified as Parcels 1 to 5) totaling 9.38 acres situated along Kalanianaʻole Street between the intersections of Kūmau Street on the west end and Kahanu Street on the east end of the project area.
 - Upon approval by the State Board of Land and Natural Resources, actions would be taken to acquire the parcels which would then become State-owned land and placed under the jurisdiction of DOT via Executive Order.
2. The acquired properties would be utilized to create new stacking and storage lanes in association with other roadway improvements to reduce traffic congestion along Kalanianaʻole Street. Figure 2.1 conceptually shows these improvements and how the general flow of truck traffic into the Harbor would be modified and improved.
 - a. Merge and stacking lanes created within the new expanded Harbor boundaries from the property acquisition would: 1) create more area inside the oversea terminal for semi-trailer drivers queuing for deliveries to Matson and Pasha areas; 2) reduce congestion around Harbor entrances; and 3) reduce obstructions and traffic congestion along Kalanianaʻole Street between Kūhiō and Kahanu Streets.

Figure 2.1

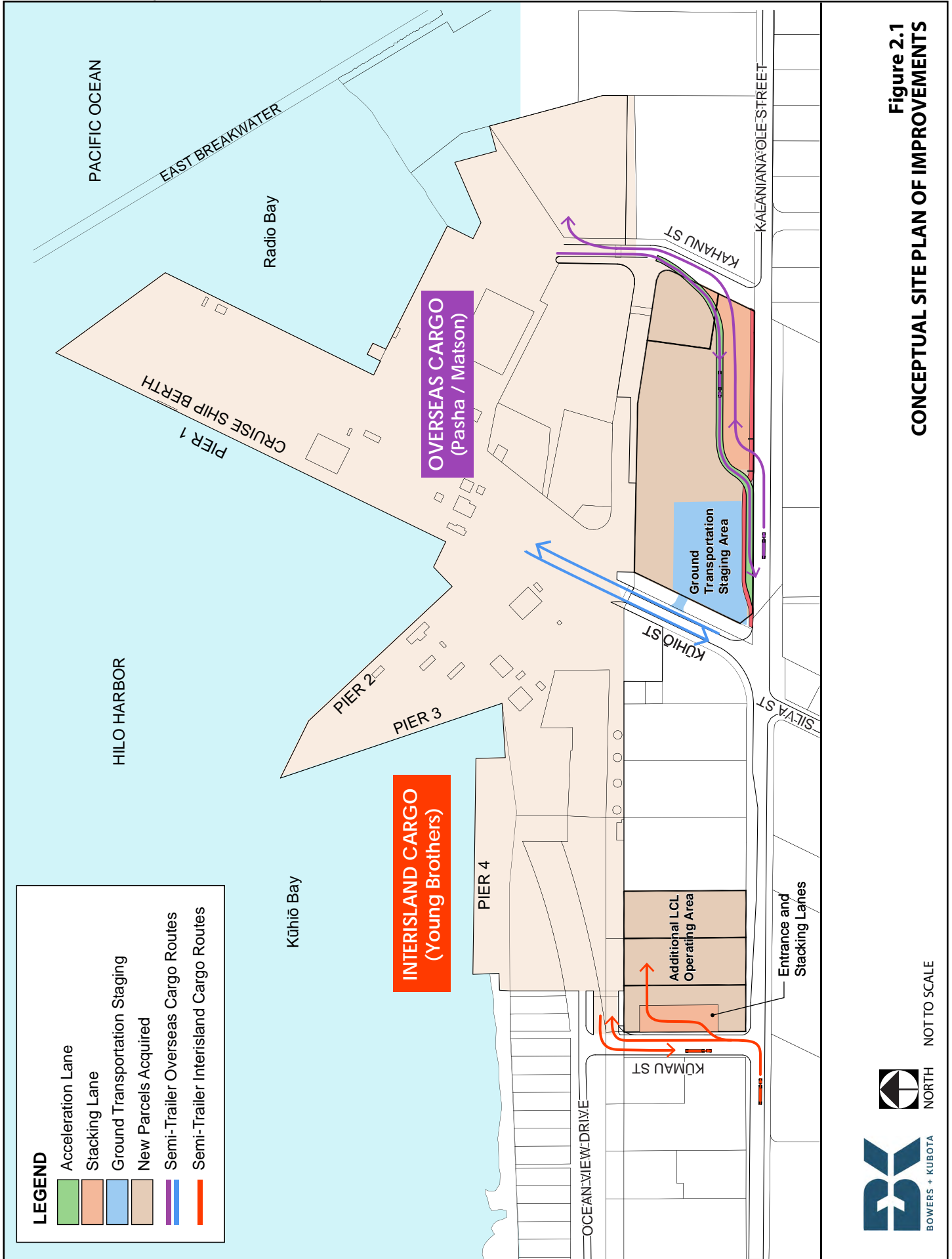


Figure 2.1
CONCEPTUAL SITE PLAN OF IMPROVEMENTS



- b. Some existing buildings and other structures within the acquired properties would likely need to be demolished pending design development for improvements.
- 3. The area within the new property acquired would be used to create a ground transportation staging area.
 - a. This allows for vehicles to be staged off of Kalanianaʻole Street waiting for and dropping off cruise ship passengers.
 - b. Traffic congestion and conflicts along Kalanianaʻole Street would be reduced, creating improved mobility conditions through this corridor for the community and Harbor users.
- 4. Additional yard space would be created for YB’s inter-island cargo operations utilizing the acquired properties as shown on Figure 2.1.
- 5. Other accessory improvements such as security fencing, relocated or improved gates, etc. would be constructed.

2.2.1 Acquisition of Properties

The State DOTH is proposing to acquire five privately-owned properties that are contiguous to the existing the Harbor facility that total 9.38 acres in size. Figure 1.4 previously showed these parcels in greater detail. These parcels are identified below and additional information on each parcel was previously discussed in Section 1.4.3.

Property Identification and TMK			Acreage	Owner
1.	Parcel 1	(3) 2-1-007: 005	1.02	Airgas Gaspro, Inc.
2.	Parcel 2	(3) 2-1-007: 004	1.03	595K LLC
3.	Parcel 3	(3) 2-1-007: 046	1.03	595K LLC
4.	Parcel 4	(3) 2-1-009: 004	5.56	Sparks & Boschetti LLC
5.	Parcel 5	(3) 2-1-009: 003	0.74	Sparks & Boschetti LLC
Total			9.38	

The BLNR is responsible for the acquisition of all real property on behalf of the State, or any interest therein and the improvements thereon, for public purposes under Chapter 171-30, HRS. The BLNR, with assistance from the State DLNR, Land Division, would effectuate the acquisition of these properties. Appraisals of these properties would be conducted, and the properties acquired through negotiations or condemnations as part of the acquisition process.

The DOTH coordinates with the State DLNR, Land Division by preparing and completing the work including this environmental review process and additional due diligence reports and documents. After the DLNR is satisfied that the DOTH has completed its due diligence, then the DLNR will prepare and submit its recommendation to the BLNR for approval of the acquisition.

As the new owner of these properties, the State DOTH would then negotiate with the existing businesses to either remain on the properties until their lease expires or negotiate terminating their leases with the State before relocating. Therefore, each business tenant associated with the properties proposed for acquisition will have the opportunity to negotiate in their best interest with the State DOTH.

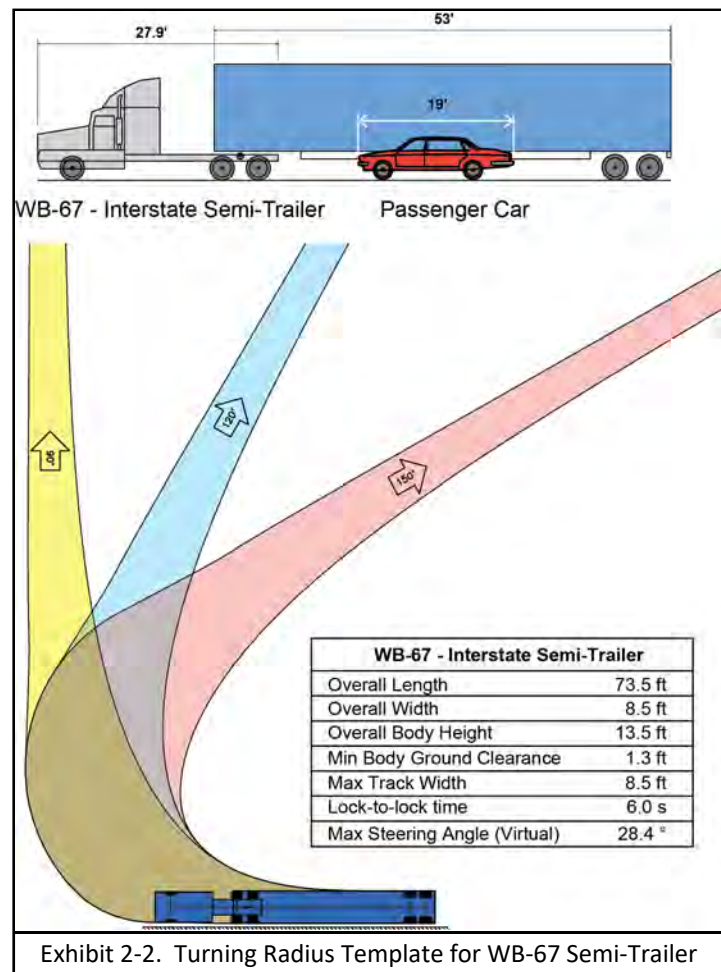
2.2.2 Harbor Entrance and Access Improvements

Harbor entrance and access improvements were developed in coordination with DOTH to meet project objectives and various alternative improvements and stacking lane configurations were initially developed for consideration. The resulting project improvements now purported as the Proposed Action were determined to better address project needs and objectives and are described. Discussion of the other alternatives considered is provided in a later section.

Design Methods and Criteria

In developing the proposed improvement plan, two areas of focus were established. The first was the Harbor entry and exit locations at Kūhiō Street and Kahanu Street that are used by Matson, Pasha, and cruise ship passengers along with efforts to separate this traffic. The second focus was the entry and exit location into the interisland terminal used by YB at Kūmau Street in support of their cargo operations. Established design criteria were used in determining access requirements and resulting areas that would be needed to support proposed improvements.

The American Association of State Highway and Transportation Officials (AASHTO) standards and the dimensions of a WB-67 semi-trailer truck were used in determining necessary space needed at access locations. The WB-67 semi-trailer with a 53-foot-long trailer was selected because it represents the largest trailer type used by harbor cargo traffic. A turning template was developed to determine the turning space required by WB-67 semi-trailers (see Exhibit 2.2).



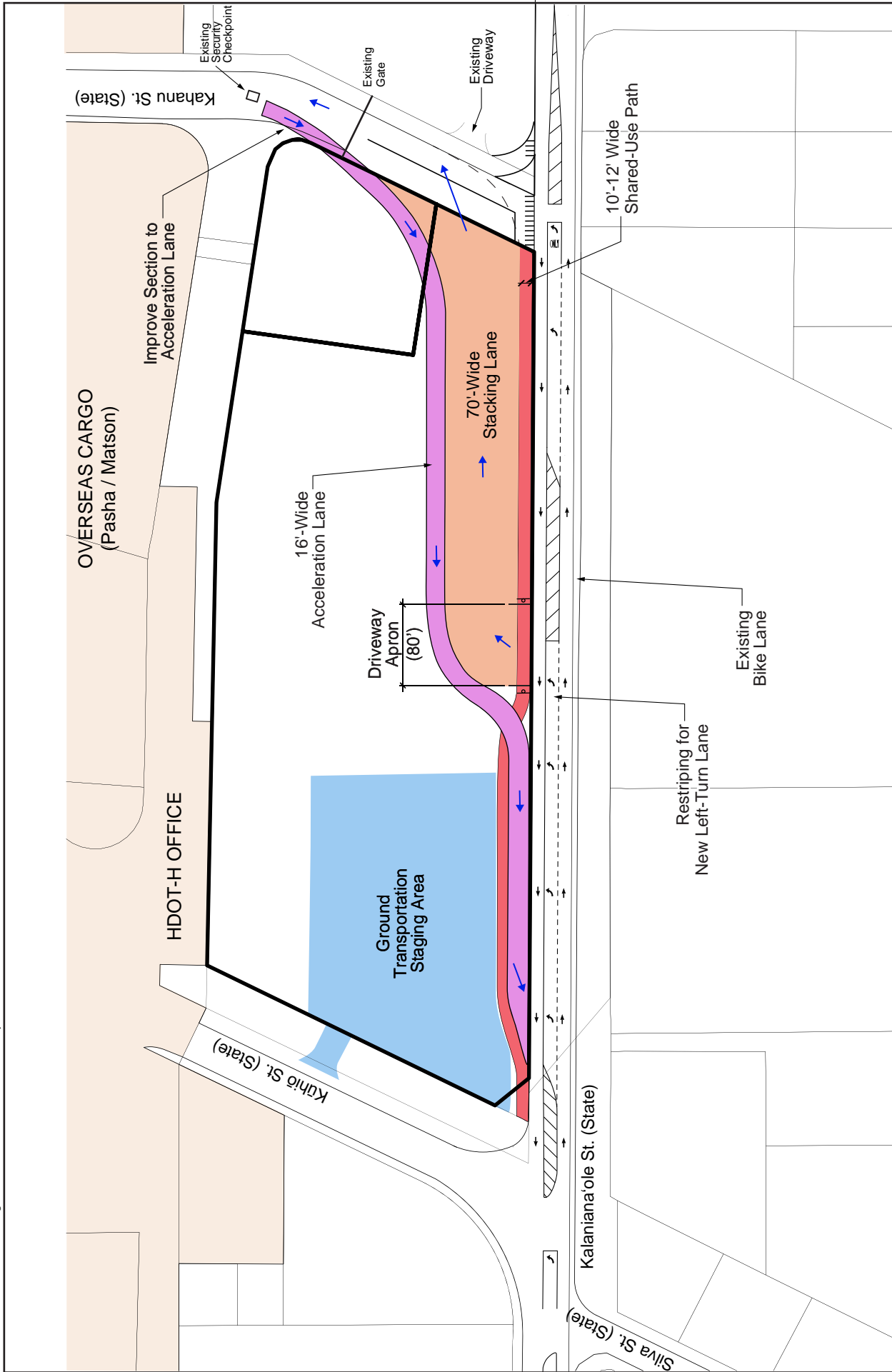
This template was used to evaluate access and stacking lanes that would be provided within the larger Parcels 4 and 5 (Sparks & Boschetti) situated between Kūhiō Street and Kahanu Street. Different turning radiuses (90%, 120%, and 150%) were used to determine the area needed. The template was then overlaid onto the parcel and used to establish the width required for the storage lanes to accommodate the turning of semi-trailers to enter the Harbor from Kalanianaʻole Street. The template was used to determine the turning and stacking lane's transition with Kahanu Street and stacking lanes and improvements applicable at Kūmau Street.

AASHTO and National Association of City Transportation Officials (NACTO) standards were used to determine the width required for other roadway and access improvements. This included a proposed merge lane, improvements along Kalanianaʻole Street between Kūhiō and Kahanu Streets, driveway improvements, etc. AASHTO standards and the design speed were also used to determine that a minimum linear road length of 700 feet is required for the new stacking lane to accommodate WB-67 semi-trailers. The distance between Kūhiō and Kahanu Streets, where the new merge and stacking lane is proposed, is sufficient having approximately 1,000 linear feet to utilize.

In consultation with the DOTH, it was determined the allotment of space with a large stacking lane inside the proposed parcels acquired could accommodate about 16 semi-trailers that would help alleviate traffic backups along Kalanianaʻole Street. Three lanes could be designated within this “stacking lane” to accommodate semi-trailers. The separate and enhanced Harbor entrance at the Kahanu Street gates should further help separate and alleviate cruise ship traffic. Designating a separate ground transportation staging area using a portion of the acquired Parcel 4 near Kūhiō Street allows buses, vans, taxis, etc. for GT permittees to stage inside the Harbor, helping to reduce congestion along Kalanianaʻole Street.

Kahanu Street to Kūhiō Street Improvements (Stacking Lane)

Using some of the acquired properties (Parcels 4 and 5), an improved (widened) driveway entrance from Kalanianaʻole Street would lead into a large stacking lane for semi-trailers entering the Harbor heading toward the Kahanu Street gates into Matson and Pasha cargo yards for overseas cargo. In addition, the new proposed stacking lane would allow these vehicles to queue off Kalanianaʻole Street and into the Parcel 4 site to wait in the stacking lane area before entering the secured Harbor facility. This interior area used for the stacking lanes would reduce congestion and delays, improving overall traffic flow along this street. Parcels 4 and 5 along Kalanianaʻole Street and Kahanu Street, identified as TMK No. 2-1-009: parcels 004, and 003 (Sparks & Boschetti), respectively, would be utilized in constructing the stacking lane improvement. Figure 2.2 shows the conceptual plan for this stacking lane improvement and a summary of specific improvements is provided.



Legend

← Truck Directions



Figure 2.2
CONCEPTUAL SITE PLAN OF STACKING LANE IMPROVEMENTS

DOTH plans to improve the existing security access into the Harbor under the project that would include security fencing associated with newly acquired properties. DOTH also plans to amend security facility plans to manage Harbor access as common use facilities under control of the DOTH. This may also include replacing the Matson-employed security guards at the project's revised Kahanu Street entrance with State contract security.

Stacking Lane Improvements

1. An existing driveway would be widened to provide an 80-foot-wide ingress driveway apron along Kalaniana'ole Street for semi-trailers to enter a new stacking lane created.
2. A paved stacking lane about 70 feet wide would be constructed that extends and connects to Kahanu Street to provide semi-trailers with an area to wait before entry into the Harbor.
 - a. This new stacking lane, about 450 feet long, would be used by semi-trailers delivering or picking up containers from the overseas terminal (Pasha and Matson).
 - b. Up to three lanes for semi-trailers could be accommodated within this wide stacking lane area that could potentially accommodate up to 16 WB-67 semi-trailers entering Kahanu Street (450 feet for stacking lane / 80 feet per trailer, 5 to 6 semi-trailers per lane).
 - c. Existing buildings and other structures on Parcels 4 and 5, particularly along Kalaniana'ole Street, would need to be demolished to construct the new stacking lanes and merge into overseas terminals through Kahanu Street.
 - d. Necessary signage would be provided to control access onto Kahanu Street (e.g. STOP sign, pedestrian/bike access, etc.).
3. A new 16-foot-wide exit lane and acceleration lane would be provided from the existing security checkpoint on Kahanu Street. It would be routed inland (makai of) the stacking lane before running along and merging into Kalaniana'ole Street (see Figure 2.2).
 - a. The section of the acceleration lane would be about 300 feet long, routed through Parcels 4 and 5, and merge onto Kalaniana'ole Street before the intersection of Kūhiō Street.
 - b. This acceleration lane would require semi-trailers exiting Kahanu Street to yield to oncoming traffic to provide a smoother transition and merge onto Kalaniana'ole Street, reducing traffic delays on the westbound movement.
4. A 10- to 12-foot-wide shared use path would be created within Parcel 4 along Kalaniana'ole Street and between the stacking lane. This shared use path would then run seaward (makai) of and adjacent to the acceleration lane up to Kūhiō Street.
 - a. This shared use path would be used by bicyclists and pedestrians through this section. A STOP sign for semi-trailers would be provided at the acceleration lane's intersection with this shared use path to give the right-of-way to bikes and pedestrians and minimize potential conflicts.
 - b. The existing concrete sidewalk within this section would be replaced by the new shared use path and the existing bike lane relocated to this shared use path.

Kahanu Street Area Improvements

1. Semi-trailers would enter Kahanu Street using the stacking lane to queue while awaiting entrance into the Harbor and Figure 2.3 shows improvements along this street in more detail.
2. A new 16-foot-wide lane from the security checkpoint would extend into Parcel 5 to allow semi-trailers to exit the Harbor and use an acceleration lane to merge onto Kalaniana'ole Street.
3. Other accessory improvements would occur along Kahanu Street.
 - a. An existing utility box near the intersection with Kalaniana'ole Street would need to be relocated or improved to accommodate semi-trailers using the stacking lane.
 - b. The existing gate would need to be improved to accommodate the new exit lane for semi-trailers.
 - c. Security fencing along this road would need to be modified to accommodate these road improvements and the addition of new parcels.
4. Other vehicles accessing other properties along Kahanu Street would continue to enter and exit the Harbor using Kahanu Street.

Kūhiō Street Area Improvements

1. An existing driveway along this street leading into Parcel 4 (see Exhibit 2-3) would be used to provide access to a new ground transportation staging area created within this large parcel as shown in Figure 2.4.
2. Other accessory improvements would occur along Kūhiō Street such as fencing, signage, etc.
 - a. No other improvements are proposed along Kūhiō Street.
 - b. A pedestrian route may be established (striping) from the Pier 2 area to the ground transportation staging area to direct cruise ship passengers.



Exhibit 2-3. Existing Driveway on Kūhiō Street to be Used for New Ground Transportation Staging Area

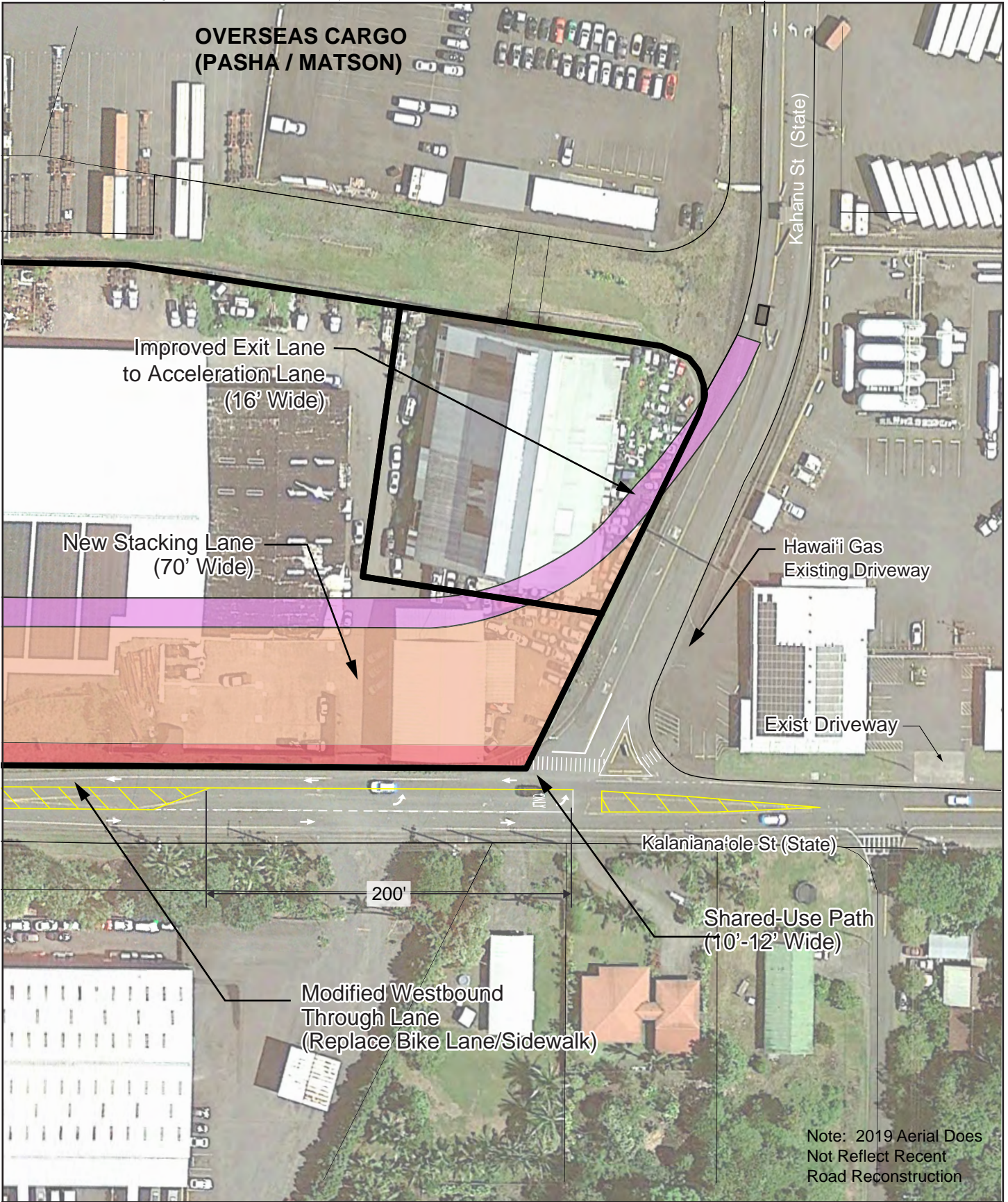
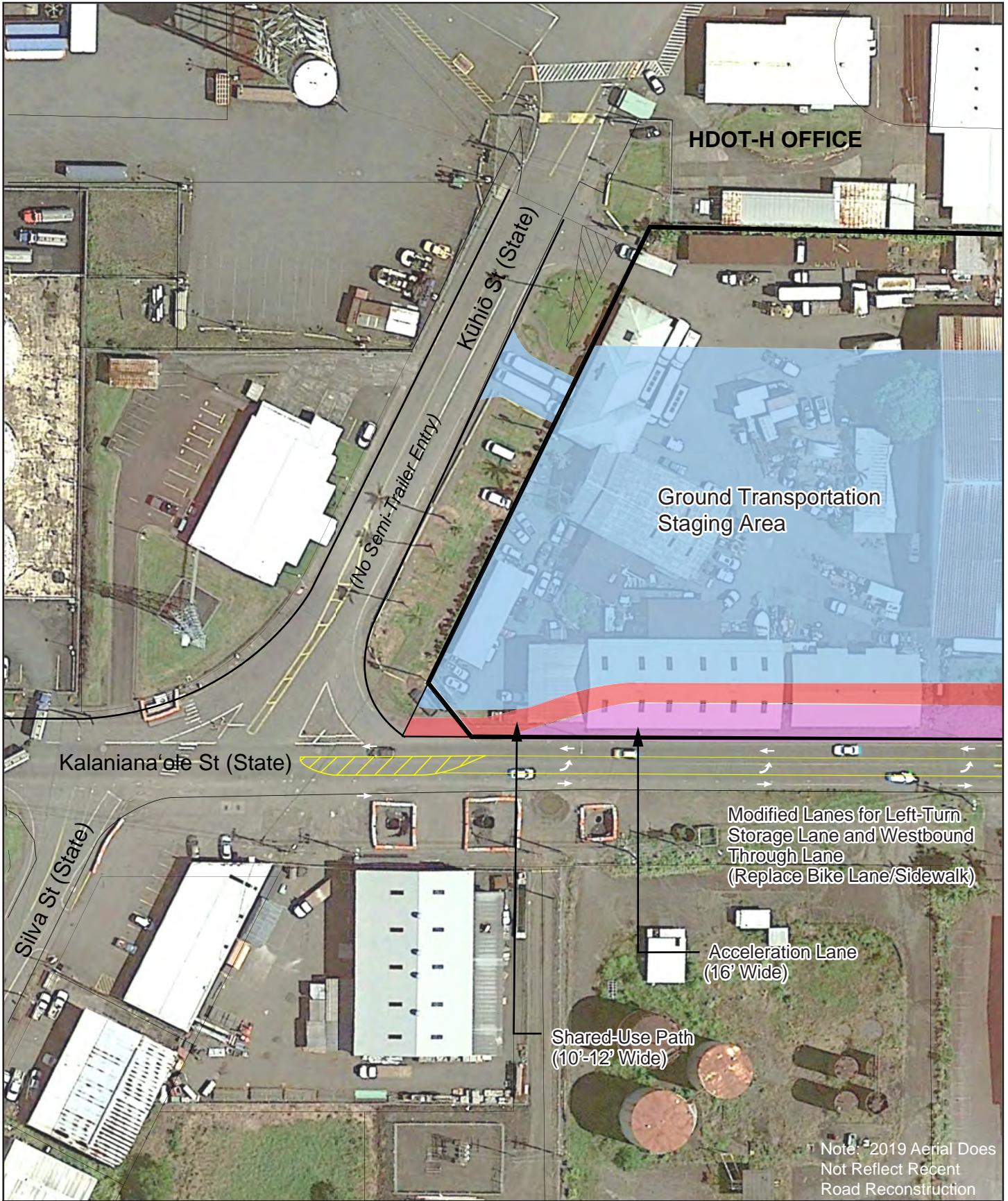


Figure 2.3
CONCEPTUAL SITE PLAN OF KAHANU STREET IMPROVEMENTS



NOT TO SCALE



NOT TO SCALE

Figure 2.4
CONCEPTUAL SITE PLAN OF KUHIO STREET
IMPROVEMENTS

Kalanianaʻole Street Improvements

1. Improvements proposed along Kalanianaʻole Street within this section were developed to minimize changes to recent improvements constructed along this street.
2. The new westbound acceleration lane for semi-trailers about 220 to 250 feet long would provide a merge transition onto Kalanianaʻole Street as previously shown on Figure 2.2 (Stacking Lane Conceptual Plan).
3. A new eastbound left-turn storage lane within Kalanianaʻole Street would be created (restriping) for semi-trailers to turn into the new stacking lane driveway as previously shown on Figure 2.2 (Stacking Lane Conceptual Plan).
 - a. The left-turn storage lane would be at least 350 feet in length, which would be sufficient to accommodate up to four semi-trailers. This would reduce traffic delays along Kalanianaʻole Street by providing a clearer eastbound through lane.
 - b. Restriping improvements would be required to provide this left-turn storage lane by shifting the existing westbound through lane further makai (north).
 - c. The eastbound through lane and mauka side bike lane would remain.
4. The existing westbound through lane along Kalanianaʻole Street would need to be relocated further makai replacing the existing concrete sidewalk and bike lane running along the makai side of this street.
 - a. This area is needed to allow semi-trailers to merge onto this street using the acceleration lane.
 - b. The new 10- to 12-foot-wide shared use path provided within Parcel 4 along this street would accommodate bicyclists and pedestrians through this section.
5. The existing eastbound left-turn storage lane into Kahanu Street (200 feet long) would be maintained with this project for use by vehicles (not semi-trailers).

Interisland Terminal Entrance Improvements at Kūmau Street

Improvements proposed along Kūmau Street are intended to improve semi-trailer access into the interisland cargo operations (YB) and relocate and separate LCL operations to the three parcels being acquired. These are Parcels 1 to 3 and identified as TMK (3)2-1-007: 005, (3)2-1-007: 004, and (3)2-1-007: 046, respectively. This should improve the flow of interisland semi-trailer container movement. Separating LCL will allow LCL delivery trucks from the semi-trailer queues to enter its own separate area and its own stacking lanes to minimize traffic backing up on Kūmau Street that occasionally extends onto Kalanianaʻole Street. The remaining areas of these parcels would be used to support cargo operations and are discussed in a later section. Figure 2.5 shows the conceptual plan improvements, and a summary of specific improvements is provided.

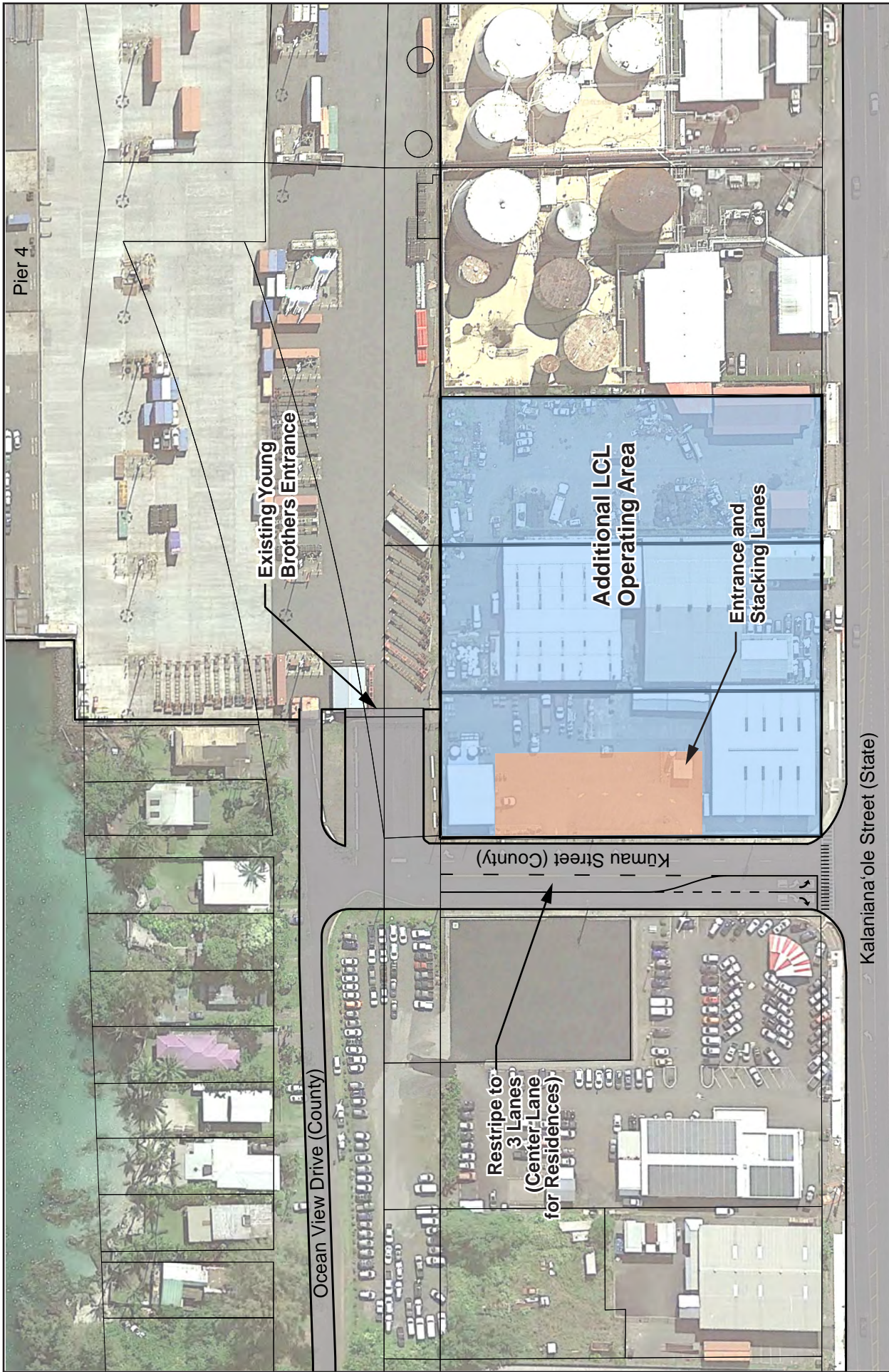
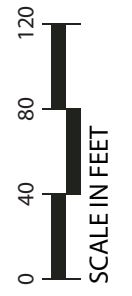


Figure 2.5
CONCEPTUAL SITE PLAN OF KŪMAU STREET
IMPROVEMENTS



1. A new driveway entrance and stacking lane area for LCL trucks would be provided off Kūmau Street within Parcel 1 as shown in Figure 2.5.
2. From this stacking lane, LCL trucks would enter the project's expanded Harbor area planned to be used to support additional LCL operations utilizing Parcels 1 to 3.
3. Kūmau Street is proposed to be restriped from four lanes (two in each direction) to three lanes.
 - a. A center lane created would be for vehicles to access Ocean View Drive or business driveways creating less delays from semi-trailers and other vehicles entering the harbor.
 - b. A wider lane would be created for semi-trailers to utilize in entering the existing Harbor entrance and separate them from other traffic.
 - c. A single lane for outbound (mauka) traffic on Kūmau Street would divide into two turning lanes (right-turn and left-turn) at its intersection with Kalaniana'ole Street.

2.2.3 Harbor Yard Area Improvements

The additional properties acquired would be used to provide increased open space yard area to support both overseas and interisland cargo operations. Figure 2.5 showed the properties acquired (Parcels 1, 2, and 3) that would provide separate and additional safety at the expanded interisland terminal area by separating container operations from LCL operating area. Figure 2.2 previously showed the stacking lane improvements, and additional portions of these properties (Parcels 4 and 5) that are not used for semi-trailer traffic movement would be used as additional operating areas for overseas cargo or to relocate offices or other use supporting more container yard space.

The new ground transportation staging area would utilize an existing driveway along Kūhiō Street to enter Parcel 4. This would require most of the existing buildings to be demolished so an open area can be created. This staging area would be paved and restriped and used by GT permittees and to manage access for vehicles using it.

Existing buildings present within these newly acquired areas for LCL use could be reused to support operations. For example, a building could be used for a security station associated with gate access. Other existing buildings could be used to provide cover and shade for certain types of cargo unloaded or being loaded (e.g. related agricultural shipments). The remaining buildings not used for the stacking lane improvements would be evaluated to determine if they could be reused or rehabilitated to support cargo and harbor operations. The feasibility and use of such buildings would be determined later after further harbor planning and design is conducted to evaluate their condition and practicability for use.

Cargo yard improvements including high mast lighting will be included and designed to conform to the standards established by the County's Outdoor Lighting Ordinance (Chapter 14, Article 9: "Outdoor Lighting"). Further, the design of the lighting will include the capability to dim lighting to reduce illumination to save energy and to minimize light pollution. This includes continuing evaluating essential white light needed to have a Correlated Color Temperature of 2700 K or

below. All outdoor lighting installed would thus be “dark sky compliant” conforming to the County’s standards. Exterior lighting would also be shielded in compliance with HRS §201-8.5, Night Sky Protection Strategy.

DOTH plans to improve the existing security access into the Harbor under the project that would include security fencing associated with newly acquired properties. DOTH also plans to amend its security facility plans to manage Harbor access as common use facilities under the control of DOTH.

2.2.4 Project Phasing and Estimated Costs

Once the environmental review process is completed, the next phase of this project planned is to take actions to acquire the proposed properties. This environmental review process is projected to be completed in the Fall of 2023. The process to acquire the properties is projected to be completed within about two years or by the end of 2025; including having the properties designated to the jurisdiction of the DOTH via a Governor’s Executive Order.

Following DOTH acquisition and obtaining jurisdiction over these parcels, negotiations with existing tenants on the properties would occur. DOTH would negotiate with the existing businesses to either remain on the properties until their lease expires or negotiate terminating their leases with the State. As a result, construction of the project, or portions of it, may need to wait until the leases of existing businesses expire, which could add more years to the schedule.

Depending upon the results of those negotiations with tenants, DOTH would proceed with the design or a design-build process. This could involve proceeding with the entire project or portions of the project depending upon the availability of parcels for use. The design and construction phases for the entire project are estimated to take about three to four years to complete subject to the procurement method used to complete the construction of improvements. Construction could thus reasonably start within about six years (2029) and be completed by 2031.

No discretionary land use entitlements would be required. As previously discussed in Section 1.1, the project area is situated within the County’s Special Management Area. However, under §266-2(b), HRS, the State DOTH is permitted to construct, operate and maintain any commercial harbor facility without approval of county agencies. Therefore, an SMA Use Permit would not be required for the project’s improvements after the parcels are acquired by the State and designated under the jurisdiction of DOTH via a Governor’s Executive Order. Necessary ministerial permits would be required and obtained as part of the project’s design phase.

The total order of magnitude cost estimate for this project is about \$62.0 million. This is based upon an estimate of about \$15.0 to \$17.0 million to acquire the five parcels and \$45.0 million for design work, remediation of sites for hazardous materials, and construction of improvements. The estimated acquisition costs are based upon the County’s 2023 property assessed market value plus: 1) a contingency factor to account for appraisal values that may be higher than tax assessment values; and 2) contingency factor for administrative costs associated with the acquisition process

such as extinguishing property entitlements, appraisal fees, recording, acquisition and negotiations, etc. The construction cost estimate accounted for most buildings needing to be demolished for the stacking lanes and traffic improvements due to their age and condition and being unsuitable for cargo operations. However, some buildings could be reused for cargo operations such as those within Parcels 1 to 3 for LCL operations.

State Harbors Special funds created by §266-19, HRS will be used for the acquisition of properties and for constructing project improvements. Federal grants may be sought to supplement State funding for the construction of improvements; however, the feasibility of receiving such grants is not available at this time. If such federal grants are obtained, necessary compliance with federal environmental regulations and other requirements would be obtained.

2.2.5 Listing of Permits and Approvals

A listing of ministerial permits likely required for this project is provided since no discretionary land use entitlements would be required.

State of Hawai'i Permits

Department of Health

- National Pollutant Discharge Elimination System (NPDES) Permit - Construction Activities
- Construction Noise Permit / Noise Variance Permit

Department of Land and Natural Resources, Historic Preservation Division

- Chapter 6E, HRS, Historic Preservation Review

Department of Transportation, Highways Division

- Permit to Perform Work Upon State Highways

County of Hawai'i Permits

- Plan Approval
- Demolition Permit
- Grading, Grubbing and Stockpiling Permit
- Building Permit
- Permit to Work within the County Right-of-Way

2.3 ALTERNATIVES ELIMINATED FROM FURTHER CONSIDERATION

This section discusses alternatives to the proposed project plans that were initially identified and considered before being eliminated. A total of five alternatives were developed and considered for evaluation. However, these alternatives were eliminated because they would not support the project need and objectives as well as the project (Proposed Action). There were also other factors associated with these alternatives that did not make them as feasible and practical as the Proposed Action.

The alternatives discussed included not implementing the project, otherwise referred to as the “No-Action” Alternative and four other Alternatives (1 to 4) that mainly involved different design modifications to improving harbor access. These alternatives were subsequently eliminated from further consideration due to several factors that are discussed in their respective sections.

2.3.1 Alternative A - No Action Alternative

The No-Action Alternative would entail DOT not proceeding with the acquisition of the parcels and subsequently not being able to implement the proposed improvements. The only improvement that would occur would be the demolition and removal of the existing water tower because that action has already been designed and permitted with the contractor starting work in June of this year.

Under this Alternative, no improvements would be made at harbor entrances, semi-trailers would continue to queue onto Kalanianaʻole Street while waiting for harbor entrance, and ground transportation vehicles serving cruise passengers would continue to add congestion within the area. Furthermore, existing cargo yard operations would continue to operate within the limited areas now available resulting in continued stacking of containers and other operational inefficiencies.

Traffic conditions along Kalanianaʻole Street would continue to be congested with vehicles routinely backed up for over a quarter mile in either direction of the harbor. Semi-trailer activities and cruise passenger ground transportation vehicles at the harbor would continue contributing to this traffic congestion, especially during the peak hours. Furthermore, future growth in the resident and visitor population along with business activities anticipated on the island would increase traffic and congestion along this Kalanianaʻole Street corridor.

The No Action Alternative would not address the need for the project or support the DOT's project objectives previously discussed. These project objectives included: 1) improving traffic flow and mobility along Kalanianaʻole Street to benefit the residents of the Keaukaha community and surrounding businesses; 2) reduce congestion to support evacuation of this area if necessary due to a natural hazard; 3) improve harbor entry points and internal stacking lanes for Matson, Pasha and YB cargo trucks; 4) create staging areas for cruise ship passenger traffic off of Kalanianaʻole Street; 5) separate cargo traffic from cruise ship passenger traffic increasing safety for all users and improving the efficiency of harbor operations; 6) provide DOT with additional yard space needed to improve the efficiency of the cargo delivery process and operations; and 7)

meet the future increased demand for cargo due to the County’s anticipated growth in population and economic activity.

Therefore, the No Action Alternative does not support the project need and objectives and would not support DOTH’s mission of ensuring that the commercial harbors system facilitates the effective and safe movement of people and goods effectively to, from, and between the Hawaiian Islands. This alternative is not feasible and was subsequently eliminated.

2.3.2 Alternative B - Concept No. 1

Alternative B consisted of Concept No. 1 focused on improvements to the entry and exit of the Harbor to the interisland terminal (YB) and overseas terminal (Matson and Pasha) as shown on Exhibit 2-4. The purpose for these improvements was to provide new separate stacking lanes to areas used by Pasha, Matson, and YB to provide more space for semi-trailer and LCL queues and reduce the potential for backing up onto Kalaniana’ole Street. A ground transportation staging area created for cruise ship permitted ground transportation operators would also move some traffic off Kalaniana’ole Street, except for unpermitted tour operators or ride share drivers. These improvements were thus intended to reduce backups into the harbor, traffic congestion and further

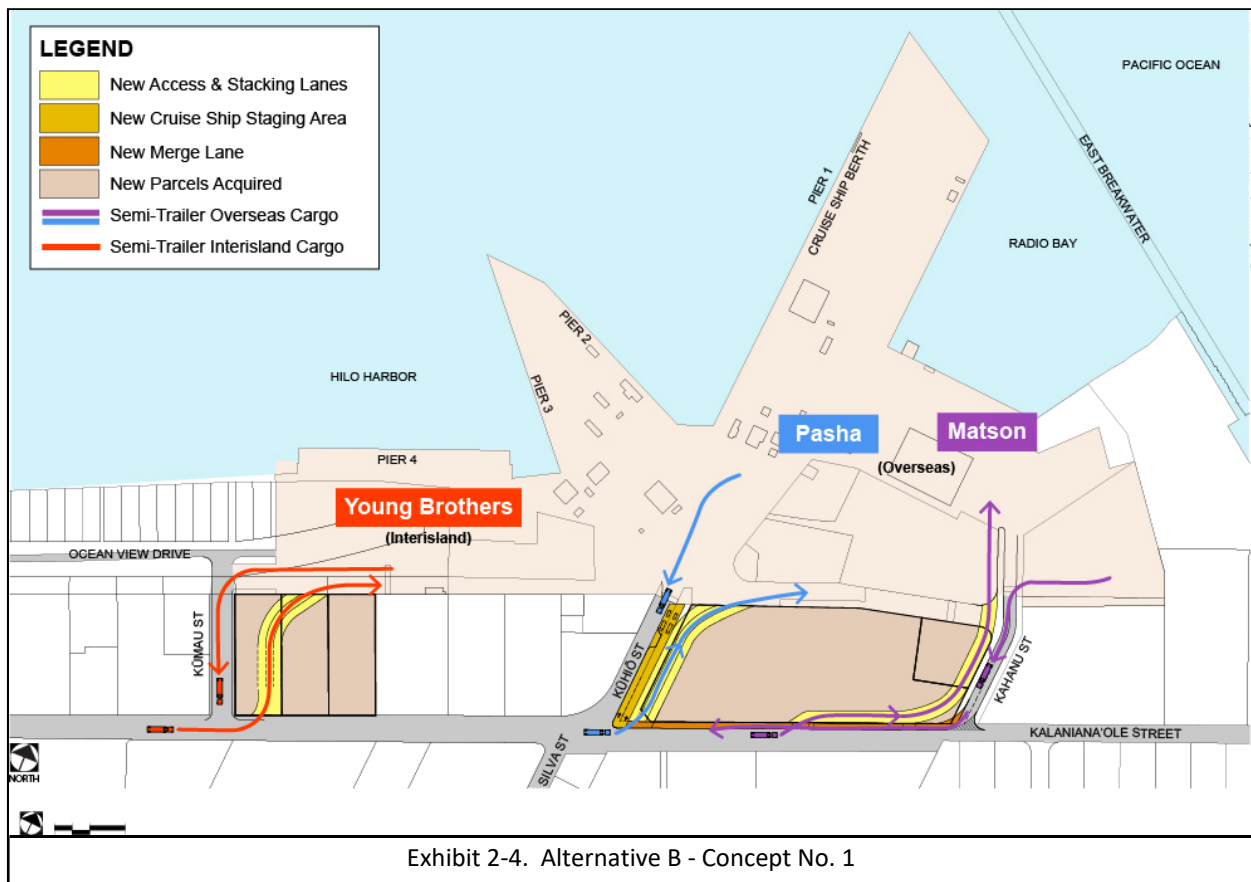


Exhibit 2-4. Alternative B - Concept No. 1

delays along Kalaniana’ole Street. The access improvements would have also allowed

considerable expansion of yard area for overseas cargo operations using Parcels 4 and 5 and expanded yard area for interisland operations and YB's LCL operations.

This Alternative proposed adding a new driveway entrance off Kalaniana'ole Street just past (east) Kūhiō Street that would utilize Parcel 4 as shown on the Exhibit. Three 20-foot-wide stacking lanes would be provided at this new driveway for Pasha semi-trailers to use entering the harbor. Improvements would also expand Kūhiō Street eastbound into the acquired Parcel 4 to create two additional lanes for staging cruise ship tour operator vehicles. Pasha and ground transportation vehicles would continue to exit using Kūhiō Street.

For semi-trailers into the overseas terminal, the existing driveway access would be improved leading to a 30-foot-wide stacking lane running eastbound within Parcel 4. A new entrance into the harbor would be created by this leading into the overseas cargo operating yard area and relocating the existing or requiring a new security checkpoint. Semi-trailers would continue to exit using Kahanu Street but utilize a new westbound merge lane created within Parcel 4 onto Kalaniana'ole Street.

For YB operations, a new driveway within Parcel 1 (TMK 2-1-007: 005) off Kalaniana'ole Street would be created just east of Kūmau Street for semi-trailers to enter their interisland cargo operations yard. Three 22-foot-wide stacking lanes would be added and spread across Parcels 1 and 2 before entering the harbor east of the existing Kūmau Street security gate as shown on Exhibit 2-4. Trucks would continue to exit using Kūmau Street.

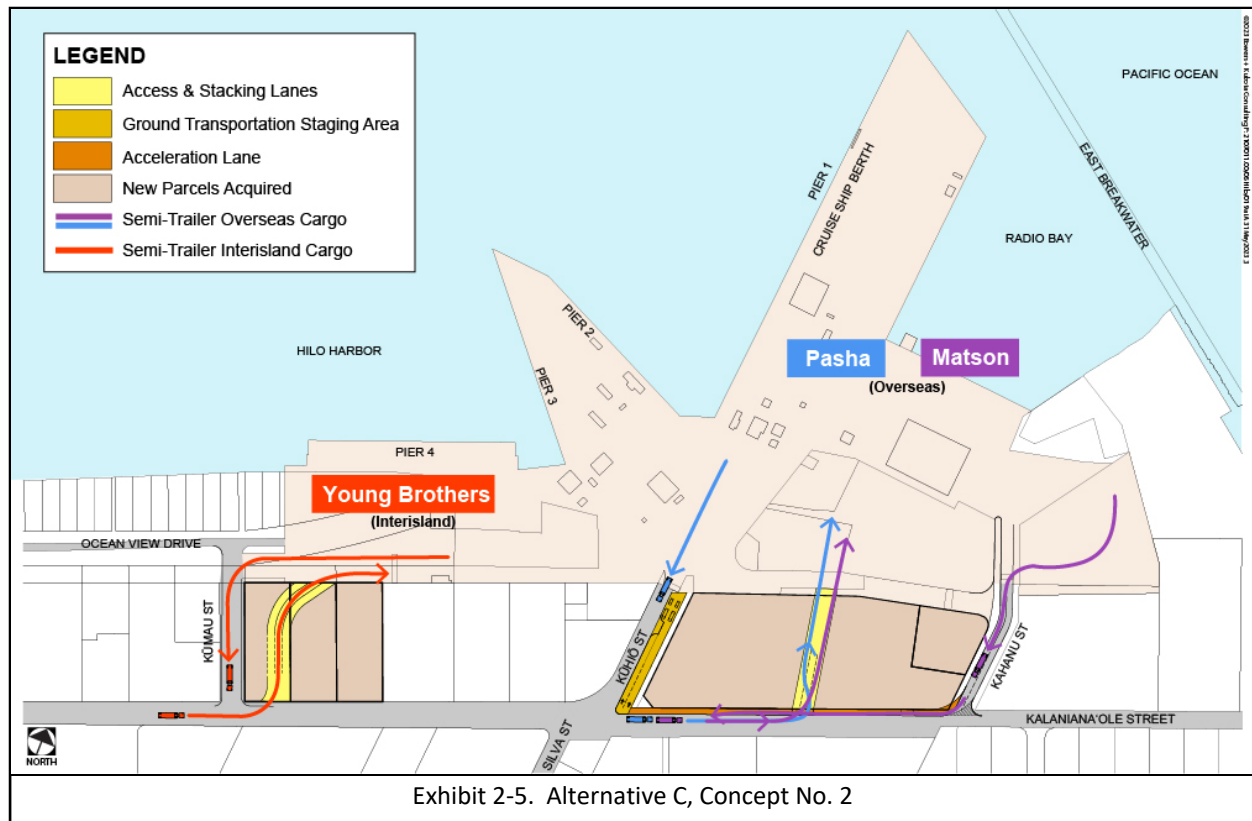
This Concept No. 1 (Alternative B) was eliminated because the improvements would potentially create additional traffic issues along Kalaniana'ole Street due to the new driveways created, additional left-turn storage lanes required for semi-trailers to reduce obstruction of the through lane and require additional lanes on this street impacting bike lanes that were recently added. Concept No. 1 (Alternative B) also removes space for YB wheeled operations along the fence line and wall and would relocate the current security and cargo check points. This concept also compresses LCL operations where space is needed for the loading and unloading of palletized cargo. The improvements identified for the Proposed Action would better improve Harbor access for semi-trailers without having secondary impacts on traffic flow and existing conditions along Kalaniana'ole Street. The Proposed Action better addressed traffic flow and mobility along Kalaniana'ole Street than this Alternative benefiting the residents of the Keaukaha community and surrounding businesses and better met the project's need and objectives.

Two of the new driveways located close to existing intersections at Kūmau Street and Kūhiō Street under this Alternative would create more turning movements and additional congestion at these intersections. The improvements would provide stacking lanes for semi-trailers, but potentially would create issues with the drivers accessing these stacking lanes. There is insufficient space to create new left-turn storage lanes of sufficient length at these driveways resulting in semi-trailers blocking eastbound through traffic while waiting for an opening to make the left turn. Similarly, ground transportation vehicles would need to utilize the left-turn storage lane at the Kūhiō Street intersection contributing to increased congestion there with semi-trailers also making left-turns.

The improved driveway access with stacking lanes for semi-trailers to enter near Kahanu Street should not contribute to increased congestion in that area. However, additional lanes would need to be created along Kalaniana'ole Street to accommodate this Alternative that impacts recent rehabilitation of this road and would reduce lane widths. A new eastbound left-turn storage lane would be needed otherwise semi-trailers would block Kalaniana'ole Street's eastbound through lane waiting to make the left-turn. Furthermore, the new merge lane for semi-trailers exiting Kahanu Street would require another lane and reduce available lane space along Kalaniana'ole Street. This would likely require eliminating the bike lanes provided on both sides of this street along with the new sidewalk constructed on the makai side of the road.

2.3.3 Alternative C - Concept No. 2

Alternative C, Concept No. 2 similarly focused on improvements to the entry and exit of the Harbor for YB, Matson and Pasha as shown on Exhibit 2-5. These improvements were similarly intended to reduce backups into the harbor, traffic congestion and further delays along Kalaniana'ole Street, and allow for expansion of yard area for overseas cargo operations. These improvements would provide new separate stacking lane areas, more space for semi-trailer queues, and reduce the potential for backing up onto Kalaniana'ole Street. A staging area would also be created for cruise ship ground transportation traffic.



Alternative C would expand the existing driveway providing access into the acquired Parcel 4 and add three internal stacking lanes to be shared by Matson and Pasha that bisect the parcel. The stacking lanes would accommodate semi-trailers and enter the Harbor creating a new location centered between Kūhiō and Kahanu Streets. Matson and Pasha would continue to exit the Harbor at Kahanu and Kūhiō Streets, respectively. Semi-trailers would continue to exit using Kahanu Street but utilize a new westbound merge lane created within Kalanianaʻole Street.

As with Alternative B, Concept No. 1, two additional lanes for staging cruise ship ground transportation vehicles would be created expanding Kūhiō Street eastbound. The same improvements at Kūmau Street as under Alternative B would be provided under Alternative C for YB using the acquired Parcels 1 and 2 for access along with creating a new driveway entrance.

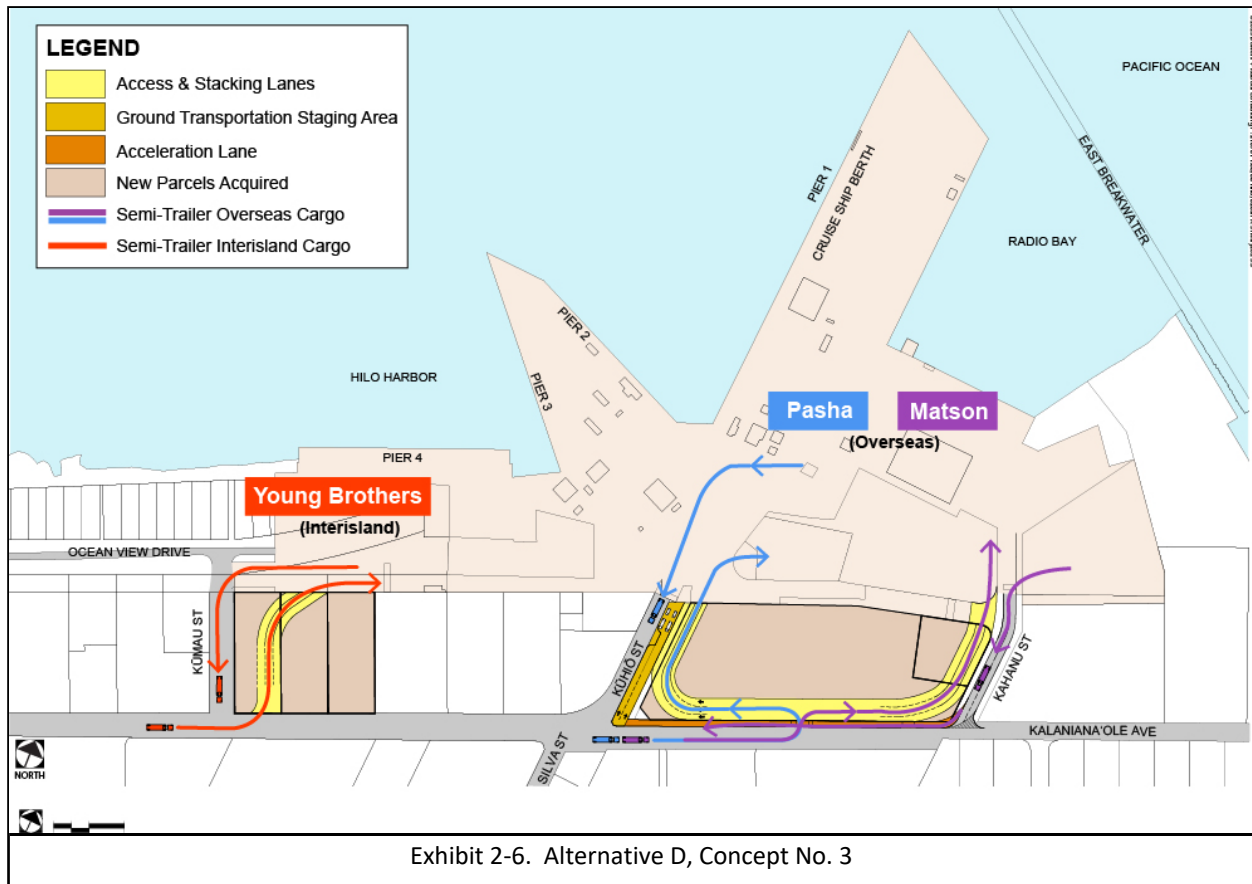
Alternative C was eliminated because the Proposed Action would improve harbor access for semi-trailers while having fewer secondary effects on traffic flow and impacting existing conditions along Kalanianaʻole Street. This Alternative created less potential traffic issues along Kalanianaʻole Street compared to Alternative B (Concept No. 1) with fewer new driveways being created. However, some of the same issues remain such as a new driveway located close to the Kūmau Street intersection creating more turning movements and additional congestion there.

The ground transportation staging area would also create additional congestion near the Kūmau Street intersection with no room to provide a left-turn storage lane. Thus, the eastbound through lane would be delayed from vehicles making left-turns. A new entry point created from the new stacking lane used by Matson and Pasha into the Harbor would require additional security that would increase DOTH's operational costs. The new overseas cargo stacking lane would also divide the acquired Parcel 4 in half reducing the efficiency of additional yard area being available. Alternative B (Concept No. 2) would also need a ramp to transition between Parcel 4 which is higher into the overseas terminal that would reduce the use of the existing overseas terminal and therefore conflict with the objectives of the Project.

Additional lanes would still be required along Kalanianaʻole Street to accommodate these changes. The new merge lane for semi-trailers exiting Kahanu Street would require another lane and reduce available lane space along Kalanianaʻole Street. This would likely require eliminating the bike lanes provided on both sides of this street along with the new sidewalk constructed on the makai side of the road.

2.3.4 Alternative D – Concept No. 3

Alternative D, Concept No. 3 focused on improvements to the entry and exit of the Harbor mainly for Matson and Pasha as shown on Exhibit 2-6. Improvements for YB were the same as under the prior alternatives. As with the other alternatives, two additional lanes for staging cruise ship tour operator vehicles would also be created expanding Kūhiō Street eastbound.



This alternative would improve the existing driveway providing access into the acquired Parcel 4 to create a new stacking lane that extends between Kūhiō Street and Kahanu Street. Three internal stacking lanes could be utilized within this area. The eastbound section of this stacking lane would create a new Harbor access entry location along Kahanu Street for Matson. The westbound section of this stacking lane would create a new Harbor access entry location along Kūhiō Street intended for Pasha’s semi-trailers. Matson and Pasha would continue to exit the Harbor at Kahanu and Kūhiō Streets, respectively. Semi-trailers exiting from Kahanu Street would utilize a new westbound merge lane created within Kalanianaʻole Street.

Alternative D was eliminated because the Proposed Action would improve Harbor access for semi-trailers while having fewer secondary effects on traffic flow and existing conditions along Kalanianaʻole Street. This alternative would separate overseas cargo traffic using the new stacking

lane but creates two new entry points into the harbor requiring additional security and increasing DOT's operational costs. The ground transportation staging area would also create additional congestion near the Kūmau Street intersection with no room to provide a left-turn storage lane impacting the eastbound through lane with delays.

Additional lanes would still be required along Kalaniana'ole Street to accommodate these changes. The new merge lane for semi-trailers exiting Kahanu Street would require another lane and reduce available lane space along Kalaniana'ole Street. This would likely require eliminating the bike lanes provided on both sides of this street along with the new sidewalk constructed on the makai side of the road.

2.3.5 Alternative E - Concept No. 4

Alternative E, Concept No. 4 was similar to Alternative D, but changes were incorporated for the Kūmau Street entrance serving YB as shown on Exhibit 2-7. This alternative would improve an existing driveway providing access onto the acquired Parcel 4 and have a new stacking lane that extends between Kūhiō Street and Kahanu Street. Three internal stacking lanes could similarly be utilized within this area as under Alternative D. However, the eastbound section of this stacking lane would merge onto Kahanu Street before entering the road's security checkpoint. The westbound section of this stacking lane would merge onto Kūhiō Street before entering the security checkpoint at that road. Pasha and Matson would be directed to utilize the Kahanu Street entrance

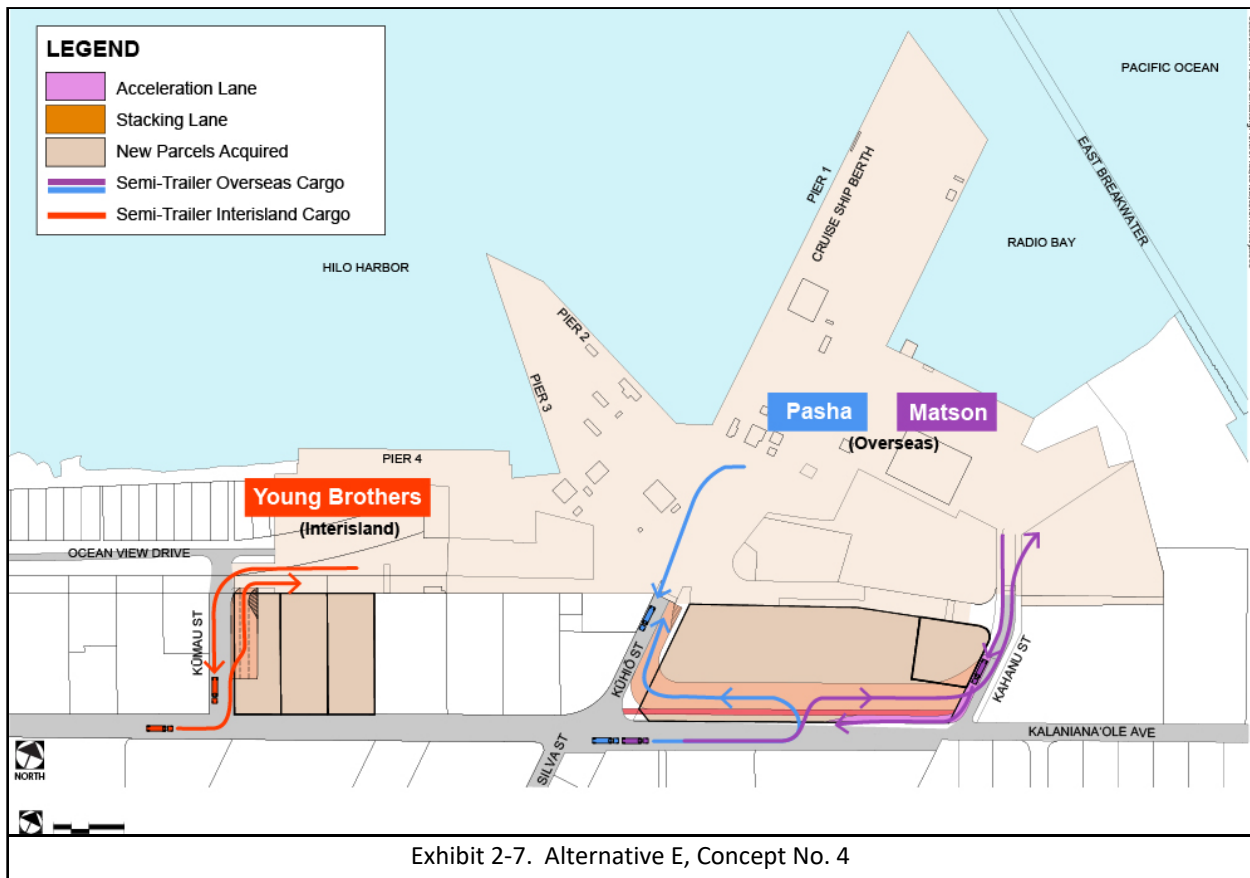


Exhibit 2-7. Alternative E, Concept No. 4

as the main entry point, but the Kūhiō Street entrance could also be utilized. The stacking lane section to Kūhiō Street would also serve as a ground transportation staging area to serve cruise ship passengers.

Semi-trailers exiting from Kūhiō Street would utilize that road as currently. Semi-trailers exiting from Kahanu Street would utilize an acceleration lane that is created along Kahanu Street and within Parcel 4 before merging onto Kalanianaʻole Street before the improved driveway entrance. Using the acquired Parcel 4 for the acceleration lane would eliminate using Kalanianaʻole Street. A 10- or 12-foot-wide shared use path would also be provided within this section between Kūhiō Street and Kahanu Street. This would relocate the existing bike lane and sidewalk through this section due to the traffic from the acceleration lane and creating a new eastbound left-turn storage lane into the stacking lane.

At Kūmau Street, a new stacking lane area would be created within acquired Parcel 1 for YB semi-trailers entering the facility. About three lanes could be created and semi-trailers would merge into a single lane when entering from the existing Harbor security checkpoint at that location.

Alternative Design 4 was eliminated because the Proposed Action would still be better in improving harbor access for semi-trailers while having fewer secondary effects on traffic flow and existing conditions along Kalanianaʻole Street. This alternative does not accommodate ground transportation as well since it would share a portion of the stacking lane leading to Kūhiō Street with semi-trailers. There would be some conflicts with semi-trailer movements entering and exiting from Kahanu Street.

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CHAPTER 3 NATURAL ENVIRONMENT

This chapter discusses the existing natural environment and resources present within the area affected by the project's acquisition of privately-owned parcels and improvements proposed to support Harbor operations and alleviate traffic congestion.

3.1 GEOGRAPHY, TOPOGRAPHY AND SOILS

Climate

Climate on the Island of Hawai'i, as well as within the State of Hawai'i, can be characterized as having low day-to-day and month-to-month variability. Differences in the climates of various areas are generally attributable to the island's geologic formation and topography creating miniature ecosystems ranging from tropical rain forests to dryer plains along with corresponding differences in temperature, humidity, wind, and rainfall over short distances. Average monthly temperatures recorded at Hilo International Airport, located near Hilo Harbor, range from 64 to 83 degrees Fahrenheit (F). Rainfall in the Hilo district is higher than other areas of the island with an average annual rainfall of about 127 inches per year.

The entire state of Hawai'i lies well within the belt of northeasterly trade winds generated by the semi-permanent Pacific high pressure cell to the north and east of the islands. Areas along the eastern coasts of the islands are particularly affected by the trade winds and are usually well-ventilated nearly year-round. Northeast trade winds typically occur during the day, while winds from the southwest typically occur during the night due to cold air drainage from the mountains. The average hourly wind speed at Hilo International Airport experiences mild seasonal variation over the course of the year. Average wind speeds vary from about 10.6 miles per hour (mph), up to 11.6 mph.

3.1.1 Geography

The Island of Hawai'i is the largest of the State's eight major islands, and has a total area that exceeds the rest of the other island areas combined. Geologically, this island is the youngest in the Hawaiian Archipelago with rocks from its earliest volcano indicating an age of about 700,000 years. In contrast, Kaua'i is over 5 million years old. Five shield volcanoes formed the Island of Hawai'i: Kohala, Mauna Kea, Mauna Loa, Hualālai, and Kīlauea. Kohala is considered extinct, Mauna Kea and Hualālai are considered dormant, and Mauna Loa and Kīlauea are active volcanoes (FAI, August 2010).

Because of the highly pervious nature of many of the surface rocks, the island has only a limited number of perennial streams. These streams are found on the eastern (or windward) slopes of Mauna Kea and Kohala Mountain. A few streams flow perennially in their upper reaches but lose their water flowing over the permeable ground well before reaching the coast. There are no perennial or intermittent streams located within the project area or Harbor facility.

There is little evidence of extensive coastal-plain sedimentation and of deep erosion, except in the northeastern slopes of the Kohala and Mauna Kea mountains. As a result, sedimentary materials are sparse and scattered. They include alluvium, talus, dune and beach deposits, and glacial deposits on Mauna Kea. The area around the Harbor consists of Mauna Loa's prehistoric lavas that are of the Laupahoehoe volcanic series (FAI, August 2010). There are no significant geological landforms present on these parcels or within the Harbor. The properties proposed for acquisition are all developed and predominantly paved with concrete or asphalt as part of industrial and business activities occurring on them.

Project Effects on Geography

The project would not have a significant long-term or short-term impact on the existing geography associated with the five properties proposed for acquisition along with the Harbor facility and associated roads. The properties to be acquired are already developed and used for various industrial and commercial activities.

Project improvements would involve demolishing some buildings and structures so that paved areas can be used to improve existing Harbor entrances by creating stacking lanes, roadway improvements, or using open space and existing structures to support both interisland and overseas cargo operations. These activities would not involve substantial changes to the existing geography and no important geologic landforms would be affected. No major cut or fill activities would also be required that would significantly alter the underlying geography.

3.1.2 Topography

The topography associated with properties to be acquired, areas within the Harbor being improved, and associated roadways is generally level and gently slopes in a makai direction (north) from Kalaniana'ole Street to the shoreline within the Harbor. This entire area is developed with industrial and commercial uses along with roadways that have altered the topography from grading activities to initially construct these facilities.

Elevations along Kalaniana'ole Street between Kūmau Street and Kahanu Street vary between 16 and 18 feet above mean sea level (AMSL). The five properties to be acquired are situated along Kalaniana'ole Street and are fairly level. These properties along with the surrounding area have a grade of less than 1.0 percent.

Project Effects on Topography

The acquisition of properties would have no effect on the current topography of this area. Proposed improvements using these properties would have minimal short- or long-term impact on the existing topography. These sites were previously graded to create foundations for buildings and other structures built on the properties which includes the Harbor and affected roadways.

The project would involve some short-term effects involving demolishing some buildings and structures so that paved areas can be used to improve existing harbor entrances (e.g. stacking lane) or create more open space for cargo operations and ground transportation staging. Some minor grading activities may be required to level out areas used or address drainage requirements. Other minor accessory improvements would include constructing security fencing, signage, and some work within road right-of-way. However, this work would not involve major cut or fill activities and should thus have minimal short-term effect on the existing topography and no negative long-term effects once completed. Design plans would be prepared which would be reviewed by agencies for compliance with applicable regulations, agency requirements, or obtaining ministerial permits (e.g., grading permit) to avoid significant impacts from occurring.

3.1.3 Soils

Based upon the U.S. Department of Agriculture, Soil Conservation Service's (now the Natural Resources Conservation Service) *Soil Survey of Island of Hawai'i*, the project area along with the larger region extending out to Hilo International Airport, Keaukaha, and toward Hilo town is identified as the Keaukaha Series, extremely rocky muck with 6 to 20 percent slopes (rKFD) (SCS, 1973). The Keaukaha Series consists of well-drained, thin organic soils overlying pāhoehoe lava bedrock, which occupy the low areas of Mauna Loa. This type of soil is found in areas ranging from sea level to about 1,000 feet and receives from 90 inches to 150 inches of rainfall annually. The following description is provided of this soil type.

- Keaukaha Series (rKFD) This soil is near the city of Hilo. It is undulating to rolling and follows the topography of the underlying pāhoehoe lava. Rock outcrops occupy about 25 percent of the area. The surface layer is very dark brown muck about 8 inches thick. It is underlain by pāhoehoe lava bedrock. This soil is strongly acid. The natural vegetation consists of 'ōhi'a, tree fern, uluhe fern, and guava. These soils and Kīloa, 'Ōla'a, Pana'ewa, and Pāpa'i soils are in the same general area (SCS, 1973).

Project Effects on Topography

Acquisition of the properties would have no effect on the existing soils underlying these parcels. Proposed improvements using these properties would have minimal short- or long-term impact on the existing soil as well. These sites were previously graded to create foundations for buildings and other structures built on the properties which includes the Harbor and affected roadways.

Demolishing some buildings and structures necessary for proposed improvements would have minimal short-term construction related effects on existing soils as most of these structures have concrete or other types of foundations present. Grading activities to improve existing harbor entrances, roadway improvements, or using open space to support both interisland and overseas cargo operations should similarly have minimal impact on underlying soils. No major cut or fill activities would be required that could significantly alter the underlying soils, and no significant importing or exporting of materials is expected. It is anticipated that areas cleared would be repaved to create suitable cargo yard operating areas along with the Harbor entrance and roadway

improvements. Once construction is completed, there would be no long-term significant impacts on soil such as erosion.

Construction work associated with project improvements would inevitably involve some temporary land-disturbing activities that could cause minor short-term effects and nuisances. Such effects may be associated with some soil erosion during periods of heavy rainfall or high winds. Various minimization measures using standard construction best management practices (BMPs) will be incorporated into the project's design to minimize potential short-term effects. Such measures would be instituted following site-specific assessments during the project's design phase, and could incorporate structural and non-structural BMPs, as deemed appropriate. Such BMPs considered may include the following measures:

- Installing a perimeter construction fence.
- Using controlled watering to allay dust during the demolition work.
- Collecting and placing building debris, as it is created, into roll-off bins or trucks for hauling and removal from the site.
- Installing silt fences, snake bags or other means to mitigate silt laden runoff from leaving the site.
- Installing stabilized construction entrances, tire wash areas, and concrete washout areas.
- Use of temporary sprinklers in non-active construction areas and stationing water trucks nearby during construction to provide sprinkling in active areas.
- Thorough watering of disturbed areas after construction activity has ceased for the day.

The actual measures implemented would be developed during the project's final design and comply with applicable erosion and sedimentation control regulations. Design plans will be submitted to pertinent agencies for ministerial review and approval. A State Department of Health (DOH) National Pollutant Discharge Elimination System (NPDES) permit for construction activities would also be obtained.

3.2 NATURAL HAZARDS

This section addresses natural hazards that may be applicable to the project which consists of earthquakes, lava flows, hurricanes, tsunami and flooding hazards, sea level rise, and wildfires.

3.2.1 Seismic Hazards

Earthquakes in the State are mainly associated with volcanic eruptions resulting from the inflation or shrinkage of magma reservoirs beneath the surface of the earth, which shift segments of the volcano. Volcanism is the source of energy for approximately 95 percent of the earthquakes on the Island of Hawai'i (USGS, January 2002).

The Island of Hawai‘i experiences thousands of earthquakes each year, however, most are so small that they can only be detected by instruments. There are some earthquakes strong enough to be felt, and a few cause minor to moderate damage. Most of this island’s earthquakes are directly related to volcanic activity and are caused by the movement of magma within Kīlauea or Mauna Loa. A few quakes are related to movements along fault zones located at the base of the volcanoes or deeper within the crust.

Seismic tremors on the island have caused ground cracks, landslides, ground settlement, tsunami, and mudflows. Strong earthquakes of magnitude five or higher on the Richter Scale can cause property damage and endanger lives. The locations of larger damaging earthquakes of magnitude 6 or greater since 1868 on the Island of Hawai‘i have generally occurred on the southern half of the island primarily on the eastern end. The most recent large earthquake occurred in May 2018 with a magnitude of 6.9 at a distance of about 11 miles southeast of Leilani Estates in Puna (USGS, 2023). The seismic risk for the entire Island of Hawai‘i is Zone 4 Seismic Probability Rating (Uniform Building Code, Appendix Chapter 25, Section 2518). Zone 4 areas are at risk from major earthquake damage, especially to poorly designed and/or built structures.

Project Effects from Seismic Hazards

A few earthquakes may cause minor to moderate damage. Larger damage causing earthquakes (magnitude 6 or greater) have generally occurred on the southern half of the island primarily on the eastern end. The acquisition of proposed properties should not be affected by earthquakes unless a significant one occurs before they are acquired that affects the appraisal price due to damaged buildings and structures. Such a situation would not prevent the acquisition from occurring but may delay the process and negotiations.

Proposed improvements utilizing these acquired properties should not be significantly impacted by earthquakes. Demolishing some buildings and structures necessary should not be significantly affected by earthquakes. Other improvements primarily involve pavement improvements (e.g., stacking lane, roadways, etc.) that should not be significantly impacted by a large earthquake as compared to structures. Other accessory improvements, such as signage, may receive some damage but can be repaired without significantly impacting harbor operations.

However, earthquakes cannot be avoided or predicted with any degree of certainty, and an earthquake of sufficient magnitude (greater than 6 on the Richter Scale) may cause structural or other damage to the project improvements. Under the Seismic Probability Rating of Zone 4, these areas are particularly at risk from major earthquake damage if poorly designed or constructed. Improvements would be designed and constructed in accordance with applicable State and County design standards and building codes, which will help minimize effects from an earthquake. Therefore, the susceptibility of being damaged from an earthquake would be no different from other structures or buildings present in the surrounding area.

3.2.2 Lava Flow Hazards

Volcanoes in Hawai'i usually erupt either at their summits where lava collects, and may over-flow from craters called calderas, or along their flanks through fractures called rift zones. The hazard is associated with lava flows, explosive eruptions, airborne lava fragments, poisonous and corrosive volcanic gases, and ground cracks and settling. Lava flows usually do not endanger human life, however, loss of property and economic devastation are the most frequent consequences. At the coastal zone with diminished slope in topography, flowing lava tends to slow and spread laterally causing damage along the shoreline (USGS, 2002).

A lava flow hazard zone map divides the island into zones ranked from 1 through 9 based on the occurrence probability of lava flows, with 1 indicating the greatest risk and 9 the least. Based upon this map shown on Exhibit 3-1, the project site and Hilo town area have a Hazard Zone Rating of 3. Zone 3 areas have experienced 1 to 5 percent lava coverage since 1800 and 15 to 75 percent coverage in the last 750 years (USGS, 2002). Recent volcanic activity and lava flows from Mauna Loa and Kilauea Volcanos have not affected the Hilo town region.

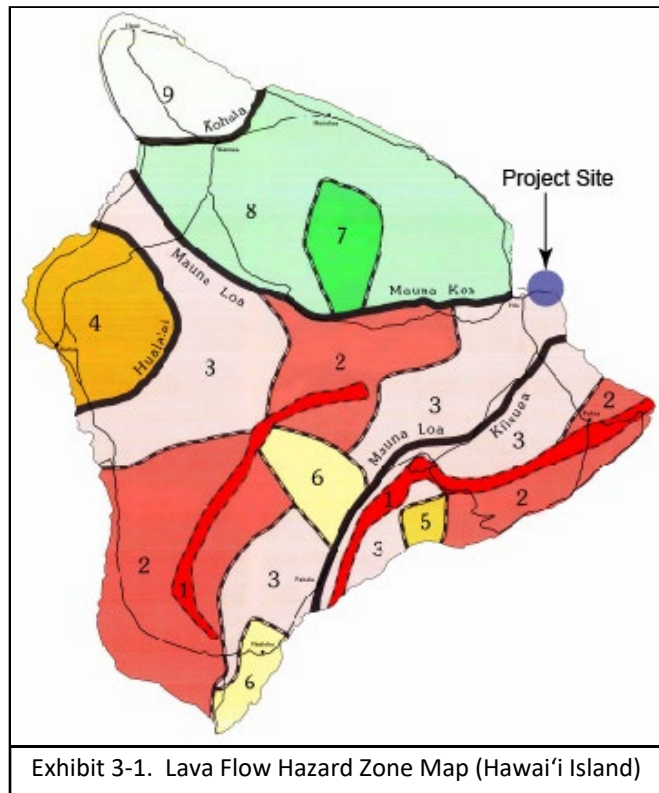


Exhibit 3-1. Lava Flow Hazard Zone Map (Hawai'i Island)

Project Effects from Lava Flow Hazards

The acquisition of proposed properties should not be affected by lava flows unless an unusual and significant eruption occurs resulting in lava flows toward the Harbor before they are acquired. Such a situation would affect the appraisal price and purchase feasibility due to damaged properties. However, this situation is not likely to occur given the history of past and current flows.

Improvements utilizing the acquired properties should not be significantly impacted by lava flows given the history, recent flows, and the Lava Hazard Zone 3 Rating. As previously discussed, Zone 3 reflects a low percentage of coverage experience since 1800 (1% to 5%). Demolishing some buildings and structures necessary should not be affected by lava flows. Other improvements primarily involve pavement improvements (e.g., stacking lane, roadways, etc.) that should not be impacted by lava flows into this region. The project would not be subject to additional risk than other surrounding developments in the Hilo town area.

3.2.3 Hurricane Hazards

Hurricanes are one type of tropical cyclone affecting the State that also include tropical storms and tropical depressions. Hurricanes are tropical storms with winds equal to or greater than 74 miles per hour. Hurricanes typically dissipate when making landfall, where there is less available moisture that can enter the hurricane system. They have affected every island and can cause major damage and injury usually resulting from high winds, marine over-wash, heavy rains, and other intense small-scale winds and high waves.

Exhibit 3.2 shows the paths of prior hurricanes and tropical storms that affected the Hawaiian Islands from 1950-2016 based upon information from the National Oceanic Atmospheric Administration (NOAA). Hurricane Darby recently impacted the State in the summer of 2016, bringing heavy rain and widespread flash flooding to windward areas across the state. The

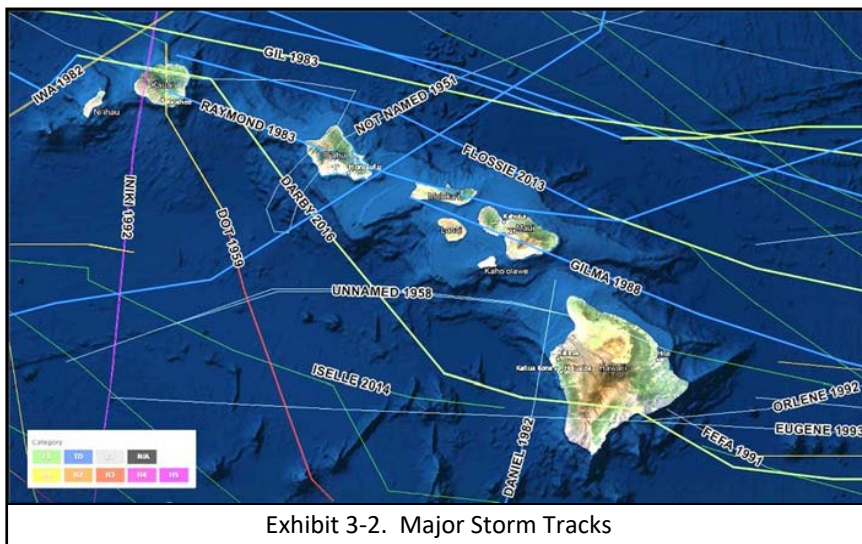


Exhibit 3-2. Major Storm Tracks

The Central Pacific basin had a record number of storms (15) in 2015. Not all of these storms pass directly through the state, and actual hurricane strikes on the Hawaiian Islands are relatively rare in the modern record. More commonly, hurricanes pass close to the islands generating large swells and moderately high winds causing varying degrees of damage (USGS, 2002). Of these storms, Hurricanes Dot (1959), Iwa (1982) and Iniki (1992) directly hit the Island of Kaua‘i. The most recent, Hurricane Iniki, hit Kaua‘i as a Category 4 hurricane, causing nearly \$2 billion in damage, more than any other hurricane to affect the state since records began.

Project Effects from Hurricanes

The three major elements making a hurricane hazardous are: 1) strong winds and gusts; 2) large waves and storm surge; and 3) heavy rainfall (FEMA, 1993). Impacts from hurricanes can thus be severe and lead to beach erosion, large waves, high winds, and marine over-wash despite the fact that the hurricane may have missed a particular island (USGS, 2002). Study of the aftermath of Hurricane Iniki found that a significant threat related to hurricane overwash along the coastline in the Hawaiian Islands is due to water-level rise from wave forces rather than wind forces.

A hurricane of significant strength and high winds passing directly over or close to the Island of Hawai‘i could cause damage to Hilo Harbor and project improvements. The acquisition of proposed properties should not be affected by a hurricane unless a significant one occurs before they are acquired that affects the appraisal price due to damaged buildings and structures.

However, such a situation would not prevent the acquisition from occurring but may delay the process and negotiations.

Proposed improvements are located a sufficient distance away from the harbor shoreline and should not be affected by large waves or storm surge. Heavy rainfall and high winds may cause some damage to project improvements made within the acquired parcels, but this should be limited because most improvements would be pavement related creating stacking lanes, staging areas, and other roadway improvements. Demolishing some buildings and structures necessary should not be affected by a hurricane. Existing structures utilized for cargo operations along with other accessory improvements, such as signage, could receive some damage but can be repaired without significantly impacting harbor operations.

Improvements to harbor entry locations and other measures to reduce traffic along Kalanianaʻole Street would have a positive benefit for the community and harbor users in the event evacuation of this coastline area is necessary. There should be sufficient warning available for the public allowing necessary evacuation of the area prior to a hurricane impacting the area, and project improvements would support this with improved traffic conditions. In addition, other state and County roads generally routed along the Hilo International Airport property could be used by the public as alternate routes in evacuating the area.

To minimize potential hurricane damage to facilities, structures and other improvements would be designed and constructed in conformance to applicable State and County design standards and building codes, which will help minimize effects. Therefore, the susceptibility of being damaged from a hurricane would be no different from other structures or buildings present in the surrounding area.

3.2.4 Tsunami Hazards

Tsunamis are caused by sudden movement of the seafloor that generates a series of waves which travel across the ocean until they reach a coastline. Seafloor movements may include faults, landslides, or submarine volcanic eruptions. Landslides originating either under the sea or above sea level and then sliding into the water may also generate a tsunami. Tsunami manifest as either large breaking waves, often largest around headlands where they are concentrated by wave refraction, or as rapidly rising sea levels like a flooding tide. The high degree of volcanism and seismic instability in and around the Pacific Ocean has contributed to a history of tsunami occurrences in Hawaiʻi (USGS, 2002).

The coastline of the Hawaiian Islands is under the continuous threat of tsunami inundation because this region is one of the most geologically active regions on Earth. The geography of the shoreline plays an important role in the form of the tsunami. Tsunami waves may be very large in an embayment, actually experiencing amplification in long funnel-shaped bays. Fringing and barrier reefs appear to have a mitigating influence on tsunamis by dispersing wave energy (USGS, 2002). In March 2011, a massive tsunami was generated from a large earthquake off the coast of Tohoku, Japan which affected the state and Island of Hawaiʻi causing some property damage. This tsunami

resulted in Hilo Harbor being temporarily closed and the harbor experienced a mix of wave oscillations but no significant damage.

The tsunami evacuation map for this Hilo area on Figure 3.1 shows the minimum safe evacuation distance from shoreline areas in the event of a tsunami. The evacuation area generally extends inland from the harbor up to the Hilo International Airport's runways. As a result, the existing parcels being acquired along with Hilo Harbor are within the evacuation area.

Project Effects from Tsunamis

The acquisition of proposed properties should not be affected by a tsunami unless a significant one occurs before they are acquired that affects the appraisal price due to damaged buildings and structures. However, such a situation would not prevent the acquisition from occurring but may delay the process and negotiations.

Although located a sufficient distance away from the harbor shoreline, a tsunami has the potential to damage existing structures and other improvements constructed under this project. The closest is Parcel 1 about 350 feet from the shoreline and Parcel 4 is about 600 feet away. Damages occurring should be limited because most improvements would be pavement related creating stacking lanes, staging areas, and other roadway improvements. Demolishing some buildings and structures necessary should not be affected by a tsunami. Other remaining existing structures utilized for cargo operations along with other new accessory improvements, such as signage, could receive some damage but can be repaired without significantly impacting harbor operations.

Improvements to harbor entry locations and other measures to reduce traffic along Kalaniana'ole Street would have a positive benefit for the community and harbor users in the event evacuation of this coastline area is necessary on short notice associated with a tsunami. Improved traffic conditions from the project would be beneficially important in helping alleviate traffic congestion along Kalaniana'ole Street for the public and accessing higher areas closer to the airport. The availability of other state and County roads generally routed along the Hilo International Airport property would also be used by the public as alternate routes in evacuating the area. Reduced congestion allowing the public to access Silva Street would be such a benefit.

To minimize potential damage, new facilities, structures, and other improvements would be designed and constructed in conformance to applicable State and County design standards and building codes. Therefore, the susceptibility of being damaged from a tsunami would be no different from other structures or buildings present in the surrounding area.



LEGEND

- Land Acquisition Parcels
- Tsunami Evacuation Zones

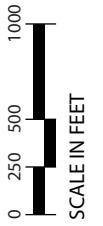


Figure 3.1
TSUNAMI EVACUATION AREA MAP

3.2.5 Flood Hazards

The Federal Emergency Management Agency (FEMA) flood hazard area classifications are used to gauge flood hazard risk for the project area. Annual rainfall along this Hilo coastline is higher than other areas of the island with an average annual rainfall of about 127 inches per year. Hilo Harbor along with surrounding areas are thus subject to flooding and also subject to coastal flooding from wave action being situated along the shoreline. Figure 3.2 shows the flood hazard areas for this project area.

Using the State's Flood Hazard Assessment Tool (FHAT), certain parcels fall within the flood hazard area based upon Flood Insurance Rate Map (FIRM) number 1551660910F (effective September 29, 2017) published by FEMA. Parcels 1 to 3 are designated as Zone X for areas determined to be outside the 0.2% (500-year) annual flood chance. Parcels 4 and 5 situated between Kūhiō Street and Kahanu Street are designated as Zone AE, special flood hazard areas subject to inundation by the 1% annual chance flood (100-year flood). Base flood elevations (BFE) have been determined for these areas. Parcels 4 and 5 generally have BFEs ranging from about 16 to 18 feet AMSL. Parcel 4 also has a portion of the parcel situated within Zone VE that is a coastal flood zone with velocity hazard (wave action).

Project Effects from Flood Hazards

The acquisition of proposed properties should not be affected by flooding unless a significant event occurs before they are acquired that affects the appraisal price due to damaged buildings and structures. However, as with most other natural hazards discussed, such a situation would not prevent the acquisition from occurring but may delay the process and negotiations.

Overall, the project should have minimal short- or long-term impact on potential flood hazards associated with the acquired parcels and existing Harbor facility. Demolishing some buildings and structures necessary should not be affected by current flood conditions nor would it significantly change existing flooding conditions. Other remaining structures utilized for cargo operations are already existing and would not change flood conditions. Other new accessory improvements, such as signage and gate improvements, should have minimal effect on existing flood conditions because poles, etc. would be small and not large enough to change the overall flow and drainage conditions in the area.

The majority of improvements would be to existing ground conditions involving minor grading, repaving areas, etc. to support the stacking lane, staging areas, and roadway improvements. Existing drainage patterns should not be significantly altered which generally flow in a makai direction utilizing existing drainage systems (inlets) toward the harbor and eventual discharge at the shoreline. Therefore, existing flood hazard conditions within the harbor facility along with other adjacent existing uses along the shoreline should not be changed or significantly impacted by the project.

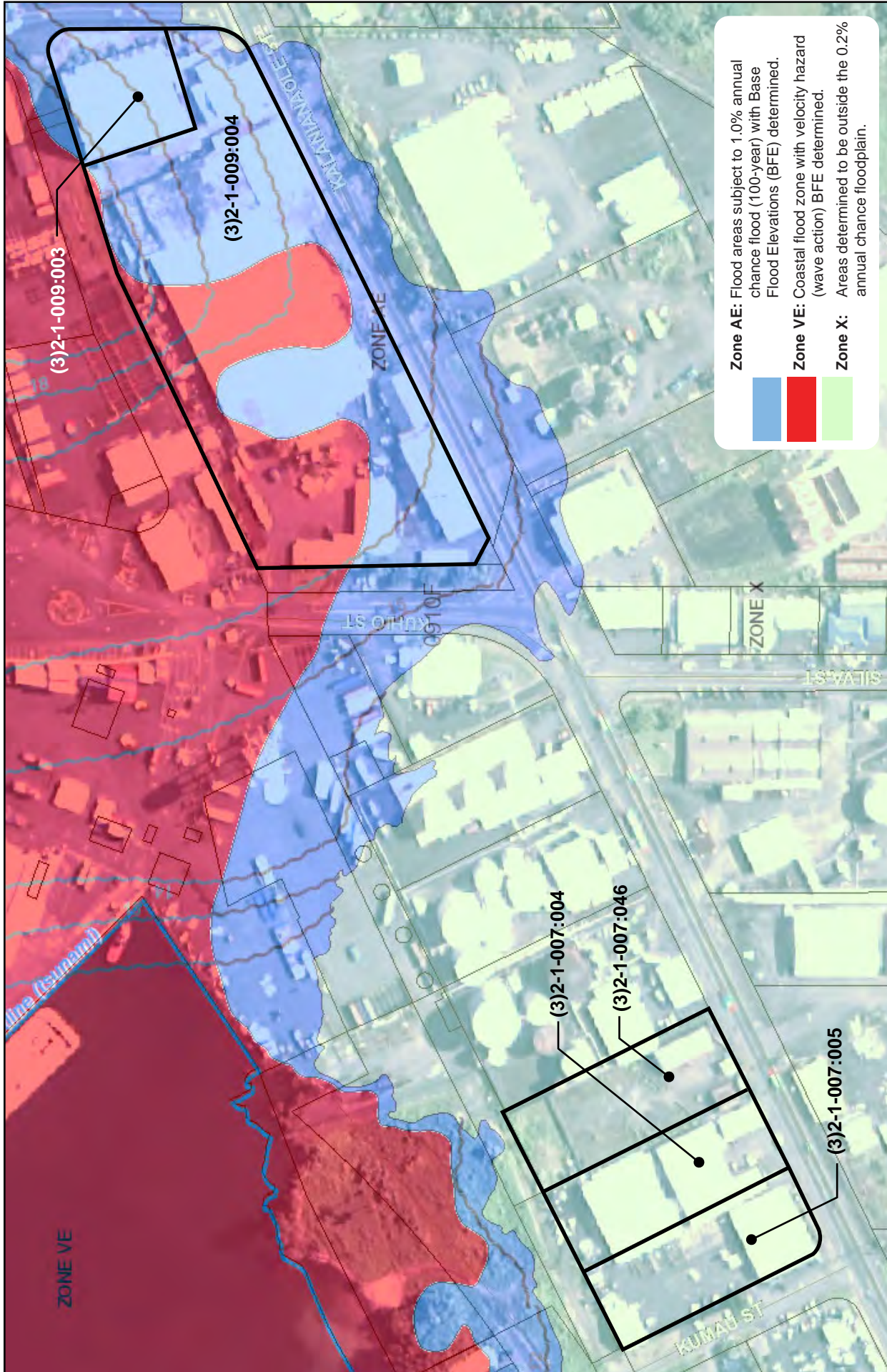


Figure 3.2
FLOOD INSURANCE RATE MAP

During the design phase, necessary drainage studies would be conducted to address refinements to present drainage conditions within these acquired parcels and improvements. Improvements would be designed and constructed in conformance with applicable State and County design standards and building codes, particularly for Parcels 4 and 5 situated within special flood hazard areas.

3.2.6 Climate Change, Sea Level Rise and Wildfires

Climate Change

Climate is generally defined as the “average weather” in a location, including patterns of temperature, precipitation, humidity, wind, and seasons. Climate change refers to a long-term shift in established patterns. Scientific observation shows earth’s climate has warmed, with changing climatic conditions attributed to rising levels of carbon dioxide and other “greenhouse gases” generated by the burning of fossil fuels. These greenhouse gases trap heat in the atmosphere, causing the earth to warm. This results in wide-ranging impacts including rising sea levels; melting snow and ice; extreme heat events; fires and drought; and extreme storms, rainfall, and floods. Scientist project that these trends will continue, posing potential risks to human health, forests, water supplies, coastlands, and other natural resources.

Global sea levels are rising due to ocean thermal expansion and the melting of ice sheets and glaciers. As the climate and oceans continue to warm, it is projected that global mean sea levels will rise at an increasing rate over the next century and beyond. The Intergovernmental Panel on Climate Change (IPCC), established in 1988, is the leading international body for the assessment of climate change.

In Hawai‘i, climate change effects include rising air temperatures, rising sea levels, and warmer, more acidic coastal waters. Sea level rise can exacerbate coastal hazard impacts and render low-lying coastal areas more vulnerable to tsunami inundation, storm surge, and high-water events. Similarly, as sea levels and the adjacent landside water tables rise, coastal areas will experience drainage issues and an increased risk of flooding, especially during heavy rainfall events.

The U.S. Global Change Research Program (USGCRP) has been mandated by Congress to provide assistance on a national and global level so individuals can understand, assess, predict, and respond to human-induced and natural processes of global change. USGCRP’s 2014 Third National Climate Assessment evaluated existing and future impacts of climate change on the United States. Assessment efforts confirmed island communities such as Hawai‘i are especially vulnerable to climate change risk because of their small size, low elevation, remote geographic location, and concentration of infrastructure along coastlines (Leong et al, 2014).

The assessment projected temperatures in Hawai‘i would rise by 1.5 degrees Fahrenheit (F) to 3.5 degrees F by the mid-century. Hawai‘i has recently experienced decreasing precipitation with the USGCRP projecting that in the future, the state would experience a small decrease in precipitation during the wet season and a small increase during the dry season. Climate change is expected to

result in reduced ground and surface water supplies, less freshwater availability, and increasing likelihood of drought. At the same time, some areas may receive heavier rainfall that can cause flooding, overloading water infrastructure systems or causing sewage contamination.

In 2014, the University of Hawai‘i at Mānoa Sea Grant College Program (UH Sea Grant) prepared a climate change impacts report. This report provided a foundational understanding of how global climate change affects state ecosystems and resources (UH Sea Grant, 2014). The study provided the following summary of current and projected climate change impacts:

- The rate of warming air temperature in Hawai‘i has quadrupled in the last 40 years to over 0.3 degrees F (0.17 degrees C) per decade. This warming could cause thermal stress for plants and animals and heat-related illnesses in humans as well as expanded ranges for pathogens and invasive species.
- A decrease in the prevailing northeasterly trade winds which drive orographic precipitation on windward coasts has been recorded over the last 40 years.
- Hawai‘i has seen an overall decline in rainfall in the last 30 years, with widely varying precipitation patterns on each island. It is projected that Hawaii would see more drought and heavy rains causing more flash flooding, harm to infrastructure, runoff, and sedimentation.
- Declining precipitation trends have caused a decrease in stream base flow over the last 70 years and could reduce aquifer recharge and freshwater supplies and influence aquatic and riparian ecosystems and agriculture.
- Sea surface temperatures have warmed between 0.13 degrees F and 0.41 degrees F per decade in the Pacific for the last 40 years. This trend is projected to accelerate and can influence ocean circulation and nutrient distribution.
- Global ocean acidity has increased by 30% due to marine uptake of CO₂, correlating to a pH change of 0.1. Acidification is expected to continue and could trigger a wide range of impacts on marine biota.
- Sea levels have risen over the last century on each island. On Oahu, this averaged 0.6 inches (1.5 cm) per decade, which has contributed to shoreline recession. Rates of rise are projected to continue resulting in a 1- to 3-foot rise or more by the end of the century. Sea level rise would exacerbate coastal inundation, erosion hazards, beach loss, and damage to infrastructure in low-lying areas.
- Threats to human health posed by Hawaii’s warming climate may include increased heat-related illness and wider ranges of vector-borne diseases such as dengue fever.

Sea Level Rise

Based on measurements at Honolulu Harbor, the mean sea level has increased at an average rate of 1.48 ± 0.21 millimeters (mm) per year (5.88 inches per century) between 1905 and 2017. This rate is less than the global average rate of sea level rise of 1.7 -1.8 mm per year during the 20th century (NOAA, 2018).

The Sea Level Rise and Coastal Land Use Policy Toolkit published by the UH Sea Grant in 2011 suggests, “the governor or state legislature should direct state agencies to incorporate a sea-level rise benchmark of 1-foot-by-2050 and 3-feet-by-2100 in planning and permitting processes and decision-making” (CICAP, 2011). Geographic Information System data available from NOAA’s web viewer for sea level rise and coastal flooding showed that a 1-foot projected sea level rise would have minimal change along the Harbor and adjacent shoreline areas. A 3-foot projected sea level rise similarly would not impact the Harbor and has minimal effect on surrounding areas, as indicated in Exhibit 3-3. Light blue colored areas along the shoreline in this Exhibit show the areas affected by sea level rise.



Exhibit 3-3. NOAA Projected 3-Foot Sea Level Rise
(Source: <http://coast.noaa.gov/slr/>)

Effects from Climate Change and Sea Level Rise

Overall, the project should have minimal if any short- or long-term impact from or contribute to increased climate change and sea level rise. The acquisition of proposed properties would be an administrative action that would not be affected by or contribute to changes in climate change or sea level rise.

The project would involve demolishing some buildings and structures necessary to allow for improvements to occur. The majority of improvements would be to existing ground conditions involving minor grading, repaving areas, etc. to support the stacking lane, staging areas, and roadway improvements. Other remaining structures that may be utilized to support cargo operations already exist. New accessory improvements would involve minor structures such as signage and gate improvements. These improvements occur primarily within the acquired parcels, adjacent roadways and harbor areas that are situated away from the shoreline. As shown on Exhibit 3-3, a 3-foot sea level rise would not affect the Harbor or their existing piers along the shoreline. Therefore, the project should not be affected by or contribute to issues associated with sea level rise in this area.

Proposed improvements would improve harbor entry locations and thereby reduce congestion and improve traffic flow along Kalanianaʻole Street for both harbor users and the community. Stacking lanes and ground transportation stage areas would reduce idle time for trucks and vehicles supporting cruise passengers. Vehicles waiting for passengers could turn off their engines waiting in the staging area instead of idling along the street or other areas trying to minimize disruption to traffic flow. Improved traffic flow and reduced idling would result in lower fuel emissions from trucks and vehicles having a positive long-term benefit on greenhouse gas emissions and climate change.

Wildfires

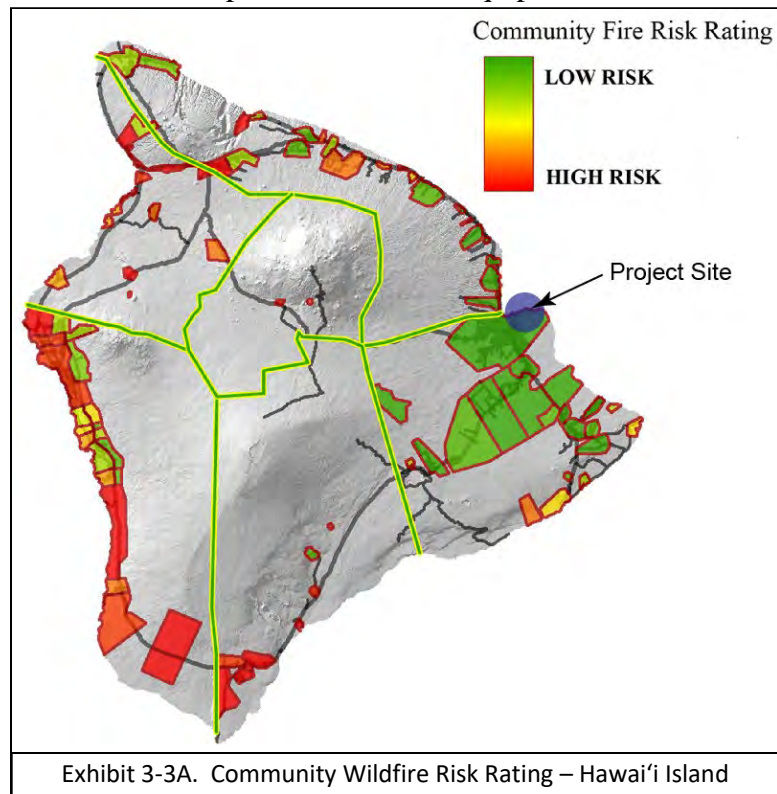
Wildfires are uncontrolled fires that burn wildland vegetation, often occurring in undeveloped or rural areas. Increased wildfires in the State have been occurring from declining managed agricultural land leaving more fire-prone dry invasive grasses and shrubs, and the changing native Hawaiian wilderness to one comprised of drying grasslands. Prolonged periods of drought exacerbated from climate change also contribute to these conditions. Human caused ignitions are the main cause (95%) of starting wildfire incidents. Statewide, data from 2002 to 2012, indicated that about 76 percent were accidentally caused, 19 percent were intentional, and 5 percent from lava and lightning. Accidental ignitions include campfires, fireworks, equipment, and vehicles (HWMO, 2013).

Communities in the State are given various wildfire risk ratings. The Hilo and Keaukaha regions have been given a “Low Risk” designation as shown on Exhibit 3-3A based upon a map prepared by the Hawaiʻi Wildfire Management Organization (HWMO). The Harbor facility and five properties proposed for acquisition are thus within the Low Risk rating area (HWMO, 2013).

Effects on Wildfires

The project would not have a significant impact on or increase the potential for causing wildfires in the area. The project area is within a

Low Risk area that includes Hilo town and the Keaukaha area. The properties proposed for acquisition are situated within a heavily industrialized and urbanized area with the expansive Hilo International Airport encompassing large areas located inland (mauka) of the project area. Areas further inland consist of undeveloped forested areas. This eastern region is also one of the wetter



areas of the island, receiving an average annual rainfall of about 127 inches per year. Undeveloped areas are thus not as dry and fire-prone as other dryer regions of the island.

The project would involve demolishing some buildings and structures necessary to allow for improvements to occur. The majority of improvements would affect ground conditions involving minor grading, repaving areas, etc. to construct the stacking lane, staging areas, and roadway improvements. Such urban improvements would not involve creating unmanaged grassland and thus not contribute to conditions making these properties and the Harbor facility more fire-prone from wildfires. Project improvements would also include the removal of hazardous materials that may be present since these properties have been used for various industrial activities (auto repair, chemical warehouse use, vehicles storage, etc.). Removals of such flammable materials would have a positive environmental benefit by reducing the potential for human caused ignitions which are the main cause (95%) for starting wildfires.

3.3 BOTANICAL RESOURCES

A terrestrial natural resources survey of the parcels proposed for acquisition was conducted by AECOS, Inc. A copy of their report is included in Appendix C of this document.

3.3.1 Existing Vegetation

The botanical survey was conducted in February 2022. Most of these developed parcels have small, landscaped setback areas between a building and a perimeter fence or roadway and other disturbed areas supporting mostly weeds. Near some buildings are small areas of landscaping, but most of the vegetation occurs in these setback areas as weedy growth around discarded mechanical equipment and cars (Exhibit 3-4) or growing within paved parking areas. The parcels proposed for acquisition can be described as a light industrial site with a highly disturbed habitat comprised of weedy grasses and shrubs, and a few ornamental plantings.



A listing of plants recorded during the survey is presented in Table 1 of Appendix C. A total of 64 species were observed as occurring on the properties proposed for acquisition. None of these species were native. All are introduced species that have become naturalized or are used as ornamentals. Two are early Polynesian introductions: 1) coconut, *niu* (*Cocos nucifera*); and 2) *noni* (*Morinda citrifolia*). Both species are very common throughout the Islands. No federally and/or state-listed threatened, endangered, or candidate plant species or rare Native Hawaiian plants were observed during the survey effort. No federally delineated Critical Habitat for any botanical species occurs within the properties proposed for acquisition or surrounding area.

3.3.2 Project Effect on Vegetation

The acquisition of these properties would have no effect on existing vegetation present since it would involve an administrative action transferring ownership to the State of Hawai‘i. The project should similarly have no negative short- or long-term impact on botanical resources. No plants listed by either state or federal statute as threatened or endangered were found on the various parcels.

Although 3 percent of the extant plant species are early Polynesian introductions (“canoe plants”), none are rare in the Islands. Therefore, no adverse impacts to rare or culturally sensitive or listed plant species would result from the project that involves demolishing certain buildings and structures and constructing a stacking lane, staging areas, roadway improvements, and other accessory items. By definition, naturalized plants are capable of propagating and distributing on their own in Hawai‘i. In a sense, all could be considered “invasive”, since a case could be made that each causes some level of harm to agriculture, natural resources, economy, or human health.

Soil and plant material moved between worksites may contain invasive fungal pathogens (e.g., Rapid ‘Ohi‘a Death), vertebrate and invertebrate pests (e.g., Little Fire Ants, Coconut Rhinoceros Beetles), or invasive plant parts that could harm other native species and ecosystems. Short-term construction activities would thus try to minimize the movement of plant or soil material between worksites due to the potential for invasive fungal pathogens or pests being present. The design phase would also consider consulting with the Big Island Invasive Species Committee to help identify measures to minimize the spread of these pathogens or pests, as appropriate. Best management practices incorporated in design plans would address cleaning equipment and personnel of excess soil and debris to minimize the risk of spreading invasive species.

3.4 AVIAN AND MAMMALIAN RESOURCES

A terrestrial natural resources survey of the parcels proposed for acquisition was conducted by AECOS, Inc. and a copy of their report is included in Appendix C of this document.

3.4.1 Existing Avian and Mammalian Resources

A survey for birds was conducted in the morning hours of February 1, 2022. Birds were identified to species by audio and visual observation and by listening for vocalizations. Avian species abundance was estimated from three count-stations established and a single 8-minute avian point-count was made at each station. A list was made of mammals encountered during the survey. Indicators of mammalian presence, such as tracks, scat, and other signs were noted.

Existing Avian Species

A total of 41 individual birds of five species, representing five separate families, were recorded during station counts. Table 2 of Appendix C includes more information about these species and their relative abundance. All the avian species recorded during this survey are established introduced birds. No native species were detected nor were any expected in this light industrial area. No species of bird listed as threatened or endangered under either federal or state statutes was recorded on any of the properties. No federally delineated Critical Habitat for any avian species occurs within the properties proposed for acquisition or surrounding project area.

Avian diversity and densities were very low but are expected given the built-up industrial nature of the properties. Two species accounted for 56% of all birds recorded during station counts. These were the House Sparrow (*Passer domesticus*) and Zebra Dove (*Geopelia striata*). The most frequently recorded species was House Sparrow, accounting for 41% of the total number of individual birds recorded. Other species observed were the Spotted Dove (*Streptopelia chinensis*), Common Myna (*Acridotheres tristis*), Common Waxbill (*Estrilda astrild*), and Saffron Finch (*Sicalis flaveola*).

State-listed waterbirds such as the Hawaiian stilt (*Himantopus mexicanus knudseni*), Hawaiian coot (*Fulica alai*), Hawaiian Duck (*Anas wyvilliana*), and Hawaiian Goose (*Branta sandvicensis*) could potentially occur in the vicinity of the project area. However, no state-listed waterbirds were identified on the properties proposed for acquisition or in the immediate vicinity. There is also no suitable habitat for such waterbirds such as natural streams or other water sources (e.g., wetland) adjacent to these parcels. These developed properties are currently used for industrial and commercial activities along a major street and adjacent to Hilo Harbor's cargo operations area.

Existing Mammalian Species

Only one terrestrial mammalian species was detected during the course of this survey. The domestic cat (*Felis catus*) was observed within the area. No mammalian species listed as threatened or endangered under either federal or state statutes was observed on any of the properties. No federally delineated Critical Habitat for any mammalian species occurs within the properties proposed for acquisition or surrounding project area.

Although no rodents were recorded in the survey, it is likely that some of the four established alien Muridae found on Hawai'i use various resources found within the general project area on a seasonal basis. These are the roof rat (*Rattus rattus*), brown rat (*Rattus norvegicus*), Polynesian rat (*Rattus exulans hawaiiensis*), and European house mouse (*Mus musculus domesticus*). All these introduced rodents are deleterious to native faunal species.

3.4.2 Project Effect on Avian and Mammalian Resources

The acquisition of properties would have no effect on existing avian and mammalian species present since it would involve an administrative action transferring ownership to the State. The project should similarly have no negative short- or long-term impact on these species subject to certain minimization measures proposed for other species that could occur within the area.

Effects on Avian Species

All avian species recorded were alien established species and no species of birds listed as threatened or endangered under either federal or state statutes was recorded on any of the properties. As a result, no significant or adverse impacts on avian species should result from the project. These improvements involve demolishing certain buildings and structures and constructing a stacking lane, staging areas, roadway improvements, and other accessory improvement to support harbor operations, security and improve semi-trailer access. However, there are considerations for potential seabirds that may occur in the area.

It is possible that the federal- and state-listed endangered Hawaiian Petrel (*Puffinus sandwichesis*), Band-rumped Storm-Petrel (*Hydrobates castro*), and the threatened Newell's Shearwater (*Puffinus newelli*) over-fly the project area between April and the middle of December each year in small numbers. The primary cause of mortality in Hawaiian Petrels and Newell's Shearwaters in Hawai'i is thought to be predation by alien mammalian species at the nesting colonies. Collision with man-made structures is considered the second most significant cause of mortality of these seabird species in Hawai'i. Nocturnally flying seabirds, especially fledglings on their way to sea in the summer and fall, can become disoriented by exterior lighting. Disoriented seabirds may collide with man-made structures and, if not killed outright, become easy targets for feral mammals.

No suitable nesting habitat also exists within or close to the properties for any of the three seabird species discussed here given the highly industrial developed area. However, the following measure is proposed to avoid and minimize effects on such seabirds that may over-fly this area.

- No night construction is presently planned under this project. Thus, any deleterious impacts to transiting seabirds should be avoided.
 - However, if night-time construction activity or equipment maintenance is proposed during the construction phases of the project, all associated lights should be shielded, and when large flood/work lights are used, they should be placed on poles that are high enough to allow the lights to be pointed directly at the ground.
 - Construction-related night-time lighting between September 15th and December 15th would be avoided, if possible, as recommended by the State Department of Land and Natural Resources, Division of Forestry and Wildlife.
- All outdoor lighting installed would be "dark sky compliant" conforming to the standards established by the County's Outdoor Lighting Ordinance (Chapter 14, Article 9: "Outdoor Lighting") and Correlated Color Temperature of 2700 K or below. Exterior lighting would also be shielded in compliance with HRS §201-8.5, Night Sky Protection Strategy.

Although no State-listed waterbird species are present or are expected to occur on these properties, the following standard procedures would be followed in the event such waterbird species do show up.

- If any of the State listed waterbird species are present during construction, then all activities within 100 feet (30 meters) should cease, and the waterbird(s) should not be approached. Work may continue after the bird or birds leave the area.

Project Effects on Mammalian Species

The findings of the mammalian survey are consistent with the location and habitat character of these industrial properties present. No mammalian species currently protected or proposed for protection under either the federal or State of Hawai‘i endangered species programs were detected during the survey.

The improvements proposed involve demolishing certain buildings and structures and constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations, security and improve semi-trailer access. Construction of these improvements should thus have no or minimal short-term effect on mammalian species and the use of these properties supporting harbor operations should similarly have no or minimal long-term effect on species. There are a few considerations for other mammalian species that may occur in the project area discussed below.

Hawaiian Hoary Bat

It is probable that the Hawaiian hoary bat, listed as endangered by federal and state statutes, overflies the project area on a seasonal basis, as this mammal is regularly observed foraging and displaying over Hilo Bay in the fall. The principal impact that any construction project may pose to bats is during the clearing and grubbing phases as vegetation is removed. The removal of tall vegetation within the project site may temporarily displace individual bats using that vegetation for roosting.

As bats use multiple roosts within the home territories, the potential disturbance resulting from the removal of the vegetation is likely to be minimal. However, during the pupping season, females carrying their pups may be less able to rapidly vacate a roost site as the tree is felled and female bats sometimes leave their pups in the roost tree while they forage. Very small pups may be unable to flee a tree that is being felled.

The parcels proposed for acquisition are generally absent of tall trees that could serve as roosting habitat. Parcels 1 to 3 do not have any notable vegetation or trees growing on their properties. Parcel 5 has mainly scrub vegetation less than 10 feet tall present along Kahanu Street. Parcel 4 does appear to have a few trees with remaining vegetation consisting of mostly weeds and invasive vegetation. Therefore, use of these parcels should not have a significant impact on the Hawaiian

hoary bat. Nevertheless, the following measure is proposed to further avoid and minimize the potential for the Hawaiian hoary bat being affected.

- Potential adverse impacts from such disturbance can be avoided or minimized by not clearing woody vegetation taller than 15 feet (4.6 meters) between June 1st and September 15th, the period in which bats may have pups.

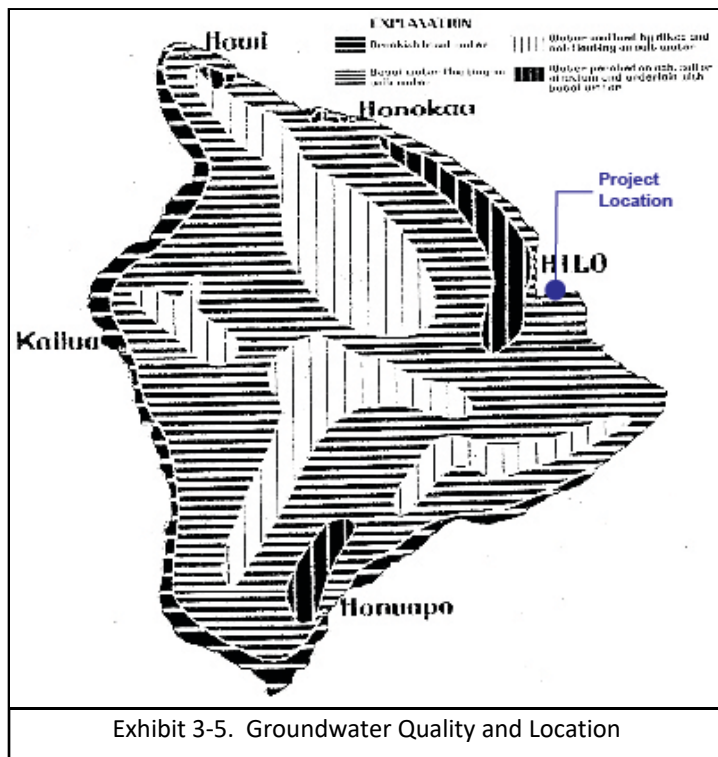
Hawaiian Hawk

The State listed Hawaiian Hawk or 'Io (*Buteo solitarius*) may occur in the project vicinity. However, the properties proposed for acquisition do not provide suitable habitat for this species such as tall woody trees. Nevertheless, the few trees present on the properties can be examined prior to construction activities involving their removal if this work occurs during their breeding season from March to September.

3.5 GROUNDWATER RESOURCES

3.5.1 Existing Groundwater Resources

There are four different types of groundwater on the Island of Hawai'i: 1) basal water floating on salt water; 2) dike confined water; 3) water perched on relatively impervious soil or rock formation; and 4) shallow groundwater. The greatest groundwater reservoir is the basal water table near sea level, which is a freshwater lens that "floats" on sea water. Exhibit 3-5 shows the types of groundwater areas on the island and their general locations (FAI, August 2010). Based upon this exhibit, the Harbor project area along with Hilo town are located above the predominant basal water floating on salt water.



The State Department of Land and Natural Resources, Commission on Water Resource Management (CWRM) has established groundwater hydrologic units to provide a consistent basis for groundwater aquifer management. The State CWRM's *Water Resources Protection Plan* established an aquifer coding system classifying the State's aquifers by geology and water characteristics (CWRM, June 2008). The coding system is comprised of Aquifer Systems located within larger State Aquifer Sectors. An Aquifer Sector reflects an area with broad hydrogeological (subsurface) similarities while maintaining traditional hydrographic (surface), topographic and historical boundaries. The Aquifer System is an area within a sector that is more specifically

defined by hydrogeologic continuity, particularly hydraulic connections among aquifer types and units.

The *Hawaii County Water Use and Development Plan Update* discussed the island's aquifer sector and systems in more detail and Exhibit 3-6 shows these sectors (FAI, August 2010). The project area is located within the Northeast Mauna Loa Aquifer Sector (804) that encompasses an area of about 256,640 acres. Within this sector are two aquifer systems (Hilo and Kea'au) and the project area is situated within the Hilo Aquifer System (80401) that has an estimated sustainable yield of about 347 million gallons of water. Geographically, the sector area covers a rectangular area from a western limit along the summit of Mauna Loa to the base of Mauna Kea to the coastline stretching from Hilo Bay south to Kea'au.

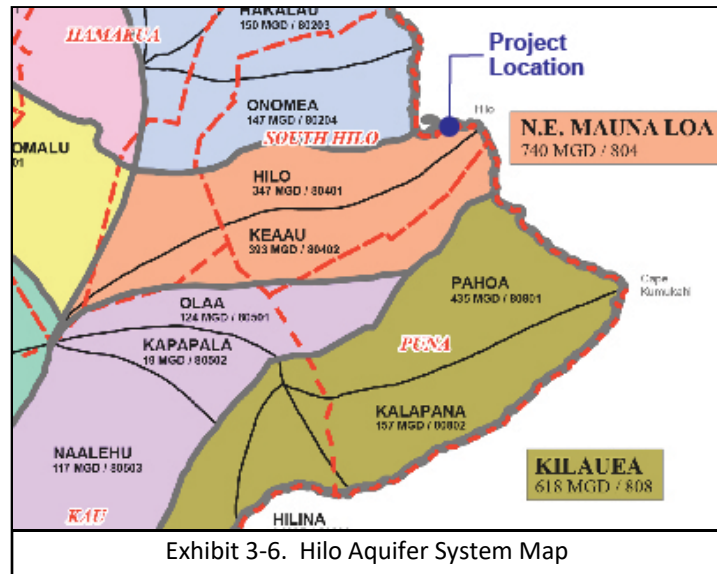


Exhibit 3-6. Hilo Aquifer System Map

3.5.2 Project Effect on Groundwater Resources

The acquisition of properties would have no effect on existing groundwater resources within the project area associated with the Hilo Aquifer System because it only involves an administrative action transferring ownership to the State. The project's proposed improvements utilizing these properties should similarly have no negative short- or long-term impact on groundwater resources.

The project would involve demolishing certain buildings and structures and constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations and improve semi-trailer access. Design plans would include various best management practices and other requirements as necessary to minimize effects from demolition activities. This includes measures associated with the removal of hazardous materials that may be present since these properties have been used for various industrial activities (auto repair, chemical warehouse use, vehicles storage, etc.). Demolishing such structures and cleaning up areas associated with these uses would have a positive environmental benefit to the underlying aquifer by removing such potential hazardous materials that may potentially infiltrate into the groundwater through open landscaped areas.

Evaluation of other structures as to their feasibility for possible reuse to support cargo storage and related harbor operations would be conducted during the design phase. As necessary, such remaining structures and areas utilized would be evaluated for potential hazardous materials that may need to be removed. Such actions should similarly have a long-term positive environmental benefit to the underlying aquifer.

Construction of the stacking lane, staging area, associated roadway improvements, and other accessory improvements such as gate and signage modifications should not have a significant negative effect on groundwater resources. These improvements would be constructed using impervious material reducing the potential for pollutants to infiltrate into the underlying aquifer. These properties are already almost fully developed using impervious material for building foundations, parking, and other pavements except for setback areas from roadways. Therefore, the project's improvements would not significantly change this current condition.

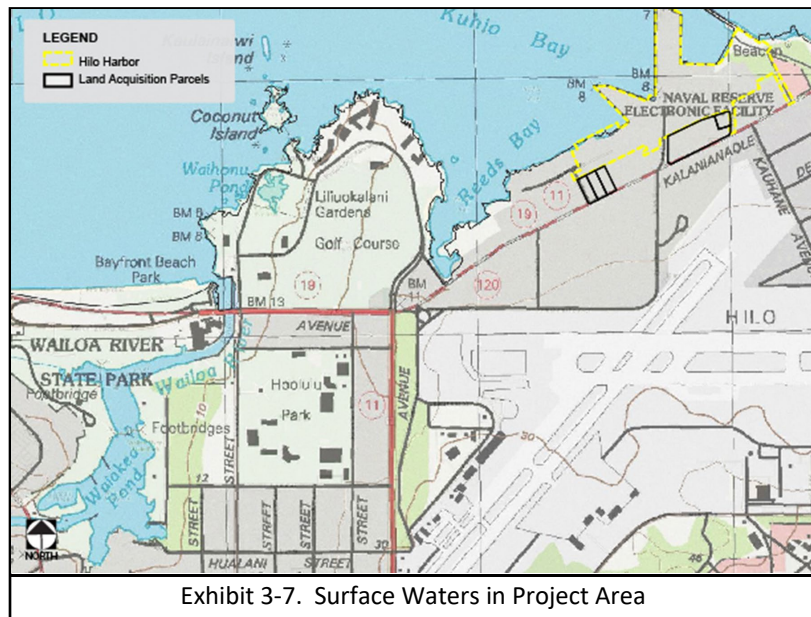
3.6 SURFACE WATER RESOURCES

3.6.1 Existing Surface Water Resources

Streams

There are no perennial or intermittent streams present in the immediate vicinity of Hilo Harbor or the properties proposed for acquisition. Review of the State CWRM's *Hawaii Stream Assessment* did not identify any perennial streams near the project area except for the Wailuku Stream that is located further west in Hilo town.

The Wailoa River State Recreational Area is located west of Manono Street in Hilo town about 1 mile away from Parcel 1 and the Harbor. The Wailoa River is fed by the upstream Waiakea Pond associated with this large recreational area which then discharges into the bay after crossing Kamehameha Avenue (Route 19) bridge. Exhibit 3-7 shows this stream based upon the USGS topographic map for Hilo. Near the properties, stormwater runoff sheet flows following natural drainage patterns eventually entering street drainage inlets that eventually discharge at the shoreline.



Wetlands

There are no existing wetlands present within the five properties proposed for acquisition as these parcels are all developed and have been used for various industrial and commercial activities. Areas immediately surrounding these parcels consist of roadways and other industrial uses along with the Harbor situated on the makai (north or seaward) side of them. Review of the U.S. Fish and Wildlife Service (FWS), National Wetlands Inventory Online Wetlands Mapper (the “Mapper”) was also used to confirm this (FWS, 2023). Figure 3.3 shows the map results obtained from the National Wetlands Inventory.

It should be noted that certain wetlands shown for the Harbor are not accurate and do not reflect actual conditions particularly around the Pier 4 area. The aerial basemap used by the FWS Mapper reflects the recently improved Pier 4 area completed in 2019 and this area has been used for harbor operations for some time. The Mapper noted that these wetland areas are based on a black and white aerial image from 1977.

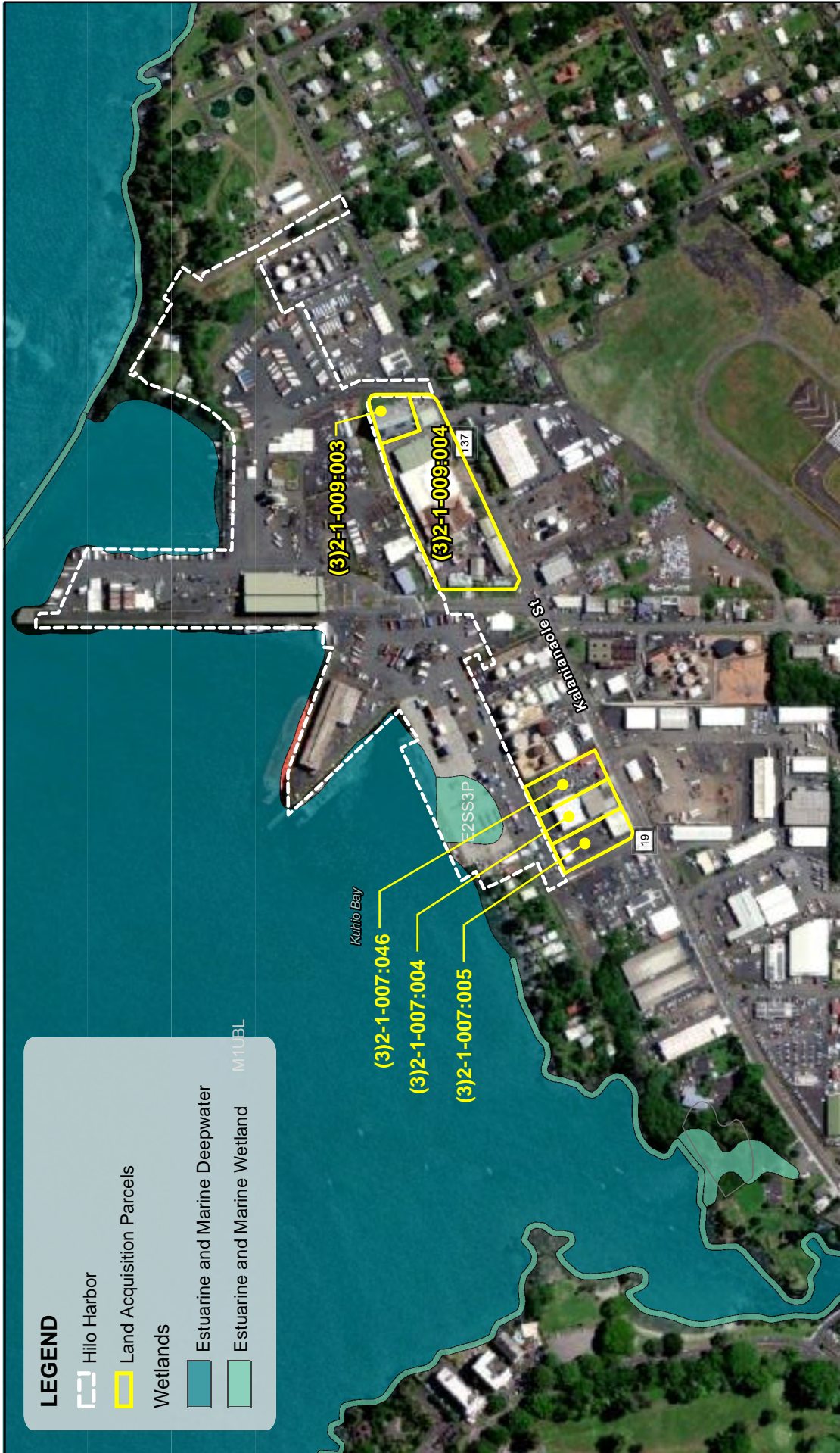
Thus, a wetland site of 1.53 acres identified as “E2SS3P” shown within the existing Pier 4 cargo operating area is thus no longer present. In addition, a portion of an area identified as “M1UBL” is incorrectly showing this estuarine and marine deepwater area extending into Pier 4. The correct boundary for this should extend up to the current Pier 4 boundary. The FWS Mapper also notes that the map is for general reference only due to the correctness of the data.

3.6.2 Project Effects on Surface Water Resources

The acquisition of properties would have no effect on existing surface water resources in the general area because it only involves an administrative action transferring ownership to the State. The project’s proposed improvements utilizing these properties should similarly have minimal short- or long-term impact on surface water streams or wetland resources.

The project would involve demolishing certain buildings and structures and constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations and improve semi-trailer access. Other existing structures would be evaluated as to their feasibility for possible reuse to support cargo storage and related harbor. Therefore, construction of improvements would not involve any work within or across existing streams or drainageways because there are none within the acquired properties or existing harbor facility.

There are no regulatory waters of the U.S. located within or adjacent to the five properties proposed for acquisition that would fall within the U.S. Corps of Engineers (COE) jurisdiction. This project should therefore not result in the discharge of dredged or fill material into jurisdictional waters of the U.S. and a Department of Army (DA) permit would not be required for this project. This was confirmed in a July 11, 2023 email from the U.S. COE, Regulatory Office commenting on the Draft EA (Appendix A).



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Note: Wetland areas indicated do not reflect actual conditions within Hilo Harbor.

BOWERS + KUBOTA

NORTH

SCALE IN MILES

Figure 3.4
FWS WETLANDS INVENTORY MAP

Improvements would primarily consist of site work involving minor grading to level areas and improve surfaces with pavement, etc. This work would have minimal effect on existing drainage patterns in the area since no major site improvements are necessary. As a result, the Wailoa River and associated Waiakea Pond about one mile away would not be affected by this project.

No wetlands would also be affected by project improvements because there are no such resources present within the properties proposed for acquisition or in the immediate vicinity.

3.7 WATER QUALITY

3.7.1 Existing Water Quality

The Harbor is part of the larger Hilo Bay and this area is classified as Class A marine waters and an embayment by the State Department of Health (DOH) and is subject to the State's embayment water quality criteria (State of Hawai'i, October 2021). The larger Hilo Bay was also included on the U.S. Environmental Protection Agency's 303(d) list of impaired water bodies in 1998 due to turbidity from probable agriculture and urban runoff.

Impaired Waters Background

The Federal Clean Water Act (CWA) of 1972 establishes a regulatory framework to protect the nation's surface water resources. The CWA requires states to conduct a bi-annual surface and marine water quality assessment. Water bodies violating State standards must be reported pursuant to §303(d) of the CWA. The resulting list of impaired water bodies is usually referred to as the "303(d) list." The 303(d) list provides information on the pollutants impairing marine and stream water quality. Additionally, the list identifies priorities for Total Maximum Daily Load (TMDL) development. TMDL is a regulatory term in the CWA and describes the maximum pollutant amount a waterbody can receive, while meeting water quality standards. TMDL can be used as a planning tool for restoration and protection activities, with the ultimate goal of attaining or maintaining water quality standards.

The State's 2022 water quality monitoring and assessment report was part of the Integrated Report to the U.S. Environmental Protection Agency pursuant to §303(d) of the CWA. In this report, Hilo Bay was assessed fronting Canoe Beach near the mouth of Wailoa River and has a Water Body Identification Number of HI315019. The Harbor is a component of this larger bay that extends from the Wainaku area, includes the Hilo town waterfront area, and the Reed's Bay area with existing hotels. The water quality parameter identified under this impaired water listing was Chlorophyll *a* (Chl_a). Assessment of recent new data by the State DOH, Clean Water Branch (CWB) indicated that applicable water quality standards were not being attained resulting in a Category 5 assignment for Hilo Bay (DOH, April 2022).

State Water Quality Standards

Under the State’s water quality regulations under Title 11, Chapter 54, HAR, Hilo Bay inside the breakwater is listed as Class A marine waters and embayment. Therefore, the Harbor would meet this Class A designation being inside the breakwater of Hilo Bay. Embayments are defined as land-confined and physically protected marine waters with restricted openings to open coastal waters, defined by the ratio of total bay volume to the cross-sectional entrance area of seven hundred to one or greater (State of Hawai‘i, October 2021). The State’s Class A water quality standards for the Harbor are provided below in Table 3.1. The “Wet” criteria apply to embayments, such as the Harbor, when the average freshwater inflow from the land is greater than one percent of the embayment volume per day (RMTC 2001). Class AA waters have stricter water quality standards for their protection than Class A waters.

Table 3.1 State Water Quality Standards (Chapter 11-54-6, HAR)			
Parameter	Geometric Mean Not to Exceed	Not to Exceed More Than 10%	Not to Exceed More Than 2%
Total Nitrogen (ug N/L)	200.0	350.0	500.0
Nitrate + Nitrate Nitrogen (ug [NO ₃ +NO ₂] – N/L)	8.0	20.0	35.0
Ammonia Nitrogen (ug NH ₄ -N/L)	6.0	13.0	20.0
Total Phosphorus (ug P/L)	25.0	50.0	75.0
Chlorophyll <i>a</i> (ug/L)	1.5	4.5	8.5
Turbidity (N.T.U.)	1.5	3.0	5.0
Source: State Department of Health, 2021			

Water quality conditions at the Harbor are determined primarily by influxes of surface water runoff from Wailuku River and groundwater. As a result, the harbor has pronounced vertical stratification of salinity/temperature. There is a well-defined surface layer of low salinity water and a denser, more saline, bottom layer. The flow of fresh basal groundwater to the bay occurs at a nearly constant rate in comparison with surface runoff, which varies with weather conditions. As the influx of freshwater into the harbor increases, there is a corresponding deviation of water quality from optimal conditions, especially in the surface waters. This is particularly evident in increased turbidity (RMTC, July 2001).

Water quality studies of the Harbor taken in 1980 and again in September 2000 resulted in generally the same mean values, except that turbidity in 2000 was somewhat lower and nitrate+nitrite nitrogen levels were notably higher. Turbidity would be expected to rise with infusions of stormwater. These prior sampling results indicated that the Harbor waters were in conformance with salinity, temperature, dissolved oxygen (DO) saturation levels and pH. However, turbidity, nitrate+ nitrite nitrogen, total nitrogen, total phosphorus and chlorophyll *a* typically exceeded State criteria. Water quality tends to improve in Hilo Bay away from the shore and the inner harbor

(RMTC, July 2001). As discussed previously, the water quality parameter Chlorophyll *a* (Chl_a) was listed under Hilo Bay's impaired water report by the State DOH, CWB.

3.7.2 Project Effects on Water Quality

The acquisition of properties would have no effect on existing water quality outside of the Harbor or the larger Hilo Bay because it only involves an administrative action transferring ownership to the State. The project's proposed improvements utilizing these properties should similarly have not have a significant or negative short- or long-term impact on water quality.

The project would involve demolishing certain buildings and structures and constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations and improve semi-trailer access. Design plans would include various best management practices and other requirements as necessary to minimize short-term effects from demolition activities and potential short-term discharges of material and other pollutants into the Harbor's waters. This includes measures associated with the removal of hazardous materials that may be present since these properties have been used for various industrial activities (auto repair, chemical warehouse use, vehicles storage, etc.). Demolishing such structures and areas associated with these uses would have a positive environmental benefit to water quality at the Harbor by removing such potential hazardous materials that could be discharged and carried into these waters as part of storm water runoff.

Evaluation of other structures as to their feasibility for possible reuse to support cargo storage and related harbor operations would be conducted during the design phase. As necessary, such remaining structures and areas utilized would be evaluated for potential hazardous materials that may need to be removed.

Such actions should similarly have a long-term positive environmental benefit to marine water quality by reducing potential pollutants and hazardous materials. Construction of the stacking lane, staging area, associated roadway improvements, and other accessory improvements such as gate and signage modifications should not have a significant long-term negative effect on water quality at the Harbor or within the larger Hilo Bay. These improvements would not increase the cargo processing activity and semi-trailer trips because they are intended to improve existing operations by addressing traffic congestion. But the long-term positive benefit is eliminating the potential pollutants and chemicals that could be discharged into the marine waters from the properties proposed for acquisition.

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CHAPTER 4 HUMAN ENVIRONMENT

This chapter discusses the existing human environment present within the area affected by the project's acquisition of privately-owned parcels and improvements proposed to support Hilo Harbor operations and alleviate traffic congestion.

4.1 HISTORIC AND ARCHAEOLOGICAL RESOURCES

An archaeological literature review and field inspection (LRFI) was conducted by Nohopapa Hawai'i LLC (Nohopapa) for the project, and this report is included in Appendix D. For purposes of the study, the area of potential effect (APE) consists of five properties (Parcels 1 to 5) proposed for acquisition that total approximately 9.38 acres.

The field inspection was conducted to preliminarily assess whether historic properties are present within the five parcels, whether the historic properties will be affected by the proposed project, and to provide preliminary historic preservation compliance review next step recommendations. This study does not fulfill the requirements of an archaeological inventory survey investigation, per Hawai'i Administrative Rules (HAR) §13-13-276. Work conducted included the following:

1. Historic background research conducted that included a review of previous archaeological studies on file at the SHPD, review of documents available from other sources, and review of Nohopapa's internal database.
2. A pedestrian field inspection of 95% of the project area was performed. Due to restricted security zoning within the harbor, the remaining 5% of the project area was visually inspected from close proximity and 100% photo documented in order to record current conditions and assess the presence of historic properties.

4.1.1 Background Research Results

A summary of the history associated with the Waiākea area, which includes Hilo Harbor and the properties proposed for acquisition, is provided based upon the research of documents. These studies provide background on the early historical period, land ownership and changes in land use from traditional to modern times. A summary is provided below, and more information can be found in the LRFI in Appendix D.

Early Historical Period

Situated along the eastern coast of Hawai'i and the northeast rift zone of Mauna Loa, the subject properties are situated within the ahupua'a of Waiākea. Waiākea is one of the largest ahupua'a in the district (moku) of Hilo. Hawaiian oral traditions, or mo'olelo, associated with Waiākea include many references to the abundance of the land. With accessible fishing grounds and many fresh water sources, this area of Hilo became a favored area of residence for ali'i (chief), including Kamehameha I. Other studies refer to this coastal area as a Zone 1 Coastal Settlement ranging

from sea level to approximately 20 to 50 feet elevation (a half-mile inland), with human settlement concentrated around Hilo Bay.

During the 1848 Māhele, the ahupua‘a of Waiākea became Crown Lands. Due to Kamehameha I’s conquests of the entire island of Hawai‘i, the ahupua‘a of Waiākea remained with his descendants. Victoria Kamāmalu, sister of Kamehameha IV, would go on to receive the ‘ili kūpono Honohononui in Waiākea. At the time of the Māhele, at least 25 claims were made for kuleana plots in Waiākea. Many of the parcels were smaller in size and there were no LCA awards found directly within the area associated with the properties proposed for acquisition.

Mid- to Late 1800s

Waiākea and the area in and surrounding Hilo Bay underwent a substantial amount of change beginning primarily in the 1840s. An increase in foreign vessels, the introduction of private land ownership, the sandalwood trade, cattle ranching, sugarcane, and the establishment of mission homes contributed to major changes in settlement patterns. The first meeting house for missionaries in Hilo was built in Waiākea in 1824 and a tsunami in 1837 caused severe damage to surrounding fishponds and taro patches.

Early accounts of Hilo Bay reference its long black sand beach and favored surf. There were three operating landings on the Waiākea area of Hilo Bay. The landings were: 1) Reed’s Landing, located at Kalauokukui Point east of the Wailoa River; 2) Spencer’s Stone Land, located between Reed’s Landing and the mouth of Wailoa River; and 3) a landing located up the Wailoa River. Hilo Bay saw an influx of new people and cargo along the beach until a wooden wharf was first constructed in 1863. Growing commerce associated with the sugar industry and the steady arrival of foreigners funded construction of a harbor facility including a railroad wharf, a government wharf, and a breakwater in Waiākea.

1900s

A railroad line of 38 miles from Waiākea to Hilo and then to Puna was in operation by 1902. The line from Waiākea ran across the Wailoa River, near the project area, through Hilo Bay. The construction of a breakwater beginning at the shoreline east of Kūhiō Bay near Hilo Harbor began in 1908 and was completed in 1929.

A portion of rock used for the breakwater came from the Kapoho quarry in Puna. In 1912, the Territorial government awarded the dredging and construction of a new approach, filling, and railroad track laying of Kūhiō Wharf. Kūhiō Wharf, Pier 1, and railroad tracks leading into the new harbor facility were completed by 1916.

Complaints of congestion in the Kūhiō Wharf area prompted a new contract award by the Territory of Hawai‘i to construct Pier 2 in 1921, and a third Pier construction was completed by 1927. Pier 3 was designed to be a reinforced concrete wharf joined to be made part of Pier 2. Dredging continued alongside these construction projects.

The booming sugar industry pushed facilities to plan for and include even larger modifications to accommodate the high demand for bulk sugar shipments. World War II and the April 1946 tsunami initially delayed these modifications, and the rebuilding of the current harbor facilities began in 1948. In May 1960, another tsunami caused minor damage to the breakwater and harbor facilities. Since this tsunami did not contribute to major constructional shifts, the harbor facilities essentially remained as initially constructed in 1948.

4.1.2 Previously Identified Historic Properties

Background research identified nine prior studies conducted for the area near the Harbor including the area where properties are proposed for acquisition. These studies have produced 15 previously identified architectural historic properties in the project area and 12 previously identified archaeological and architectural historic properties in the vicinity of the project. Exhibit 4-1 graphically identifies the areas covered by these studies. Table 4.1 includes a listing of these studies and Figure 4.1 identifies the existing historic properties identified in the project vicinity.

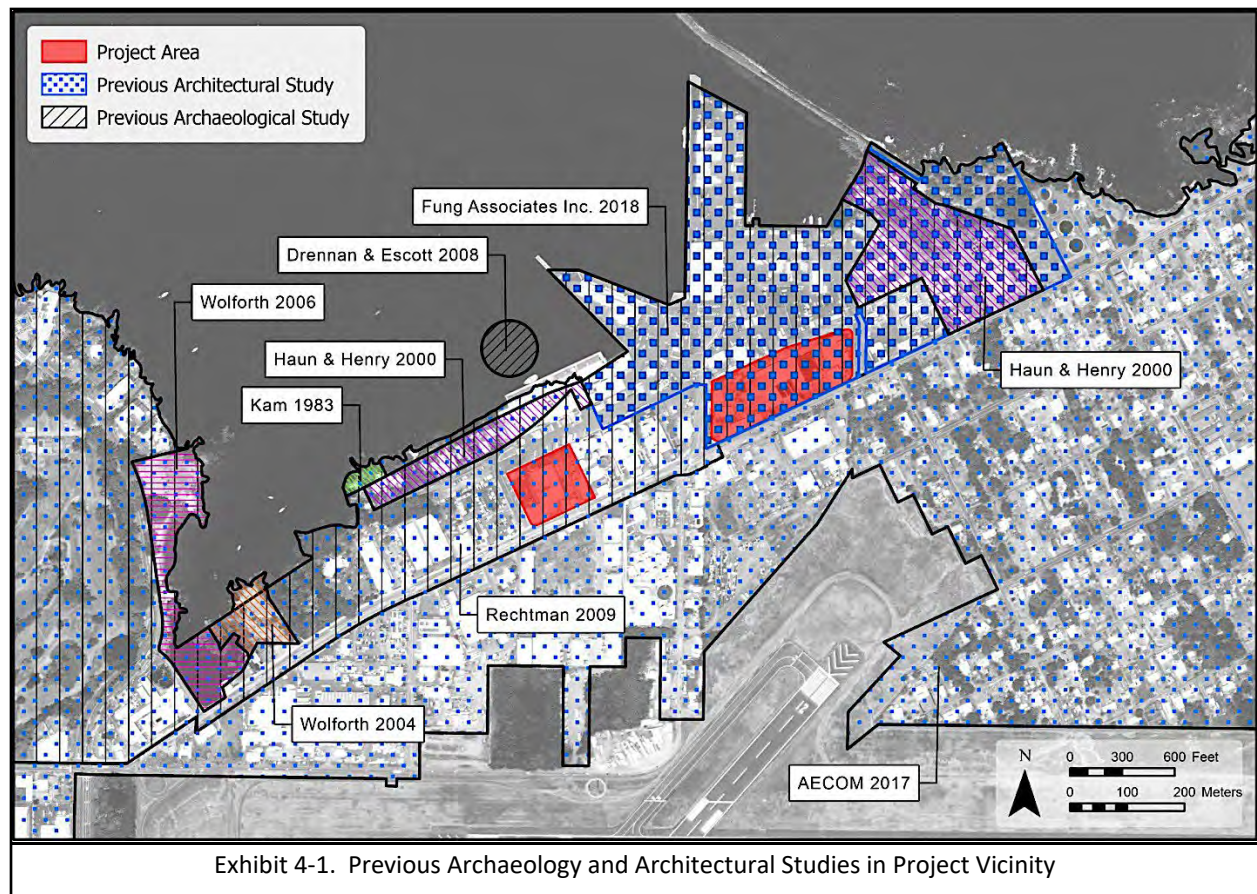


Table 4.1 Previous Archaeological Studies Within the Project Vicinity			
Reference	Type of Study	Location	Documented Sites/ Results
Kam, 1983	Literature Review	State lands at Reed's Bay, Waiākea, TMK (3) 2-1-07:11	A check of records confirmed no previous records for the unnamed heiau depicted on modern tax map. Unnamed Heiau, SIHP # 50-10-35-18695.
Haun and Henry, 2000	Archaeological Inventory Survey	Hilo Harbor, Waiākea, TMKs (3) 2-1-07:020 to -037 and (3) 2-1-09:002, -012, -041, -042	No prehistoric archaeological sites or features were identified. A complex of four concrete site features were identified: early 1900s U.S. engineer facilities. Concrete slab port related facilities, SIHP # 50-10-35-22486.
Wolforth, 2004	Archaeological Inventory Survey	Kanakea Fishpond at Reed's Bay, TMKs (3) 2-1-6:013 and -015	Documented previously identified Kanakea Pond (SIHP# 50-10-35-18896), another small-unnamed pond (SIHP #50-10-35- 24230), and a remnant feature of the old railroad (SIHP # 50-10-35-7413).
Wolforth, 2006	Archaeological Inventory Survey	Expansion of the existing Reed's Bay Beach Park, TMKs (3) 2-1-005:1 and 28, and (3) 2-1-006:10	Documented two previously identified sites (SIHP #s 50-10-35- 18896 and 50-10-16-7413) and three new historic properties: Reed's Bay Beach (SIHP # 50-10- 35-24917), the Scott-Legionnaire Orchid Hotel (SIHP # 50-10-35- 24918) and three pecked basins (SIHP # 50-10-35-24919).
Drennan and Escott, 2008	Underwater Archaeological Reconnaissance Survey	A wreck site near Pier 3 in Hilo Bay, TMK (3) 2-1-7 Por.	One new archaeological site, comprised of four different features, was identified and noted to have been wrecked from the 1946 tsunami. Pontoon-style barge, SIHP # 50-10-35-26466.
Rechtman, 2009	Archaeological Assessment Survey	Hilo Bayfront spanning five ahupua'a: Pi'ihonua, Punahoa, Pōnāhawai, Kūkūau, and Waiākea	No historic properties were identified.
AECOM, 2017	Reconnaissance Level Architectural Survey	Three coastal communities, Hanalei and Kapa'a, Kaua'i, and Hilo, Hawaii	Portions of Waiākea, Kūkūau, Ponahawai, Puanahoa, and Piihonua; total of 822 properties surveyed; no historic properties were identified within current project area.
Fung Associates, Inc. 2018	Reconnaissance Level Architectural Survey	Hilo Harbor, TMK: (3) 2-1-009:007, 038	25.344-acre parcel within current project area vicinity; three properties examined: 1963 Quonset Hut, 1923 Pier 2/3 Shed, and 1950 Water Tower were identified as eligible for listing in Hawai'i and National Register of Historic Places under Criteria A and C.
Source: Nohopapa, 2022			

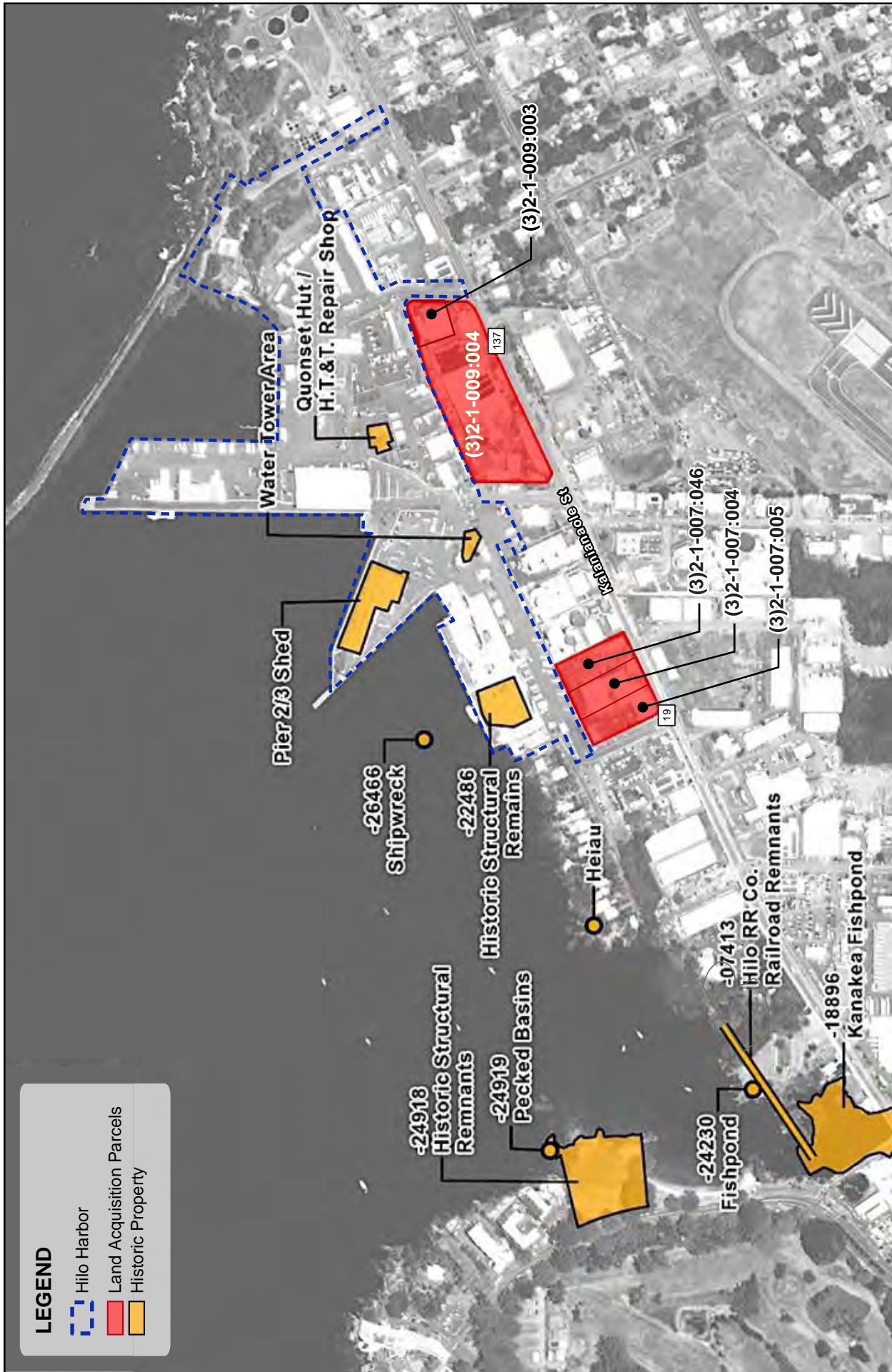


Figure 4.1
EXISTING HISTORIC PROPERTIES IN
PROJECT VICINITY

AECOM Reconnaissance Level Architectural Survey (2017)

A reconnaissance level architectural survey was conducted by AECOM in 2017. A total of 882 properties in Hilo, Hawai‘i were identified and initial recommendation for National Register of Historic Places (NRHP) eligibility was applied to each surveyed property. The eligibility categories consisted of eligible individually, contributing, non-contributing, and undetermined.

Figure 4.2 identifies the properties surveyed by AECOM along with the resulting eligibility category assigned for each property. Four of the five properties were surveyed under this AECOM study. Parcel 3 owned by 595K LLC with TMK No. (3) 2-1-007: 046 was not included. This property site is operated by a salvage yard operated by Hilo Auto Sales & Rentals and/or Maikai Auto Body & Paint LLC.

The architectural study determined that the four parcels surveyed were determined to not possess the integrity of contributing characteristics that would make them State or National Register of Historic Places eligible. These parcels were thus categorized under “non-contributing.”

4.1.3 Field Inspection Results

Nohopapa’s background research, including an online records search conducted through County’s Real Property Tax Records, revealed 15 buildings currently present in the project area (five parcels proposed for acquisition). These parcels identified with built dates and some effective built dates have some structures more than 50 years old. Hawai‘i Revised Statutes HRS §6E-2 defines historic properties as: “any building, structure, object, district, area, or site, including heiau or underwater site, which is fifty years old.” Consequently, these buildings qualify as potential historic properties due to their age that may require additional professional assessment from an architectural historian.

The AECOM reconnaissance level architectural survey completed in 2017 determined the buildings present at four of the properties surveyed did not meet the State or National Register of Historic Places eligibility criteria. Information on these buildings is provided based upon Nohopapa’s background research.

Parcel 1 (TMK (3) 2-1-007: 005)

Two buildings are present on the Airgas Gaspro, Inc. parcel and the site is used as a liquid and compressed gas dispenser.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date
1	0001	Warehouse Met/LOW	1943	1943
3	0003	Warehouse Met/AVG	1970	1970

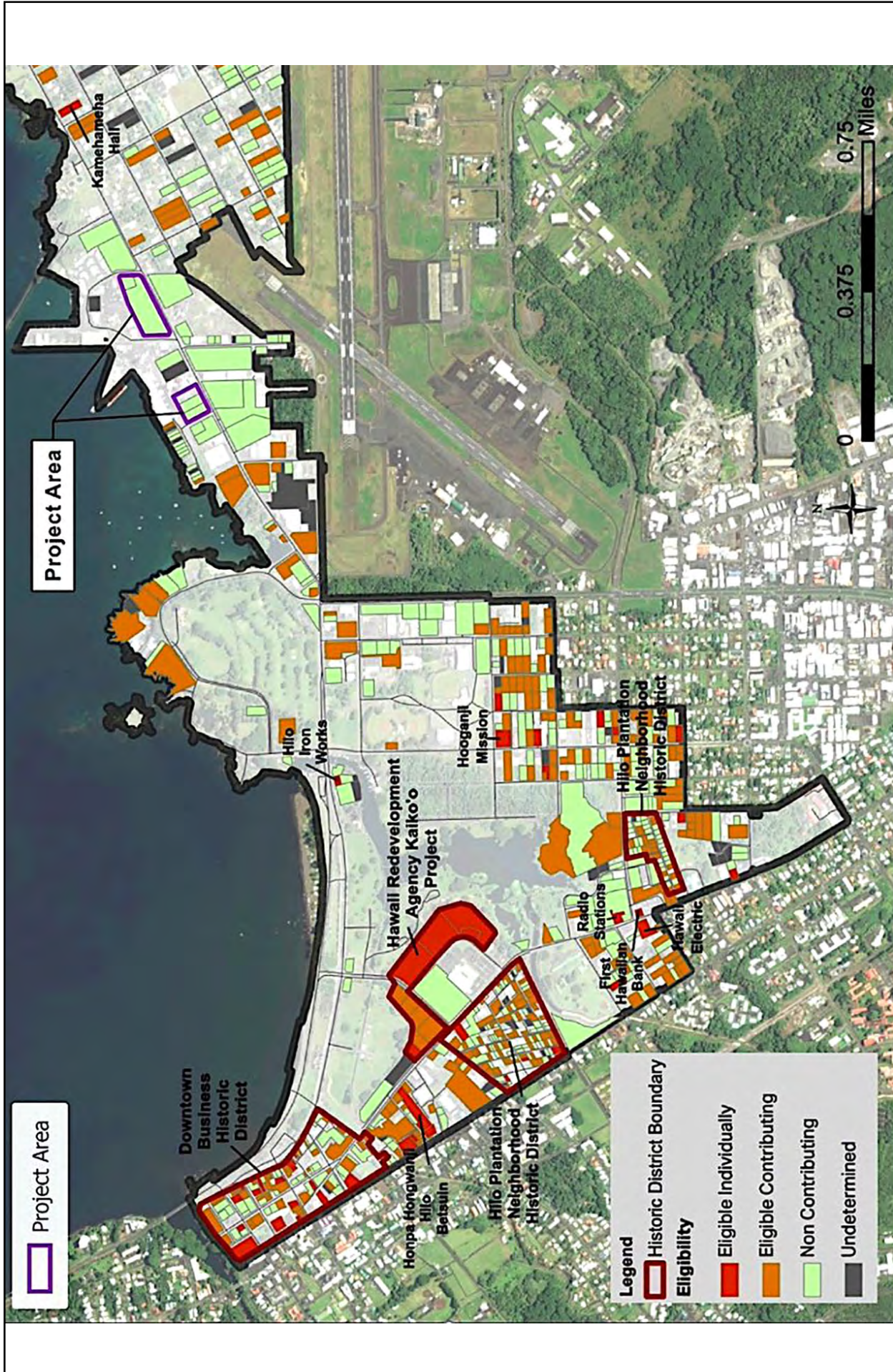


Figure 4.2
AECOM RECONNAISSANCE LEVEL ARCHITECTURAL
SURVEY OF PROPERTIES IN HILO

Parcel 2 (TMK (3) 2-1-007: 004)

Four buildings are present on the 595K LLC parcel and the site is used for auto detailing and parts sales, a storage facility and retail.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date
1	0001	Warehouse Met/AVG	1954	1990
2	0002	Warehouse Met/Mas/Avg	1947	1990
3	0003	Commercial C-2(WD)	1954	1990
4	0004	Warehouse Met/AVG	1949	1990

Parcel 3 (TMK (3) 2-1-007: 046)

One building is present on the 595K LLC parcel and the site is used for auto repair and parts storage based upon the County's tax records. It should be noted there is another smaller newer structure also present on this parcel that may not be recorded with the County as previously shown on Exhibit 1-12.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date
1	N/A	Warehouse Met/AVG	1937	1990

Parcel 4 (TMK (3) 2-1-009: 004)

Seven buildings are present on the Sparks & Boschetti LLC parcel and the site is used for auto repair and parts storage.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date
1	0001	Commercial C-3(WD)	1946	1999
2	0002	Warehouse Met/AVG	1938	1938
3	0003	Warehouse Met/AVG	1928	1928
4	0004	Warehouse Met/AVG	1948	1948
5	0005	Warehouse Met/AVG	1957	1957
6	0006	Warehouse Met/AVG	1957	1957
7	0007	Commercial C-2(MAS)	1957	1957

Parcel 5 (TMK (3) 2-1-009: 003)

One building is present on the Sparks & Boschetti LLC parcel and the site is used for auto repair and parts storage.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date
1	0001	Warehouse Met/AVG	1965	1965

Summary of Field Inspection Results

The private property owned by Airgas Gaspro, Inc. (Parcel 1) and the adjacent two properties owned by 595K, LLC (Parcels 2 and 3) are heavily developed with commercial buildings, industrial infrastructures, utility poles, roadways, parking lots, and fencing. The remaining two privately-owned parcels by Sparks and Boschetti, LLC (Parcels 4 and 5) are similarly heavily impacted by industrial buildings, parking lots, abandoned vehicles, roadways, utility towers, and fencing.

Two small hills were observed within Parcel 4. The first hill is a few yards east of Kūhiō Street and consists of a natural hill which has been disturbed on all sides (Exhibit 4-2). A few plants are surviving on the top of this hill i.e., four-clusters of kī or ti leaf (*Cordyline fruticosa*), an avocado tree (*Persea americana*), young Fiddlewood trees (*Citharexylum spinosum*), an African Tulip tree (*Spathodea campanulate*), and a Banyan tree (*Ficus benghalensis*).

The second hill is just east of the first hill which is also natural, disturbed on all sides, and appears to be maintained with herbicide to control vegetation on the outer perimeters. On the northern portion of this small hill, a potential historic property consisting of an unlined drainage ditch was revealed at the base of this hill (Exhibit 4-3).



Exhibit 4-2. Photo of First Small Hill on Parcel 4

Exhibit 4-3. Photo of Potential Historic Ditch on Parcel 4

This potential historic property measures approximately one meter square (3.3 feet square) and the depth is approximately over a one meter (Exhibit 4-4). The landscape situation of this feature, its form, and construction material indicate the feature is a possible drain or manhole with a corroded metal bar going across the center, a deteriorating wooden cover, and cement on the north and south portions of the interior that goes about a half meter down. This drainage feature is presumed to be older than 50 years old based on the construction history of buildings in the area dating to the 1920s through the 1970s.



Exhibit 4-4. View of Potential Historic Ditch Features

4.1.4 Project Effects on Historic Properties

The acquisition of properties would have no effect on historic properties since it only involves an administrative action transferring ownership of the parcels to the State. The State would then be responsible for project effects on historic sites from improvements made to these properties. The project's proposed improvements utilizing these properties to alleviate traffic congestion along Kalaniana'ole Street and improve access at Harbor entrances should not have a significant short- or long-term impact on historic resources subject to certain minimization measures to address potential effects discussed in greater detail.

Effects on Archaeological Resources

Background research and field inspection yielded 15 previously identified architectural historic properties (buildings) within the five parcels proposed for acquisition (Area of Potential Effect). There were 12 previously identified archaeological and architectural historic properties in the general project vicinity. These other historic properties are not present within the five properties surveyed.

Tsunamis in 1946 and 1960 destroyed much of the Harbor's built environment and also reduced coastal sedimentary deposits. Given that 1946 and 1960 tsunamis removed much of the coastal sedimentary deposits to bedrock, coupled with the extensive development that has occurred throughout the Harbor, there is low likelihood for subsurface historic properties to be present within these subject properties. Given the extensive development of the general area, and its inundation by tsunamis, it is unlikely that any pre-contact sites still lie within the properties proposed to be acquired. Very little, if any, of the natural landscape remains. A heiau (SIHP #50-10-35-18695) is known to still exist at the coast to the west of the current project area, but its enduring presence can be attributed to its location on undeveloped State land.

It is highly unlikely that burials might be encountered, as there are no sand deposits within the project area and as the shallow, stony soil found here lies directly atop pāhoehoe bedrock. Roads, commercial buildings, industrial infrastructure, and private homes have all been constructed over the project area lands over the last century.

One potential new historic property consisting of a historical drainage feature was identified within Parcel 4 and documented during field inspection. The drainage feature is likely older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the 1970s. While the drainage feature possesses “integrity of location, design, setting, materials, workmanship, feeling and association” per Hawaii Administrative Rules (HAR) §13-284-6, it is not significant under Criteria a through e. Therefore, no additional historic preservation measures were recommended for the historic drainage feature per HAR §13-284-6.

Project Effects on Architectural Resources

The 15 previously identified architectural historic properties within the project parcels have built dates and some effective built dates of more than 50 years. These are predominantly warehouses, and date to the 20th century, during which the Harbor was extensively developed with transportation and commercial infrastructure.

The AECOM reconnaissance level architectural survey completed in 2017 determined the buildings present at four of the properties surveyed did not meet the State or National Register of Historic Places eligibility criteria. Based upon the characteristics, condition and use of the buildings on Parcel 3 that were not included in AECOM’s study, these buildings may similarly not meet the State or National Register of Historic Places eligibility criteria.

However, in consideration of Hawai‘i Administrative Rules (HAR) §13-13-284-8, “Mitigation”, next steps that should be conducted as part of the project’s historic preservation review would be a professional architectural assessment to minimize project effects. The assessment should be conducted by an architectural historian qualified per §13-281-5, HAR regarding the 15 buildings currently present in the five project parcels proposed for acquisition. This historic architectural assessment could be conducted as part of the project’s design phase when specific buildings determined for demolition or reuse would be determined. With this architectural assessment, the project should warrant an “effect, with agreed upon mitigation commitments” determination. However, SHPD review of this project and concurrence with the approach should be determined that includes submittal of Nohopapa’s LRFI under HICRIS for review and comments.

4.2 CULTURAL RESOURCES

4.2.1 Existing Cultural Resources

The State and its agencies have an affirmative obligation to preserve and protect the reasonable exercise of customarily and traditionally exercised rights of native Hawaiians to the extent feasible. State law further recognizes that cultural landscapes provide living and valuable cultural resources where Native Hawaiians have and continue to exercise traditional and customary practices, including but not limited to hunting, fishing, gathering, and religious practices. In *Ka Pa‘akai*, the Hawai‘i Supreme Court provided government agencies an analytical framework to ensure the protection and preservation of traditional and customary Native Hawaiian rights while reasonably accommodating competing private development interests. The analytical framework guiding Ka Pa‘akai analyses involves:

1. The identification of valued cultural, historical, or natural resources in the project site, including the extent to which traditional and customary Native Hawaiian rights are exercised in the project site;
2. The extent to which those resources, including traditional and customary Native Hawaiian rights, will be affected or impaired by the Proposed Action; and
3. The feasible action, if any, to be taken to reasonably protect Native Hawaiian rights if they are found to exist.

The archeological LRFI conducted by Nohopapa for the project included historical background research and review of previous archaeological studies on file at the SHPD, review of documents available from other sources, and review of their internal database. Nohopapa also conducted a field inspection of the five properties proposed for acquisition. Based upon these efforts, there are no native Hawaiian cultural resources present on the properties.

A likely historic drainage feature identified within Parcel 4 is similarly associated with the historic development of the harbor facility. Existing buildings on the parcels that meet the criteria for consideration as potential historic property due to them being over 50 years are not cultural resources or used for cultural practices. The 1946 and 1960 tsunamis removed much of the coastal sedimentary deposits to bedrock in this area and extensive development has occurred throughout the Hilo Harbor area. Therefore, there are no cultural resources or practices occurring on these properties nor are they used to access areas that are used for such practices.

4.2.2 Project Effect on Cultural Resources

The acquisition of properties would have no effect on existing cultural practices or resources since it only involves an administrative action transferring ownership of the parcels to the State. The project’s proposed improvements utilizing these properties should not have a significant short- or long-term impact on cultural resources or practices.

These privately-owned properties have been used for industrial and commercial businesses and activities. As a result, they are not used for Native Hawaiian traditional or cultural practices or have resources used for such practices. These properties also do not provide access to areas where Native Hawaiian can continue to exercise traditional and customary practices such as hunting, fishing, gathering, and religious practices. The area below these properties is the Harbor that is a secured facility used for cargo operations and cruise ship passengers. Therefore, the project improvements using these properties would not impact traditional and customary Native Hawaiian rights or practices. No minimization or mitigative measures are subsequently needed by the project to protect traditional and customary Native Hawaiian practices.

4.3 SOCIAL AND ECONOMIC FACTORS

4.3.1 Social Factors

Hilo is the capital of the County of Hawai‘i and the center of much of its agricultural activity. It has been the government center for the island since County government was instituted in 1905. It is also home to the University of Hawai‘i, Hilo and a campus of the University of Hawai‘i Community College system. Hawai‘i County has weathered an economic transformation and emerged with a mixed economy and relatively high levels of employment, but modest incomes on the whole.

Hawai‘i County has the second largest population in the state, with over 200,000 residents.⁹ Hawai‘i County’s population has risen over 8 percent in the past decade and is expected to grow by roughly 50 percent reaching nearly 300,000 residents by the year 2040.¹⁰ The greatest concentration of this growth is anticipated to occur within the Puna and Hilo areas, which include Hilo Harbor and the properties proposed for acquisition.

Hilo is the largest town in Hawai‘i County and is identified by the U.S. Census Bureau as an Urban Cluster with a resident population of approximately 44,000.¹¹ Hilo serves as the County’s center for government and business, and is the only metropolitan area on the island. Approximately one third of visitors to Hawai‘i Island stay in Hilo, with the rest traveling to Kailua-Kona¹². Table 4.2 provides a comparison of certain population and socio-economic characteristics between the Hilo Keaukaha-Pana‘ewa Census Tract, which includes the project area, and Hawai‘i County. Exhibit 4-5 also shows the general boundary of this census tract.

⁹ U.S. Census Bureau. *Quick Facts, Hawaii County, Hawaii, Population Estimates July 1, 2019.*

¹⁰ County of Hawai‘i. *Draft General Plan 2040.* Page 7.

¹¹ County of Hawai‘i. *Draft General Plan 2040.* Page 7.

¹² *General Plan for the County of Hawai‘i.* 2005. P. 2-15

Table 4.2 Comparison of Hilo (Keaukaha-Pana‘ewa) with County Demographic Data		
	Hilo (Keaukaha-Pana‘ewa) Census Tract (206)	Hawai‘i County
Population: Resident Population	6,506	200,468
Age: Median age (years) Population under 18 Population over 65	42.3 22.0% 19.1%	43.0 21.5% 21.3%
Race: White+ Native Hawaiians and Pacific Islanders+ Asian+	36.4% 66.8% 46.2%	55.9% 33.7% 43.2%
Employment: Civilian unemployment rate People below the poverty level	5.5% 12.6%	6.9% 13.8%
Income: Median household income	\$68,981	\$68,399
Households: Housing units Owner occupied Average household size (persons) Median value of owner-occupied unit	2,271 75.7% 3.21 \$264,200	88,259 69.8% 2.77 \$385,900
Education: Bachelor’s degree or higher	23.5%	30.2%
Source: Hawaii 2017-2021 ACS 5-Year Estimates by Census Tracts (US Census) ¹³ ; US Census Bureau Hawaii Population Characteristics 2021 ¹⁴ ; + alone or in combination		

The Hilo Keaukaha-Pana‘ewa Census Tract 206 also includes the Keaukaha community. The State DHHL Hawaiian homesteading program’s purpose is to develop and deliver homesteading opportunities for native Hawaiians. Established in 1924, Keaukaha was the second Hawaiian homestead community in the state. In 2021, the Keaukaha community had an estimated population of approximately 1,964 residents with around 503 households.¹⁵ Accordingly, the Hilo Keaukaha-Pana‘ewa Census Tract has a substantially higher portion of Native Hawaiian and Pacific Islander residents and lower populations of White residents compared to the broader County. Most of the other demographic data for the Hilo census tract are generally comparable to the larger County demographics. Keaukaha has a higher percentage of owner occupied households, a higher average household size, and a lower median value of an owner-occupied unit compared to the County.

¹³ DBET Research and Economic Analysis Division, Hawaii 2015-2019 ACS 5-Year Estimates by Census Tract & Legislative Data (n.d.) 1.
¹⁴ U.S. Census Bureau, *Hawai‘i Population Characteristics (2021)*.
¹⁵ American Community Survey. *ACS 5-Year Estimates Data Profile Hawaii County 2017-2021*.



Community Concerns with Development and Tourism

Keaukaha community organizations have expressed concerns with development as a whole and tourism associated with cruise ship passengers. Changes occurring over several decades from development, industrial uses, commercial expansions (e.g., Walmart, Target, etc.), attempted hotel development (e.g., 36-unit eco-resort proposed), etc. have raised the community's awareness and concerns. These commercial and industrial developments within the Keaukaha and Waiakea communities have supported the town of Hilo in becoming an important center for the County's residents and activities. Such urbanization inevitably brings changes to communities, but it also provides important elements such as jobs, housing, government services, public facilities and schools, and more diversity and options available for the public to acquire necessary goods and services. Several currently undeveloped areas along the Keaukaha coastline are also zoned for Resort Use under the County's regulations contributing to the potential of future resort developments and continued apprehension by the community.

The return of cruise ship visitors since the pandemic has contributed to increased vehicular traffic in the area associated with taxis, buses, and ride-share providers (e.g., Uber/Lyft) particularly during ship arrival and departure times. During the first half of 2023, Hawai'i Tourism Authority statistics indicated a monthly average of about 13,500 persons visited the island of Hawai'i as part of island hop cruises visiting all the main islands, and visitors spend about \$90 per day. This has also resulted in more visitors to the area's beach parks participating in recreational activities. Although such beach parks are open to the public, the additional crowding and undesired behaviors experienced by residents at these areas generate some frustration due to this change.

The Hawai'i Tourism Authority (HTA) in coordination with both the County and Island of Hawai'i Visitors Bureau have recently implemented two new community-based destination management initiatives to address community concerns with visitor effects in the Keaukaha area. The Keaukaha Steward Pilot Program and Community Cultural-Based Education Program served as a pilot program till the end of 2023 as a community-led, government-supported actions occurring at both Waiuli and Lehia beach parks. The programs support local stewards hired to be stationed at these beach parks to help educate visitors about the area and history, gather visitation data, and mitigate unwanted behaviors.

Project Effects on Social Factors

The acquisition of properties should not have a significant effect on the various social factors or change the current demographics for the Hilo (Keaukaha-Pana'ewa) census tract. This action only involves an administrative action transferring ownership to the State.

Acquisition of properties would impact the individual existing businesses operating there due to their eventual displacement over time. A Phase 1 Environmental Site Assessment survey (Appendix E) conducted for the five parcels proposed for acquisition included a field survey with site inspections and photographs of these businesses. Based upon this survey 19 businesses were documented as being present within the five properties. Given the types of businesses operating on these properties (auto repairs and supplies, warehouse and freight, gas distribution, etc.), approximately 100 or less employees may be affected over time.

The State DOT has been coordinating with the property owners of these privately-owned parcels. As with any other business property transaction that occurs in the marketplace, existing tenants affected will have questions about the status of their leases. Another developer could similarly purchase these properties and redevelop them with a different use resulting in the same displacement of those tenants. Thus, displacement of these businesses from these locations over time (upon expiration of their leases) would have a smaller but localized effect for each tenant. This should not have a significant impact on the availability of similar commercial and industrial uses or activities occurring in Hilo town or on the island. With sufficient time available for these businesses to relocate to new locations, they would be able to continue operating and providing their goods and services to the public. Thus, the project would not have a significant or adverse impact on the economic character of the Harbor area or the larger Hilo town area.

The State DOT has shared its future plans for the project's properties and discussed them in the published Draft EA. Thus, existing tenants should be aware of the State's intent and purpose with the purchase of the land. After acquiring the properties, the State DOT will negotiate with the existing tenants to either remain on the properties until their lease expires or negotiate terminating their leases with the State before relocating. Being able to continue operating at their site until the end of their lease minimizes economic effects since tenants are able to continue operations while planning ahead based upon their lease expiration date. This results in similar market conditions whereas the current owners could decide to change the use of their space or find new tenants when existing tenant leases expire. Tenants have information regarding the terms of their leases and can plan ahead on taking action in their best interest. They can continue to operate and plan ahead under their lease similar to normal market conditions and thereby minimizing effects from the State's acquisition of properties. With such accommodations, the project would not have a significant or adverse economic impact.

A search (September 25, 2023) on OfficeSpace.com¹⁶ indicated that 72 commercial real estate spaces were available for lease and 35 buildings were available for sale in the Hilo region. Other commercial real estate websites list several buildings available for lease for commercial or light industrial use. In the immediate vicinity of this industrial area, two properties were listed for lease and sale located at 500 and 600 Kalaniana'ole Street consisting of 3.95-acre site with 10,080 square foot building, and a 3.91-acre parcel, respectively. A 22,030 square foot warehouse located at 60 Kūhiō Street (within Parcel No. 4) is also currently listed for sale by the owner. Therefore, this sampling at that time demonstrates that there are other spaces available for lease or sale in the Hilo town area that businesses could choose to relocate to, and such tenants would have at least a few years to program their relocation based upon their lease.

The project's improvements utilizing these properties should not have a significant short- or long-term impact on the various demographic characteristics of the area. Demolition of buildings and structures within the acquired properties would not change any of the demographic characteristics because there are no residences or visitor units that would be displaced. These properties consist of industrial and commercial uses such as auto repair, warehouse, etc. The industrial character of this area around the Harbor would continue with the project. Project improvements would actually slightly reduce the built environment of existing buildings on these parcels with the stacking lane, ground transportation stage area, and additional cargo operational areas created.

The project does not include constructing any new residences or visitor units within the Harbor or the properties acquired that would increase the area's resident or visitor population. The project should have no effect on Hilo's existing or future projected demographic characteristics because it would not change the County's existing or long-term demographic projections for this area or the larger district. Future resident population and housing units should therefore occur based upon County land use approvals and projected trends. Therefore, the project improvements using the

¹⁶ OfficeSpace.com, Hilo, Hawai'i Commercial Real Estate. Accessed September 25, 2023. <https://www.officespace.com/hi/hilo>

acquired properties would not impact the County's population, demographic characteristics, or housing conditions.

The project would have no effect on military activities and agricultural businesses, and minimal long-term effect on retail and commercial businesses serving Hilo and the larger region of this island. The project would not change the existing character of this harbor and industrial area along with the Keaukaha community located further east. The project does not involve creating new industrial land uses or businesses that would compete with existing industrial businesses in the Hilo area. The new ground transportation staging area created would also have a beneficial effect for the tourism industry by supporting cruise ship passengers in providing a less congested and safer area for picking up and returning them.

The Keaukaha General Store is a convenience store located at the corner of Silva Street across from the Harbor's Kūhiō Street entrance that has operated since 2012. This store provides a variety of food, local products, sun care products, baking goods, snacks, etc. for residents and visitors. Their kitchen serves breakfast and lunch daily until 3:00 p.m. and their coffee cove provides coffee, desserts, and other drinks. The displacement of businesses operating at the properties being acquired would slightly reduce some business occurring at this general store from those employees now purchasing coffee, drinks, or meals. However, the relocation of businesses would not begin for at least for a few years and would likely occur over time subject to tenant leases minimizing the long-term effect on purchases being made at this store by these employees. Therefore, this change from the project should not have a significant or adverse impact on this store since it would occur over time and would not impact the store's business generated from area residents, cruise ship visitors, and residents from the broader Hilo region. Improved cruise ship passenger movement from the project may benefit the store providing additional business opportunities from passengers due to less congestion, convenient access, and time to visit and make purchases.

The new stacking lane, ground transportation staging area, and other associated roadway improvements would help alleviate traffic congestion along Kalaniana'ole Street. This would have a positive beneficial effect for the Keaukaha community by improving traffic flow through this corridor which is their only vehicular access.

Effects Related to Development and Tourism

The project would not contribute to new development occurring within the Keaukaha area or involve new resort development in Resort zoned areas. The project only involves use of the five parcels proposed for acquisition. The improvements are intended to achieve the project's objectives which is to help alleviate some traffic congestion along Kalaniana'ole Street by creating stacking lanes for semi-trailers, improving Harbor access locations, and creating a transportation staging area to better manage traffic associated with cruise ship passengers. Other objectives are to improve the safety of Harbor operations and provide additional yard space to support the efficient movement of cargo. Improved efficiency of Harbor cargo yard operations is important because the inefficient movement of containers and other activities contribute to increased shipping costs that are passed down to businesses receiving the cargo which ultimately affects the

consumer. Therefore, construction of future resorts or other developments (housing, commercial, etc.) are not part of DOTH's mission and Harbor needs and such proposed actions would be determined by other landowners or developers upon other regional or economic factors and not due to these Harbor improvements planned.

The project would not contribute to growth issues in the regional development of Hilo and island wide or increase the amount of cargo processed at the Harbor. Population growth and urban expansion typically fall under the County's long-range land use planning and approvals. Changes in the demand for essential goods and materials are due to regional and island-wide factors determined by future urban expansion, resident and de facto populations, and business and consumer demands (both importing and exporting goods). Harbor operations focus on the safety and cost efficiency of processing the distribution of goods and materials received or exported. Therefore, the project improvements do not influence cargo demand and would thus not increase or decrease the amount of cargo imported or exported from the Harbor.

Similarly, the project would not increase the number of cruise ship visitors to the island or influence the level of tourism occurring. Visitors would choose to visit the island based upon other decision-making factors, such as a cruise ship's vacation package and the island's attractions, and not due to the facilities present at the Harbor. As a result, the project would not influence the number of cruise ship visitors to Hilo and subsequently would not have a significant or negative impact on beaches and beach parks associated with visitors. Additional crowding and community frustrations with visitors using public beach parks would thus not be caused by or indirectly affected by this project. The State DOTH supports the community-based destination management initiatives (Keaukaha Steward Pilot Program and Community Cultural-Based Education Program) that are more appropriate actions to address community concerns with informing and managing cruise ship visitors.

4.3.2 Economic and Fiscal Factors

The acquisition of properties should not have a significant effect on the State or County's economic and fiscal factors such as tax revenue. The approximate \$17.0 million cost to acquire the properties would be funded using State Harbors Special funds created by §266-19, HRS. The design and construction appropriation would similarly need to be funded by the State Harbors Special funds in the future. Budgeting for this expenditure would be accommodated within the larger State Harbors Special funds budget in relation to other harbor operational and capital expenses.

The project improvements would have a relatively minor long-term effect on both the County and State's economic and fiscal factors associated with tax revenue generated. Construction of improvements would similarly have different short-term effects in relation to the County and the State's finances. The primary economic and fiscal effects would be associated with short-term construction jobs that would generate a small minor positive economic impact over the few years for which improvements are constructed.

Short-Term Project Effects

Funding for these improvements using the acquired parcels would create new construction jobs during the duration of construction activities, as well as support industries that service construction activities directly and indirectly (indirect jobs and induced jobs). Direct construction jobs would typically consist of on-site laborers, landscapers, tradesmen, mechanical operators, supervisors, etc. New jobs created would also generate additional personal income for construction workers from wages paid to them or operational employees associated with activities. Direct construction jobs created would also stimulate indirect and induced employment and spending of wages within other industries. These construction jobs associated with State-funded work would likely be filled by residents from the Island of Hawai'i employed within the construction industry.

Overall, implementation of these improvements would also generate some indirect and induced jobs throughout the entire construction period. The total employment impact (direct, indirect, induced) would be relatively small in comparison to the larger island employment. Nevertheless, it would still have a positive impact on employment for the island and residents.

These new construction jobs would generate additional personal income for construction workers along with indirect and induced income. This additional income would have a relatively minor positive impact to residents on Hawai'i Island that are directly employed or indirectly benefiting from this expenditure. Additional jobs created from State funded construction activities would provide additional personal income to individuals that would also support indirect and induced employment within the County from the spending of these wages. However, these indirect and induced effects should be minor, especially being spread out over a few years, but it would still generate a minor beneficial effect on the local economy.

Additional tax revenue generated to the State from the project's construction would result in a minor short-term beneficial effect. State funds would need to be expended to construct the improvements, but various State tax revenue would be generated from this expenditure that would reduce the effects from the expenditure. In addition, federal grants may be obtained for this project to supplement construction funding that would support State tax revenue generated.

Tax revenue generated for the State in the form of General Excise Tax (GET), corporate income tax, and personal income tax from construction workers would be relatively minor in comparison to the overall State revenue. Nevertheless, this revenue would have a minor beneficial effect on the State's fiscal condition because of the short-term increase in revenue generated from construction activities along with indirect (indirect jobs and induced jobs) benefits from income expenditures.

Long-Term Fiscal Project Effects

Long-term fiscal impacts would involve changes to current County property tax revenue generated from the properties to be acquired. County revenues generated are primarily limited to tax revenues on privately-owned property and improvements, and to a lesser extent fees charged for various

activities such as water, sewer, permits, etc. The Harbor property is owned by the State; therefore, no property tax is presently paid by the State.

The County now receives property tax revenue from these parcels that would be eliminated because they would now be State-owned property for which property tax revenue to the County would be exempted. This would result in an overall decrease of about \$158,500 (2022 property taxes) in County tax revenue for the five parcels. Although this reduced property tax amount is not irrelevant, it does represent a relatively small decrease in comparison to the County’s annual operating budget of about \$794 million for fiscal year 2023-2024. Therefore, this project should have an overall minimal effect on the current or future levels of County tax revenues being generated.

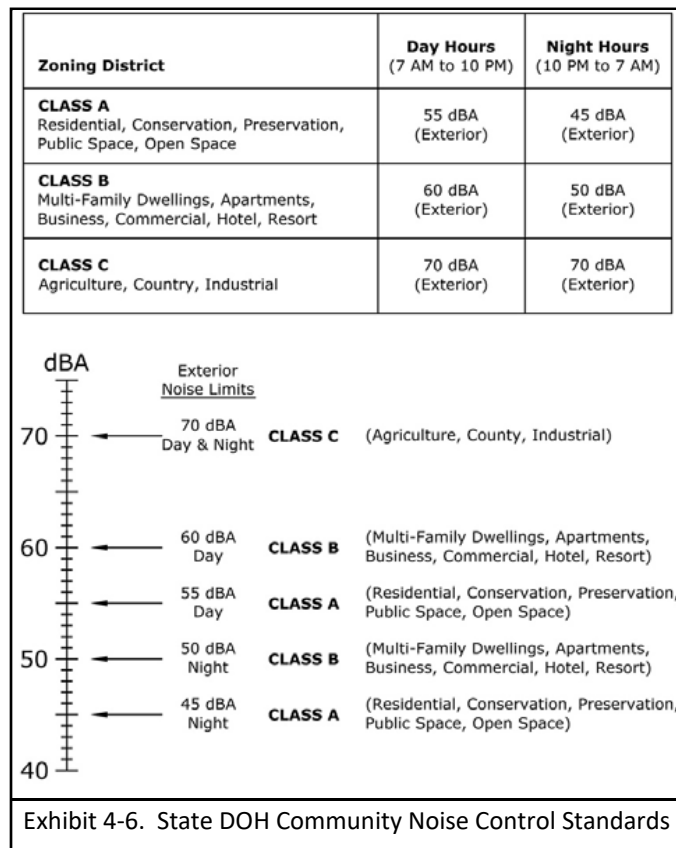
4.4 NOISE

4.4.1 Existing Noise Conditions

Noise Standards

Various state and federal agencies have established guidelines and standards for assessing environmental noise impacts and setting noise limits as a function of land use. A brief description of common acoustic terminology used in these guidelines and standards is presented.

1. Environmental Noise. Title 11, Chapter 46 (Community Noise Control), HAR, regulates environmental noise limits within the State. These rules define three classes of zoning districts and specify corresponding maximum permissible sound levels due to stationary noise sources such as air-conditioning units, exhaust systems, generators, compressors, pumps, etc. Maximum permissible sound levels applicable to these zoning classes are shown in Exhibit 4.6. The regulation also applies to noise related to agricultural, construction, and industrial activities, which may not be stationary. The maximum permissible noise levels are enforced by the State DOH for any location at or beyond the property line and shall not be exceeded for more than 10 percent of the time during any 20- minute period.



The Harbor is open during both daylight and night hours and is dependent upon ship arrivals and corresponding cargo operations. Cruise ship passengers arriving and departing in the early evening would fall under the day hours under these standards. The properties proposed for acquisition would fall under the day hours as most industrial and commercial activities would typically occur during this time period (7:00 a.m. to 10:00 p.m.). These industrial activities would fall under Class C land uses with a 70 A-weighted decibel (dBA) standard established.

2. Traffic Noise. The project should not result in additional vehicular traffic into and out of the Harbor, but it would eliminate current traffic entering and exiting the properties acquired. To address traffic noise effects, the State’s noise ordinance is not applicable to traffic noise sources. However, the Federal Transit Administration (FTA) presents allowable traffic noise exposure increases based on existing exposure levels. An increase of one decibel (dB) due to project traffic noise would be considered acceptable for highway noise under FTA’s guidelines.

3. Construction Noise. The State DOH allows construction activities to occur with the appropriate community noise permits during specific hours, as shown below. Any excessive noise outside of these hours requires an approved Community Noise Variance from the State DOH.

Equipment Used	Allowed Hours of Operation
Pile Drivers, Jackhammers, Impact Hammers, Demolition Equipment, etc.	9:00 a.m. – 5:30 p.m. Monday - Friday
Normal Construction Equipment	7:00 a.m. – 6:00 p.m. Monday – Friday 9:00 a.m. – 6:00 p.m. Saturday

The State DOH does not quantify allowable construction sound levels. Therefore, the FTA noise limits proposed as “reasonable criteria for assessment” was utilized. Though these construction noise limits are defined at the property line, they can also be applied to the construction area boundary for analyzing impacts from construction noise. The Construction Noise Limit guidelines are summarized below.

Federal Transit Administration General Assessment Construction Noise Limits		
Land Use	1-Hour L_{eq} (dBA)	
	Day (7:00 a.m. – 10:00 p.m.)	Night (10:00 p.m. – 7:00 a.m.)
Residential	90	80
Commercial	100	100
Industrial	100	100

For this project, a one-hour Leq level of 100 dBA was used as the maximum daytime construction noise level at the construction area boundary due to the existing industrial area around the Harbor and associated with the properties proposed for acquisition.

Existing Noise Environment

Noise levels are described in decibels (dBA) using the Average Day/Night Level, or Ldn, which is the 24-hour average of the equivalent sound levels obtained after an addition of 10 dBA to the sound levels from 10 p.m. to 7 a.m.

The acoustic environment surrounding the Harbor and the industrial area along Kalaniana'ole Street associated with the parcels being acquired is consistent with light to heavy industrial land uses. Noise is generated by vehicular and semi-trailer truck traffic along Kalaniana'ole Street, overhead airplane traffic from the landings and take-offs from Hilo International Airport, Harbor vessel and container cargo transportation and internal operations, and other commercial and industrial activities such as automotive repair, warehouse storage, etc. Residential uses are not present in the immediate vicinity of the Harbor and properties proposed for acquisition. However, further east is the State DHHL Keaukaha community and further west are residences associated with Hilo town.

Noise levels along the shoreline of Hilo Bay to Leleiwi Point located east of the Harbor within the Keaukaha community vary from 60 to 65 DNL due to noise from the ocean, waves, and other uses along this coastline. Lower background ambient noise levels of about 40 to 45 DNL occurs within the Keaukaha residential subdivision due to lower noise generating activities in this community (e.g., less vehicle traffic, industrial uses, etc.). Locations along Banyan Drive and in downtown Hilo, areas which are more affected by traffic noise, have background ambient levels ranging from 55 to 65 DNL. Aircraft-related noise along the Harbor area were estimated to be about 60 DNL with increasing airport noise approaching the runway (65 to 70 DNL) (WOA, April 2003).

Noise levels along Kalaniana'ole Street near roads leading to the Harbor's entrances are likely to be about 60 to 65 DNL due to increased traffic and congestion occurring in the area from existing businesses and Harbor activities. Semi-trailer traffic and idling time waiting to enter the Harbor contribute to ambient noise levels. Cruise ship passengers contribute to spikes in traffic noise due to ground transportation traffic with buses, taxis, etc. picking them up during the morning after returning in the early evening when ships leave. Industrial activities occurring at the properties proposed for acquisition along with adjacent businesses also contribute to ambient noise in this area. Therefore, collectively, these sources can generate intermittent but a fair amount of noise. However, these activities should not be resulting in exceedances of the Class C noise level standard applicable to this area of 70 dBA.

4.4.2 Project Effects on Noise Conditions

The acquisition of properties would have no effect on the existing ambient noise levels in the project area since it only involves an administrative action transferring ownership to the State. The project’s proposed improvements utilizing these properties should similarly have not have a significant or negative short- or long-term impact on noise levels. Improved traffic congestion would have a beneficial effect on noise levels.

Short-Term Construction Noise Effects

The project would involve demolishing certain buildings and structures that are not needed to support cargo operations. Other activities would include constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations and improve semi-trailer access at harbor entrances.

These short-term construction activities would generate noise volumes that would be audible at nearby businesses. The actual sound levels that would be experienced in the vicinity will vary greatly during construction activities and are a function of the distance from the noise source, sound attenuation (topography, structures) between the noise source and the noise receptor, the duration of the construction activities, and the number of pieces of equipment used. Exhibit 4.7 shows noise levels for various pieces of construction equipment from 50 feet away from FTA’s *Transit Noise and Vibration Impact Assessment* (FTA, 2006).

Equipment	Typical Noise Level 50 Feet from Source
Backhoe	80 dBA
Dozer	85 dBA
Generator	81 dBA
Grader	85 dBA
Jack Hammer	88 dBA
Loader	85 dBA
Paver	89 dBA
Pile-driver (Impact)	101 dBA
Rock Drill	98 dBA
Scraper	89 dBA
Truck	88 dBA
Exhibit 4-7. Construction Equipment Noise Levels	

The actual noise levels produced during demolition and construction activities would be a function of the methods employed during each stage of the process by the contractor. Although the specific equipment and quantity used would be determined by the contractor, the equipment identified represents a reasonable approximation of what would be used. Construction noise levels at the property line are expected to be below the FTA’s noise impact threshold of 100 dBA for industrial land uses that are present in the area. In addition, typical noise levels decrease 6 dBA when doubling the distance away. Therefore, construction noise should not have a significant adverse impact on surrounding uses because there are no noise sensitive uses such as residences in the immediate vicinity.

In cases where construction noise exceeds or is expected to exceed the State’s “maximum permissible” property line noise levels, a permit must be obtained from the State DOH to allow the operation of vehicles, construction equipment, power tools, etc., which emit such noise levels. This ministerial permit is typical for construction activities. The DOH noise permit does not limit

the noise level generated at the construction site, but rather the times at which noisy construction can take place. Specific permit restrictions for construction activities are:

1. No permit shall allow any construction activities which emit noise in excess of the maximum permissible sound levels ... before 7:00 AM and after 6:00 PM of the same day, Monday through Friday.
2. No permit shall allow any construction activities which emit noise in excess of the maximum permissible sound levels... before 9:00 AM and after 6:00 PM on Saturday.
3. No permit shall allow any construction activities which emit noise in excess of the maximum permissible sound levels on Sundays and on holidays.

Long-Term Project Noise Effects

Use of the new stacking lane, ground transportation staging area, and other associated roadway improvements would help alleviate some traffic congestion along Kalaniana'ole Street that would reduce traffic noise in this area particularly from idling cars in traffic. There would be no change in the number of semi-trailers traveling to the Harbor from this project, but the stacking lane and improved access at entrances would reduce truck idling time and associated noise having a positive effect. Elimination of existing industrial and commercial activities on the acquired properties would reduce associated traffic now going to these sites also having a beneficial effect of reducing some traffic noise in the area. Therefore, the project should have an overall beneficial effect on noise in the area.

4.5 AIR QUALITY

4.5.1 Existing Air Quality

Ambient concentrations of air pollution are regulated by both National and State ambient air quality standards (AAQS). National AAQS are specified in Section 40, Part 50 of the Code of Federal Regulations (CFR), while State of Hawai'i AAQS are defined in Chapter 11-59, HAR. National and State AAQS have been established for five criteria pollutants: carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), lead (Pb), ozone (O₃), and concentrations of particulate matter (less than 10 microns (PM₁₀) and less than 2.5 microns (PM_{2.5})). The State has also set a standard for hydrogen sulfide (H₂S).

National primary standards are designed to protect the public health with an "adequate margin of safety." National secondary standards, on the other hand, define levels of air quality necessary to protect the public welfare from "any known or anticipated adverse effects of a pollutant." Table 4.3 summarizes both the National and the State AAQS.

Air Pollutant	Averaging Time	Hawai'i AAQS	Federal (NAAQS)	
			Primary	Secondary
Carbon Monoxide (CO)	8-hour 1-hour	4.4 ppm 9 ppm	9 ppm 35 ppm	-- --
Lead (Pb)	Quarter 3- months	1.5 µg/m3 --	1.5 µg/m3 0.15 µg/m3	1.5 µg/m3 0.15 µg/m3
Nitrogen Dioxide (NO ₂)	Annual 1-hour	0.04 ppm --	0.053 ppm 0.100 ppm	0.053 ppm --
Ozone (O ₃)	8-hour	0.08 ppm	0.075 ppm	0.075 ppm
Particulate Matter <10 microns in diameter (PM ₁₀)	Annual 24-hour	50 µg/m3 150 µg/m3	-- 150 µg/m3	-- 150 µg/m3
Particulate Matter <2.5 micrometers in diameter (PM _{2.5})	Annual 24-hour	-- --	15 µg/m3 35 µg/m3	15 µg/m3 35 µg/m3
Hydrogen Sulfide (H ₂ S)	1-hour	0.035 ppm	--	--
Sulfur Dioxide (SO ₂)	Annual 24-hour 3-hour 1-hour	0.03 ppm 0.14 ppm 0.50 ppm --	-- -- -- 0.075 ppm	-- -- 0.50 ppm --

Source: State Department of Health, 2008

Secondary public welfare impacts may include such effects as decreased visibility, diminished comfort levels, or other potential injury to the natural or man-made environment. State AAQS are designed “to protect public health and welfare and to prevent the significant deterioration of air quality.” Each of the regulated air pollutants has the potential to create or exacerbate some form of adverse health effect or to produce environmental degradation when present in sufficiently high concentration for prolonged periods of time. The AAQS specify a maximum allowable concentration for a given air pollutant for one or more averaging times to prevent harmful effects. Averaging times vary from one hour to one year depending on the pollutant and type of exposure necessary to cause adverse effects. In the case of the short-term (i.e., 1- to 24-hour) AAQS, both National and State standards allow a specified number of exceedances each year.

Present Air Quality in the Area

Air quality in the State can generally be characterized as relatively clean and low in pollution. However, communities near the State’s active volcanoes record higher levels of SO₂ and PM_{2.5} with regular exceedances of National AAQS for SO₂ and occasional exceedances of National AAQS for PM_{2.5}. The Environmental Protection Agency (EPA) considers volcanism as natural, uncontrollable events with the State of Hawai‘i requesting exclusion of volcanism related National AAQS exceedances from attainment and nonattainment determinations. Excluding exceedances due to volcanic emissions, the Island of Hawai‘i was in attainment of all National and State AAQS in 2021 (DOH, 2022). Tradewinds are predominant throughout the year, typically carrying emissions and other air pollutants from inland areas toward the ocean.

A station in Hilo recording particulate matter PM_{2.5} had an annual mean of just 3.7 well below the federal AAQS. The Hilo station recording Sulfur Dioxide (SO₂) recorded two instances of elevated levels in 2021 that were contributed to the eruptions at Halema'uma'u crater on the summit of Kilauea volcano on December 20, 2020, and September 29, 2021 (DOH, 2022).

Much of manmade particulate emissions originate from area sources, such as the mineral products of industrial and agricultural activities. Manmade sulfur oxides are emitted almost exclusively by point sources, such as power plants and other fuel-burning industries. The Hawaiian Electric Light Company's Kanoelehua Hill Generating Station is a power plant located in Hilo. Nitrogen oxides emissions emanate predominantly from area sources (mostly motor vehicle traffic), although industrial point sources contribute a significant share. The majority of carbon monoxide emissions occur from area sources (motor vehicle traffic), while hydrocarbons are emitted mainly from point sources.

4.5.2 Project Effect on Air Quality

The acquisition of properties would have no effect on the existing air quality in the project area since it only involves an administrative action transferring ownership to the State. The project's proposed improvements utilizing these properties should similarly not have a significant or negative short- or long-term impact on air quality levels. Improved traffic congestion would have a beneficial effect on air quality from reduced emissions from idling semi-trailers.

Short-Term Construction Effects

The project would involve demolishing certain buildings and structures that are not needed to support cargo operations. Other activities would include constructing stacking lanes, staging areas, roadway improvements, and other accessory items to support harbor operations and improve semi-trailer access at harbor entrances.

Short-term impacts on air quality could occur due to the demolition of buildings and structures along with the construction of improvements. There are two types of air pollution that could result in short-term air quality impacts: 1) fugitive dust emission from project construction activities and vehicle movement; and 2) exhaust emission from on-site construction equipment. There may also be short-term impacts from vehicular CO emissions related to travel of construction equipment to and from the project site, the temporary increase in local traffic caused by commuting construction workers, and the disruption of normal traffic flow caused by roadway lane closures, if required.

Fugitive dust emissions could result from earth moving activities or building demolition work. This includes minor grading and grubbing of the area, and development of site improvements such as roadways. Construction activities would comply with State's air pollution controls prescribed under State DOH's rules (Chapter 11-59, HAR "Ambient Air Quality Standards" and Chapter 11-60.1, HAR "Air Pollution Control"). These rules prohibit visible emission of fugitive dust from construction activities at the property line. A dust control plan would be prepared if adverse air quality impacts are anticipated for implementation by the contractor. Dust control measures may

involve implementation of a watering program or use of windscreens. Other measures include BMPs at the job site (i.e., tire washing programs), and use of temporary rock pavers for heavily traveled areas with exposed soils.

On-site mobile and stationary construction equipment would also emit air pollutants from engine exhaust. Large construction equipment typically used for earthmoving activities is generally diesel-powered. NO₂ emissions from diesel engines can be comparatively higher than gasoline powered equipment. However, annual AAQS for NO₂ should not be exceeded from short-term construction equipment operation. The short-term (1-hour) standard for NO₂ is derived from a three-year average for this air pollutant. Therefore, it is unlikely that relatively short-term construction emissions would exceed the one-hour standard. CO emissions from diesel engines are generally low and should be comparatively lower than vehicular related CO emissions on nearby roadways. Exhaust emissions from construction vehicles can be further minimized through the proper operation and maintenance of all equipment.

To minimize short-term construction effects on air quality from emissions of fugitive dust, the following measures would typically be included in design plans.

1. A dust control plan would be prepared during the project's design phase for implementation by the contractor in compliance with State regulations. Dust control measures may involve implementation of BMPs potentially consisting of a watering program, use of windscreens, and use of temporary rock pavers for heavily traveled areas with exposed soils.
2. Construction vehicles would be properly operated, and all equipment properly maintained to minimize exhaust emissions.
3. The movement of heavy construction equipment and workers would occur outside peak traffic periods. Design plans would be coordinated with the project contractor to ensure movement of equipment and workers does not occur during commuter peak traffic hours.

Long-Term Project Effects

Use of the new stacking lane, ground transportation staging area, and other associated roadway improvements would reduce traffic congestion along Kalaniana'ole Street. Access at the Harbor's entrances would also be improved for semi-trailers and vehicles that would reduce delays and congestion in this area. There would be no change in the number of semi-trailers traveling to the harbor from project improvements. However, the stacking lane and improved access at harbor entrances would reduce truck idling time and associated emissions having a positive effect on air quality in the area. Similarly, reduced idling time and emissions from vehicles traveling along Kalaniana'ole Street would also have a positive effect on air quality.

Elimination of existing industrial and commercial activities on the acquired properties would reduce associated traffic now going to these sites having a beneficial effect of reducing vehicle emissions in the area. Therefore, the project should have an overall beneficial effect on air quality in the area by reducing emissions.

4.6 VISUAL RESOURCES

4.6.1 Existing Visual Resources

The County's General Plan, adopted under Ordinance 05-025, is a policy document for the long-range comprehensive development of the island which identifies goals, policies, and standards (County, February 2005). This General Plan was used to identify sites of natural beauty in the South Hilo District along with scenic stationary viewing locations and scenic drives that could be affected by the project.

The natural beauty of the South Hilo district is dominated by Mauna Kea and Mauna Loa as various locations in the area provide magnificent views of these mountains. Hilo Bay also provides a picturesque view for Hilo. Other scenic resources and views of natural beauty that may be applicable to this project include the following:

- Banyan Drive scenic area that generally extends from Reed's Bay Beach Park to Liliuokalani Gardens.
- Shoreline views of Reeds Bay.
- Views of Liliuokalani Gardens.
- Viewpoint from Liliuokalani Gardens of the Hilo Bay area with Mauna Loa in the background.
- Viewpoint from Liliuokalani Gardens of the Hilo Bay area with Mauna Kea in the background.
- Views of Coconut Isle (Mokuola).
- Views of the Ice Pond near Reeds Bay.
- Viewpoints of the shoreline at Leleiwi Point.
- Views of Lihikai (Onekahakaha) Beach Park and the shoreline.
- Views of the shoreline at Keokea Point.

There were no scenic views or public viewing locations from within the Harbor identified as being important as this facility is generally restricted from general public access due to security necessary for cargo operations occurring. Within the vicinity of the properties to be acquired along Kalaniana'ole Street, there are no scenic viewing resources present, stationary viewing locations, or scenic drives identified. This is due to the built-up industrial character, buildings and uses present along this road.

4.6.2 Project Effect on Visual Resources

The acquisition of properties would have no effect on the visual resources or scenic view locations since it only involves an administrative action transferring ownership to the State. The project's proposed improvements utilizing these properties should similarly not have a significant or negative short- or long-term impact visual resources because there are none located within these properties or are the properties being used for scenic views.

The project would demolish certain buildings and structures that are needed to construct the stacking lane, ground transportation staging area, and other access improvements. With no scenic resources associated with these structures, this action would not have a short-term and long-term effect on important visual resources. Based upon the important visual resources and viewing locations identified previously, none are present within or in the immediate vicinity of the parcels to be acquired. Kalanianaʻole Street fronting the Harbor is not a scenic route due to the industrial uses present along this road.

Demolishing existing buildings along Kalanianaʻole Street would actually create more potential views of the Harbor along that section of the road. There would similarly be no significant long-term impact on scenic or important views with the completion of harbor improvements. The majority of improvements associated with the stacking lanes, staging areas, and roadway improvements consist of site work to level areas and create improved paved open areas for vehicle and semi-trailer use. This work does not include constructing large new buildings or structures along Kalanianaʻole Street that would restrict views of the Harbor. Therefore, the project would change the current industrial built-up view along this street creating more open areas, but would not negatively affect scenic resources, viewing locations, or scenic routes since none are present in the immediate area.

4.7 HAZARDOUS MATERIALS

Element Environmental, LLC (E2) conducted a Phase 1 Environmental Site Assessment (ESA) for the five parcels proposed for acquisition located at the Harbor. This Phase 1 ESA was conducted in general conformance with ASTM International (ASTM) Practice E 1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM, 2021). A copy of this report is included in Appendix E of this document.

The Phase 1 ESA included the following tasks:

1. Review of standard environmental record sources including the U.S. Environmental Protection Agency (EPA) Superfund Enterprise Management System (SEMS) database, other EPA database records, State DOH Hazard Evaluation and Emergency Response (HEER) Office site list, Underground Storage Tank (UST) list, etc.
2. Review of the site's history using standard historical sources such as historical maps; aerial photographs; building permits, zoning records, and property tax records available, etc.
3. Review of site geology and hydrogeology using published information on surface and subsurface conditions at the site and surrounding area. This information was used to assess topography, drainage, surface water bodies, anticipated subsurface geology, and groundwater occurrence and usage in the area.
4. A Visual Site Inspection (VSI) was performed of the property to note visual signs of contamination and conducted a limited assessment of portions of the neighboring properties visible from the subject property boundaries.
5. Interviews were conducted with available individuals familiar with the site conditions and/or history of site use.

4.7.1 Existing Conditions

The Phase 1 ESA study identified “recognized environmental conditions” (RECs) on the subject properties. RECs are defined as: 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; 2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or 3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The resulting RECs identified for the properties proposed for acquisition are summarized in Table 4.4.

Table 4.4 Recognized Environmental Concerns Associated with Subject Properties			
Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
Parcel 1: AirGas Gaspro, Inc., TMK (3) 2-1-007: Parcel 005			
<u>Hazardous Substances and Petroleum Products:</u> <ul style="list-style-type: none"> Historic use of the property for pesticide manufacturing activities from 1958 to circa (c.) 1978 including a pentachlorophenol (PCP) release at the subject property (c. 1983) and suspected releases associated with the manufacturing plant. No records of verification sampling for the 1983 release and State DOH never issued a No Further Action (NFA) status. In 2018 DOH stated that they suspect additional releases occurred at the site. Storage of large quantities of compressed-gas cylinders and the manufacturing of industrial and medical gases. No leaks or spills were identified during the VSI. However, they pose a risk of oxygen displacement, fires, explosions, spontaneous combustion, and toxic gas exposure. 	✓		✓
Parcel 2: 595K LLC, TMK (3) 2-1-007: Parcel 004			
<u>Hazardous Substances and Petroleum Products:</u> <ul style="list-style-type: none"> A UST of unknown volume and content was reportedly removed from the site on December 24, 1991. No documentation of the UST closure and site assessment was available for review. DOH correspondence dated January 2020 indicates that soil vapor sampling is required in the vicinity of the former UST to verify the presence/absence of contamination. No documentation was found regarding the soil vapor sampling. 		✓	
<u>Solid and Hazardous Waste:</u> <ul style="list-style-type: none"> During the VSI, hazardous substances and/or petroleum products were often observed to be improperly stored with improper labeling and/or no secondary containment. Housekeeping practices were poor and multiple <i>de minimis</i> releases were observed. This is considered a REC since improper storage of hazardous substances was observed. 			✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
Parcel 3: 595K LLC, TMK (3) 2-1-007: Parcel 046			
<u>Hazardous Substances and Petroleum Products:</u> <ul style="list-style-type: none"> Three reported releases have occurred on the property under DOH HEER Case Nos. 19981024, 200090130-1055, and 20110302-1330. Site investigations show that free was identified in the groundwater and the soil has been petroleum- and metals-impacted. The HDOH has not issued a NFA status for the releases indicating a hazard may still be present. An in-ground hydraulic lift was observed in the auto shop during a 2018 site visit (shop was not accessible under VSI). No records of closure or removal were found. This is considered a REC as the amount of hydraulic fluid stored in underground reservoirs is above the reportable quantity if release should occur. During the VSI hazardous substances and/or petroleum products were observed in contact with bare soil (i.e., rusting/leaking salvage vehicles, oily/greasy parts, electronic parts, tires, etc.) and/or improperly stored in containers (ranging from quart size containers to 55-gallon steel drums) for use during repair/maintenance operations. Housekeeping practices were poor and multiple de minimis releases were observed. This is considered a REC since improper storage of hazardous substances and petroleum products was observed. 	✓		✓ ✓
<u>Solid and Hazardous Waste:</u> <ul style="list-style-type: none"> The parcel has been used for unpermitted automobile salvage activities and vehicle maintenance and repair activities since the site closure activities between 2010 and 2011. Releases of petroleum and metals to the unpaved areas of the site were observed during the VSI. Large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, solid waste, a pile of at least 50 used tires, wood pallets, and other municipal waste were observed during the VSI. 	✓		✓
Parcel 4: Sparks & Boschetti, TMK (3) 2-1-009: Parcel 004			
<u>Hazardous Substances and Petroleum Products:</u> <ul style="list-style-type: none"> DOH issued the site Facility Identification (FID) 9-600715 for three USTs (557-gallon diesel, 1,000-gallon gasoline, and 285-gallon used oil), all installed in 1936. The diesel tank was removed in 1991, and the other tanks are listed with a removal date of "Not Reported". This is considered a REC as it is not known if the USTs were properly closed or removed from the ground, and releases may be impacting the subject property. At least 10 storage tanks (ASTs/USTs) ranging in capacity from 1,000 to 64,000 gallons, were historically used to store petroleum and other hazardous substances. There is no additional information regarding these tanks, and it is possible that releases may have occurred, and/or may be occurring from USTs remaining in the ground (if any). 		✓	✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
Parcel 4: Sparks & Boschetti, TMK (3) 2-1-009: Parcel 004 (Continued)			
<ul style="list-style-type: none"> The site was historically used to manufacture, mix, store, package, and distribute pesticides and fertilizers; and has been used since 1928 to service, repair, and salvage fleet and private vehicles and equipment. This site is currently used to temporarily store hazardous substances and petroleum products as cargo and to service, repair, store, and salvage fleet/private vehicles and equipment. This historic use is considered a REC as releases may have impacted the subject property. The fertilizer building was constructed over an underground pipeline owned/used by Hilo Consolidated Railroad to transport oil to the harbor from an AST located about 290 feet south of the parcel. This is considered a REC because it is not known if the pipeline was properly drained of crude oil and abandoned. Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, 55-gallon drums, 200- gallon polyethylene tank, oil collector) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even though the releases may not be reportable releases. The poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. 		<p style="text-align: center;">✓</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>
<p><u>Solid and Hazardous Waste:</u></p> <ul style="list-style-type: none"> A Solid Waste Management Permit (SWMP) No. HW-6045/UO-0043-98 was issued to Conen's Freight Transport, Inc. at 500 Kalaniana'ole Street as a used oil transporter. Conen's Freight Transport, Inc. moved its operation to 60 Kuhio Street (E2 Parcel D), the permit was never issued for this address. Compliance issues were noted for the transport of used oil after the expiration of the permit. It is not known if any releases are associated with the use or transport of oil. The parcel has been used for unpermitted automobile salvage of vehicles and parts. Releases of petroleum and metals to the site were observed during the VSI. An open excavation containing a stockpile of solid waste items was observed. This is considered a REC as potential hazardous substances and petroleum products may be released to the subject property. 		<p style="text-align: center;">✓</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>
<p><u>Stormwater Runoff / Drains</u></p> <ul style="list-style-type: none"> Several concrete and asphalt patches likely associated with a former drainage system and a French drain were observed. The French drain was submerged with a light to moderate continuous petroleum sheen on the water. The outfall of the drain is unknown. This is a REC with release observed. 	<p style="text-align: center;">✓</p>		

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
Parcel 5: Sparks & Boschetti, TMK (3) 2-1-009: Parcel 003			
<u>Hazardous Substances and Petroleum Products:</u> <ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, small buckets, and containers, two 500-gallon tanks, at least found 30-gallon steel drums) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple <i>de minimis</i> releases. This is considered a REC as even though the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. The parcel has been used for unpermitted automobile and industrial equipment salvage vehicles and parts as well as construction and demolition debris. Releases of petroleum and metals to the site were observed during the VSI. 		✓	
		✓	

4.7.2 Project Effects from Hazardous Materials

The Phase 1 ESA conducted for the properties proposed for acquisition determined the presence of some hazardous materials that need to be properly addressed. Additional site investigation activities are thus proposed to be conducted for all five of the parcels to evaluate the presence or absence and nature of contamination in soil and groundwater as part of a Phase 2 ESA. The State DOT is currently coordinating with the property owners to obtain a right-of-entry approval so that the Phase 2 testing work can be conducted.

Upon completion of the Phase 2 ESA study, more details would be known of the potential presence of hazardous materials within these parcels, and remediation measures would be identified. The costs for the removal of such materials would influence the acquisition costs of these parcels by the State and be factored into the negotiations associated with their acquisition. Removal of hazardous materials would likely be conducted by the State DOT and conducted as part of the project’s design phase. Other necessary measures would be incorporated into BMPs as part of the design plans for the contractor to implement during the demolition of buildings and structures.

Once potential hazardous materials are removed, construction of the stacking lane, ground transportation staging area, and other roadway improvements should not have a significant impact on hazardous materials because the work mainly involves site improvements. The site would be remediated before this construction occurs and there would thus be no short- or long-term impact with these improvements.

CHAPTER 5 INFRASTRUCTURE AND PUBLIC FACILITIES

This chapter discusses existing infrastructure facilities and public facilities present within the area affected by the project's acquisition of privately-owned parcels and improvements proposed to the Harbor to mitigate traffic congestion and support operations.

5.1 WATER FACILITIES 5.1.1 Existing Water Facilities

The County of Hawai'i, Department of Water Supply (DWS) provides potable water service to residences and businesses in the County. A 12-inch diameter water transmission main runs along Kalaniana'ole Street providing service to properties along this road and beyond. There are also 12-inch water transmission mains along Kūmau Street, Kūhiō Street, and Kahanu Street providing water service to existing businesses along this road and into the Harbor. Fire hydrants are located along Kalaniana'ole Street, and hydrants are located at the end of Kūmau Street, Kūhiō Street, and Kahanu Street.

From the end of Kūhiō Street, smaller water mains extend into the Harbor serving Piers 1 to 3. Fire service lines extend from both Kūmau Street and Kahanu Street into the Harbor to provide fire protection service. Until 1998, the Harbor was served by water lines owned by the County DWS. Now, the State DOT, Harbors Division owns the water lines from the main water meter. The Harbors Division distributes water to harbor users and tracks usage through an internal meter system for the harbor (RMTC, July 2001).

5.1.2 Project Effect on Water Facilities

The acquisition of properties would have no effect on the County's water facilities or future demand since it only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should similarly not have a significant or negative short- or long-term impact on County water facilities due to the type of improvements proposed.

Demolition of existing buildings and structures along with the construction of improvements should have minimal short-term impacts on the County's existing facilities and potable water demand. Design plans would include necessary BMPs to address the necessary disconnection of existing water laterals within the properties acquired. This would include locating and plugging laterals under the design plans developed. Some connection to certain water laterals could remain to continue service, and such use would be determined during the project's design phase as buildings are evaluated for potential reuse supporting harbor operations.

Overall, the project should reduce the current potable water demand now occurring with the current users of these properties. The new stacking lane, ground transportation staging area, and other associated roadway improvements are site improvements that would not generate potable water demand and should therefore have minimal long-term impact on the County's water system and

supply. No additional fire access and water supply improvements should be required for these acquired properties at this time. However, if there are any Fire Department access and water supply improvements needed, they would comply with Chapter 18 of the Hawai‘i State Fire Code and Chapter 26 of the Hawai‘i County Code.

5.2 WASTEWATER FACILITIES

5.2.1 Existing Wastewater Facilities

The County Department of Environmental Management (DEM), Wastewater Division provides wastewater collection and treatment for most of the island. Their Hilo Wastewater Treatment Plant (WWTP) is located east of Hilo International Airport. The WWTP is comprised of three process areas, including the primary and secondary treatment facility and the solids handling areas. The effluent is discharged to the ocean via an ocean outfall. The service area sewage is collected and conveyed to the Hilo WWTP via a series of gravity systems and pump stations.

A gravity sewer main runs along Kalaniana‘ole Street providing wastewater collection for properties along this road. A 42-inch gravity sewer main runs in an eastbound direction from Hilo town up to Kūmau Street and then increases to a 48-inch sewer main at Kūhiō Street that continues eastbound past Kahanu Street. A DOT, Harbors Division 10-inch diameter sewer main runs along Kūhiō Street providing sewer connection from the Harbor’s Piers 1 to 3 area to the main sewer main along Kalaniana‘ole Street. No sewer lines are located along Kūmau Street and Kahanu Street.

5.2.2 Project Effect on Wastewater Facilities

The acquisition of properties would have no effect on the County’s wastewater facilities or future flows since it only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should similarly not have a significant or negative short- or long-term impact on County wastewater facilities due to the type of improvements proposed.

Demolition of existing buildings and structures along with the construction of improvements should have minimal short-term impacts on the County’s existing sewer system and processing at their WWTP. Design plans would include necessary BMPs to address the necessary disconnection of existing sewer laterals within the properties acquired. This would include locating and plugging laterals under the design plans developed. Some connection to certain sewer laterals could remain to continue service, and such use would be determined during the project’s design phase as buildings are evaluated for potential reuse supporting harbor operations.

Overall, the project should reduce the current wastewater generated now occurring with the present businesses operating at these properties. The new stacking lane, ground transportation staging area, and other associated roadway improvements are site improvements that would not generate additional wastewater flows. The project should therefore have minimal long-term impact on the County’s sewer system.

5.3 DRAINAGE FACILITIES

5.3.1 Existing Drainage Facilities

There are no existing perennial or intermittent streams in the immediate vicinity of the properties proposed for acquisition. There are also no existing drainageways in the area of these properties as the sites along with the adjacent properties are all industrial developed sites. The Harbor is a large facility located adjacently makai (north or seaward) of these properties.

Kalanianaʻole Street running along (mauka) these properties was recently reconstructed in this section and further west toward Kanoelehua Avenue (Route 11) and Hilo town. This improved road now has drainage inlets on both sides of the street and a concrete curb and sidewalk on the makai side (see Exhibit 5-1). Areas inland (above) of Kalanianaʻole Street increase slowly in elevation approaching the airport runway. Stormwater runoff thus generally sheet flows from these higher elevation inland areas toward Kalanianaʻole Street following natural drainage patterns, along existing roads, and also infiltrates into the underlying volcanic soils given the island's relatively young geology.



There are several other industrial and commercial uses developed between Kalanianaʻole Street and the airport property with several developments concentrated along Silva Street. There are no drainage improvements provided along this street. Businesses along Silva Street generally have frontages built up higher than the street's elevation to allow stormwater runoff to sheet flow down this street toward Kalanianaʻole Street. Kauhane Avenue extends inland from Kalanianaʻole Street east of the Harbor's Kahanu Street entrance. This road has several residences developed along it and within in the surrounding area. There are no developed drainage improvements either along this road, so stormwater runoff follows natural drainage patterns and along this road flowing toward Kalanianaʻole Street.

The County's Kūmau Street has a concrete sidewalk with five drainage inlets along both sides of this street. Stormwater runoff is thus collected within these inlets and discharged at the shoreline through the Ocean View lots. Along the State-owned Kūhiō Street, there is a concrete sidewalk along the street's exit lane and the U.S. Customs property, but no improved drainage facilities. Stormwater runoff sheet flows along this road following natural drainage patterns and settles in lower lying areas before eventually reaching the Harbor. Within the Harbor, runoff would be collected within the facility's drainage system and discharged at the shoreline. At Kahanu Street, there are no sidewalks or drainage inlets present. However, a shallow rock-lined drainage ditch is

present along the exit lane bordering the Parcel 4 and 5 properties that leads to a catchment area within the Harbor that transports runoff for eventual discharge at the shoreline.

5.3.2 Project Effects on Drainage Facilities

The acquisition of properties should have no effect on the County, State DOT, Highways Division, or Harbor's drainage facilities since it only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should not have a significant short- or long-term impact on existing drainage facilities.

Demolition of existing buildings and structures should have minimal short-term impacts on existing drainage systems in the area because this work would occur within the acquired properties. Construction of the stacking lane, ground transportation staging, and other roadway improvements along the State's Kalaniana'ole Street would impact the existing drainage inlets and sidewalk along the acquired properties between Kūhiō Street and Kahanu Street. The sidewalk and drainage inlets would need to be relocated so that a westbound through lane can be provided through this section. Other improvements along Kalaniana'ole Street would generally involve restriping lanes and thus not affect the drainage inlets on the mauka side of this road.

These improvements should not have a significant impact on the drainage system because new drainage inlets would be provided within the larger Parcel 4 acquired along this street section to replace the existing inlets affected. These new inlets would thus continue to collect stormwater runoff occurring along this section of Kalaniana'ole Street. Runoff generated from this improvement would be designed to be disposed of using the Harbor's drainage system and the State's Kūhiō Street and Kahanu Street and would not be directed toward other adjacent properties.

The new semi-trailer exit lane improvement past the security checkpoint on Kahanu Street would involve changes to the existing shallow rock-lined drainage ditch. Drainage improvements along this road and Parcel 5 acquired in this area would be developed as part of design plans. No improvements are planned along Kūhiō Street that would affect existing drainage conditions on that road.

New access and stacking lane improvements proposed at Parcel 1 along Kūmau Street should not have a significant impact on the County's existing drainage system on that road. Some buildings would be demolished, and others reused to support LCL cargo operations. However, these changes would not significantly change the current site conditions and drainage patterns that generally flow makai toward the Harbor. Only restriping is proposed along Kūmau Street for laneage modifications, and an existing driveway is planned to be used for access into the site. Therefore, the existing drainage inlets should not be impacted.

A drainage study would be conducted as part of the project's design phase and drainage improvements would be coordinated with the State DOT, Highways Division for review of improvements occurring along Kalaniana'ole Street. The improvements along the section of Kalaniana'ole Street would occur within a flood zone (Zone AE), therefore, design plans

developed would comply with Chapter 27 of the Hawai‘i County Code. Design plans would thus be coordinated with the County Department of Public Works for review as appropriate. Coordination with agencies in the review of these design plans would subsequently minimize impacts on the existing drainage system serving this area.

5.4 SOLID WASTE FACILITIES

5.4.1 Existing Solid Waste Facilities

The County DEM, Solid Waste Division operates the County’s solid waste facilities that consist of 21 residential transfer stations, one active landfill site, and one reload facility. Following the closure of the South Hilo Sanitary Landfill in 2019, the only facility to accept residential, commercial, government, and construction and demolition generated solid waste is the West Hawai‘i Sanitary Landfill (Pu‘uanahulu) in the North Kona District of the island about 75 miles away from the Harbor.

The County currently provides no collection services, therefore, waste may be self-hauled or collected by private companies and taken to the landfill. Solid waste generated from activities occurring on the properties proposed for acquisition are likely serviced by a private solid waste collector who disposes of waste at the West Hawai‘i Sanitary Landfill.

5.4.2 Project Effect on Solid Waste Facilities

Acquisition of properties should have no effect on the County’s West Hawai‘i Sanitary Landfill or private collection services occurring at these parcels because this only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should not have a significant short- or long-term impact on the County’s solid waste facilities. The main project effect on solid waste facilities would be from the short-term demolition of buildings and structures and to a lesser extent construction of improvements like the stacking lane, etc. Use of these properties supporting traffic and semi-trailer access should not generate additional solid waste needing disposal.

Demolition of the existing buildings and structures along with the construction of improvements will generate solid waste that is typical of construction-related activities. Construction waste generated will have a short-term impact, and should consist primarily of vegetation, rocks, concrete, and other debris created from building demolition, site clearing, and other construction activities. These and other materials from construction and demolition activities such as scrap iron and steel and asphalt pavement would be taken to the West Hawai‘i Sanitary Landfill by the contractor.

Hazardous materials present within buildings on the properties acquired will need to be properly removed by the contractor before demolition commences. Removal of such material will be conducted and disposed of in conformance with applicable State and Federal requirements. As an example, PCB light ballasts would be placed in 55-gallon drums, incinerated, and disposed of at

the West Hawai'i Sanitary Landfill site. The Landfill operator will require waste profiling to make sure the material is acceptable for landfill disposal.

This landfill should have sufficient space to accommodate this material depending upon the timing and volume of materials disposed. The County DEM would be consulted as part of the design phase to coordinate the estimated timing when actual demolition and construction activities could occur. This would support the County's efforts in determining if or when constructing new cells at the sanitary landfill may be required. Coordination with the County during the design phase would subsequently minimize impacts and not result in an adverse impact on their existing solid waste facilities.

5.5 TRANSPORTATION FACILITIES

Fehr & Peers (F&P) prepared a Transportation Study for this project, and their report is included in Appendix E of this document. F&P reviewed existing conditions and intersection operations near the three major Harbor entrance points at Kūmau Street, Kūhiō Street, and Kahanu Street. The transportation study focused on evaluating the existing street network and intersection operations at the following locations:

1. Kalaniana'ole Street with Kūmau Street;
2. Kalaniana'ole Street with Kūhiō Street / Silva Street; and
3. Kalaniana'ole Street with Kahanu Street.

5.5.1 Existing Transportation Facilities

The roadway system in the project area consists of facilities that are under the jurisdiction of both the State DOT, Highways Division and County Department of Public Works. These roads are summarized below:

1. Kalaniana'ole Street. This is a two-lane undivided State collector road serving as the primary access to the Harbor. Parking is not allowed along this corridor and the posted speed limit is 35 miles per hour (mph). Separate left-turn lanes and/or an acceleration lane are provided at selected intersections.
2. Kūmau Street. This is a four-lane undivided County roadway providing access between Kalaniana'ole Street and Ocean View Drive. Street parking is not allowed on the street and the posted speed limit is 25 mph.
3. Kūhiō Street. This is a two-lane undivided State roadway. Street parking is not allowed on the street and the posted speed limit is 25 mph.
4. Kahanu Street. This is a two-lane undivided State roadway. Street parking is not allowed on the street and the posted speed limit is 25 mph.
5. Kauhane Avenue. This is a two-lane undivided County collector road. Street parking is not allowed on the street and the posted speed limit is 25 mph.
6. Kamehameha Avenue/Silva Street. This is a two-lane undivided collector road between Kalaniana'ole Street and Silva Street. Portions are owned by the State (Hilo International Airport) and the County. Street parking is not allowed on the street and the posted speed limit is 25 mph.

Transit, Bicycle and Pedestrian Facilities

The County Mass Transit Agency provides the Hele-On Bus System serving as public transportation since 1975. This bus transit system is the primary public transportation service on the Island of Hawai'i. Hele-On Bus Route 101 provides service along Kalaniana'ole Street in the Harbor area.

There are two bus stops along this road in the vicinity of the properties proposed for acquisition. An outbound (eastbound to Keaukaha) bus stop is situated at Kalaniana'ole Street with Silva Street and an inbound (westbound) bus stop to Hilo town is situated at Kalaniana'ole Street with Kūmau Street. Route 101 provides service from the Mo'ohau Bus Terminal to Richardson's Beach Park located at the end of Kalaniana'ole Street. An additional five stops are added to Route 101 on Sundays and Holidays.

The recent reconstruction of Kalaniana'ole Street from Kamehameha Avenue to Kauhane Avenue was completed at the end of 2022. This improvement created bicycle lanes on both sides of Kalaniana'ole Street through this corridor. Counts taken in February 2022, during the road's construction, determined that only a few bicyclists traveled along this corridor during the morning and afternoon peak hours. Two or less bicyclists were observed during the morning and five or less bicyclists were observed during the afternoon peak hour along this corridor.

Pedestrian facilities consist of crosswalks, curb ramps, and pedestrian signals at signalized intersections, as well as sidewalks. The study area had a minimal amount of pedestrian activity with only one pedestrian observed walking along Kalaniana'ole Street during the morning peak hour. Three and six pedestrians were observed along this road at the Kūhiō Street and Kūmau Street intersections, respectively, during the afternoon peak hour. Pedestrian facilities provided at the study intersections are summarized below.

1. Kalaniana'ole Street and Kūmau Street. This location includes a High Visibility Crossing (HVC) across Kūmau Street at the intersection. A sidewalk is provided on the makai side of Kalaniana'ole Street after the reconstructed improvements.
2. Kalaniana'ole Street and Kūhiō Street. This location includes an HVC across Kūhiō Street and across Kalaniana'ole Street. New sidewalks have been provided on both sides of Kalaniana'ole Street in this area (Exhibit 5-2). Improved sidewalks are also provided at the entrance of Kūhiō Street at this intersection.

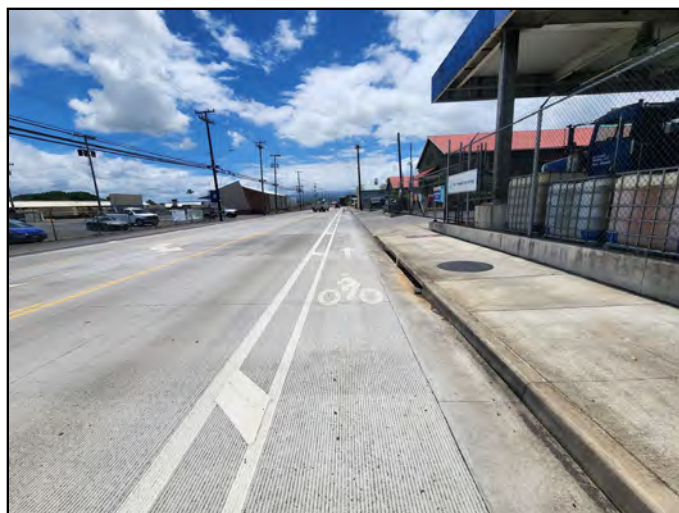


Exhibit 5-2. Kalaniana'ole Street New Sidewalk (Makai Side)

3. Kalaniana‘ole Street and Kahanu Street. This location includes an HVC across Kahanu Street. A new sidewalk has been provided on the makai side of Kalaniana‘ole Street in this area.

Existing Traffic Conditions

Existing traffic conditions data were collected on February 9, 2022, and February 10, 2022, during the morning peak hour traffic (7:00 to 8:00 a.m.) and afternoon peak hour traffic (4:00 to 5:00 p.m.). Figure 5.1 shows the resulting traffic volumes.

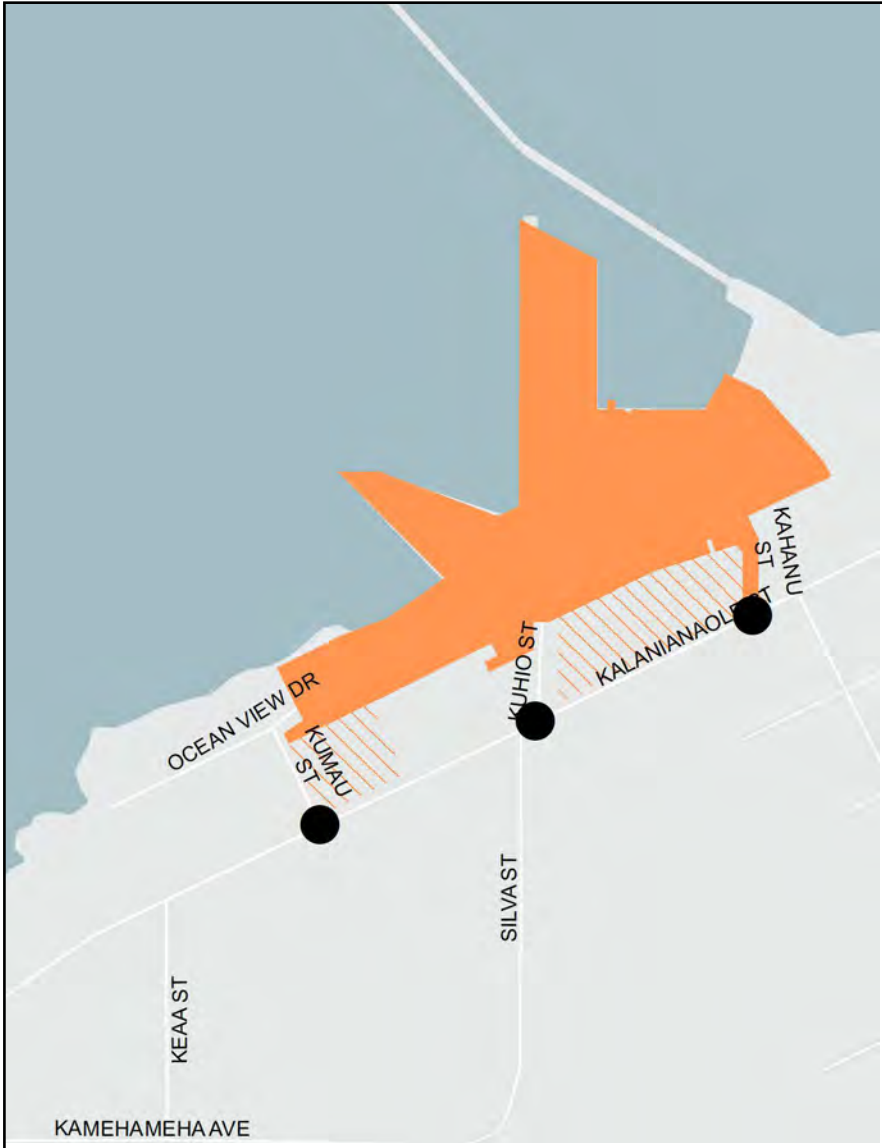
Because Harbor operations and traffic volumes can vary on a day-to-day basis, daily traffic volumes were also collected on several street segments near the project area. Average Daily Traffic (ADT) counts were collected for seven days between February 9, 2022, and February 15, 2022 on Kalaniana‘ole Street between Kauhane Avenue and Kahanu Street, and for 48 hours (February 9th and 10th) at two additional locations:

- Kamehameha Avenue between Kalaniana‘ole Street & Kea‘ā Street; and
- Kalaniana‘ole Street between Kea‘ā Street & Banyan Way.

Table 5.1 provides the count for each day surveyed, and the results of these counts were used to adjust the intersection analysis volumes along Kalaniana‘ole Street. The average mid-weekday ADT was identified to be 4% more than the Wednesday ADT, which is the day that the intersection turning movement counts were collected. Therefore, existing volumes at the study intersection were increased by 4% to represent an average weekday.

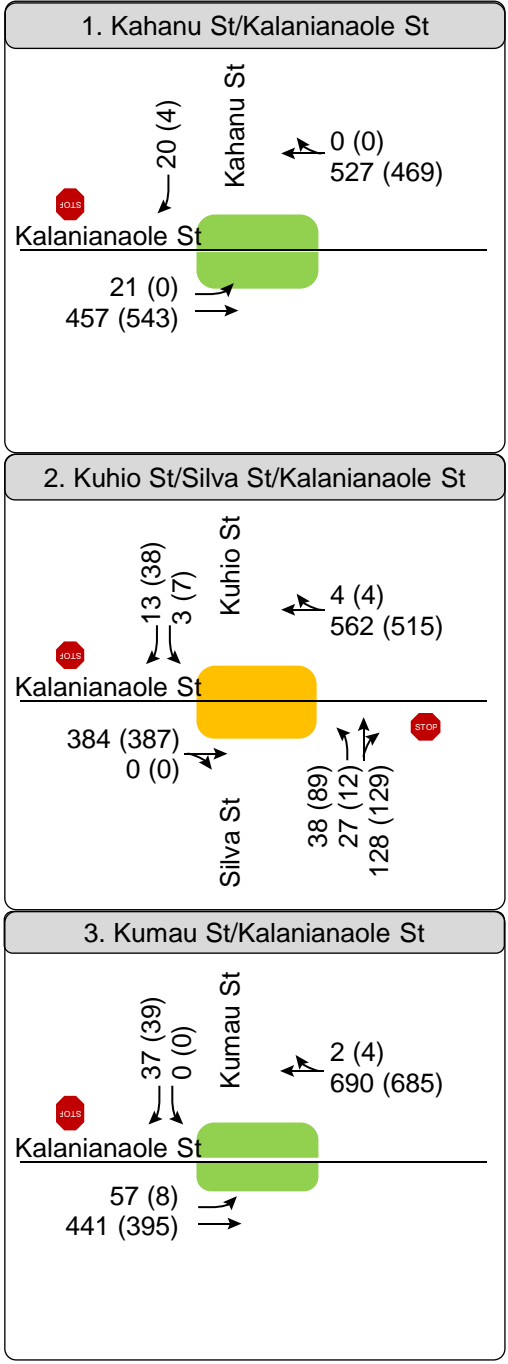
Weekday	Kalaniana‘ole Street (Kea‘ā to Banyan)	Kalaniana‘ole Street (Kauhane to Kahanu)	Kamehameha Avenue (Kalaniana‘ole to Kea‘ā)
Monday	8,590	-	-
Tuesday	8,180	-	-
Wednesday	7,621	10,418	8,713
Thursday	7,988	11,297	9,215
Friday	8,361	-	-
Saturday	7,737	-	-
Sunday	5,408	-	-
Average of Mid- Weekday (T-Th) Volumes	7,930	10,858	8,964
Weekday adjustment factor	4%	-	-

Source: Fehr & Peers (2023)



- Study Intersections
- Project Site
- AM (PM) Peak Hour Traffic Volumes
- Lane Configuration

AM
PM
A-C
D
E
F
 Level of Service (LOS)



NOT TO SCALE

**Figure 5.1
EXISTING TRAFFIC VOLUMES (2022)**

The analysis of roadway operations performed for this study is based on procedures presented in the *Highway Capacity Manual 6th Edition* (HCM), published by the Transportation Research Board in 2016. The operations of roadway facilities are described with the term level of service (LOS). LOS is a qualitative description of traffic flow based on such factors as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, which is the least congested operating conditions, to LOS F, which is the most congested operating conditions. LOS E represents “at-capacity” operations. Operations are designated as LOS F when volumes exceed capacity, resulting in stop-and-go conditions.

The results of the existing LOS analysis are presented below in Table 5.2. The analysis results indicate that all intersections operate at the desired service level (LOS D or better) during both morning and afternoon peak periods except for the Kalaniana‘ole Street with Kūhiō Street / Silva Street intersection that operated at LOS E. Vehicles exiting Kūhiō Street making left-turns onto Kalaniana‘ole Street was identified as the critical movement affecting the LOS.

Study Intersection	Weekday Peak Hour	Delay (sec/veh)	Level-of-Service	Critical Movement for Side Street
1. Kalaniana‘ole Street & Kahanu Street	AM	15.0	C	-
	PM	13.7	B	-
2. Kalaniana‘ole Street & Kūhiō-Silva Street	AM	49.0	E	South/Mauka Bound Left-Turn
	PM	43.5	E	South/Mauka Bound Left-Turn
3. Kalaniana‘ole Street & Kūmau Street	AM	19.3	C	-
	PM	19.3	C	-
Source: Fehr & Peers (2023)				

Review of Collision Data

Collision data was reviewed based on the Hawai‘i DOT, Highway Program Status webtool. The tool reports all fatal crashes throughout the State of Hawai‘i. No fatal crashes were reported near the study corridor.

5.5.2 Project Effect on Transportation Facilities

Acquisition of properties should have no effect on the existing transportation facilities, transit operations, or bicycle and pedestrian facilities because this only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should not have a significant short- or long-term impact on these transportation facilities. The improvements proposed are intended to mitigate existing traffic congestion along Kalaniana‘ole Street by improving Harbor access points and creating stacking lanes for semi-trailer access moving them off of Kalaniana‘ole Street.

Demolition of the existing buildings and structures should not have a short-term impact on transportation facilities and operating conditions. BMPs would be incorporated into design plans to address necessary traffic control measures during construction. No closing of traffic lanes is anticipated as part of this demolition work.

Use of the new stacking lane, ground transportation staging area, and other associated roadway improvements would reduce traffic congestion along Kalanianaʻole Street. Access at the Harbor's entrances would also be improved for semi-trailers and vehicles that would reduce delays and congestion along roadways in this area. The change to semi-trailer access toward the Kahanu Street entrance would separate this from ground transportation traffic using the Kūhiō Street entrance. This would reduce the present traffic occurring at Kūhiō Street that should reduce traffic delays and improve the LOS at this intersection.

There would be no change in the number of semi-trailers traveling to the harbor due to the project improvements because they mainly involve only site improvements for vehicle access. Removal of existing industrial and commercial activities on the acquired properties would eliminate traffic associated with those sites having a beneficial effect of reducing some vehicular traffic in the area. Therefore, the project should have a beneficial effect on traffic conditions in this area.

An existing double left-turn allowed center median lane along Kalanianaʻole Street near the Kūmau Street intersection would be extended slightly east to include the taper associated with the existing eastbound left-turn storage lane. This would allow eastbound vehicles along Kalanianaʻole Street to make left turns into a driveway serving an automotive dealership. This striped median likely restricts visitors from turning left into an auto dealership's entrance from Kalanianaʻole Street. Allowing dealership visitors to access from Kalanianaʻole Street would reduce them having to use the dealership's Kūmau Street driveway and thus reduce conflicts with semi-trailer using this roadway to access the Harbor.

5.6 ELECTRICAL AND COMMUNICATION FACILITIES

5.6.1 Existing Electrical and Communication Facilities

The Hawai'i Electric Light Company (HELCO) is a privately owned utility company regulated by the State Public Utilities Commission that provides electrical power to Hawai'i County. Electrical power service to this area is provided via distribution lines routed primarily along major roadways such as Kalanianaʻole Street.

Hawaiian Telephone Company (HTC) provides telephone and other telecommunications services to the Hilo region. Oceanic Time Warner Cable (OTWC) provides CATV, voice and other telecommunication services to this Hilo region.

5.6.2 Project Effects on Electrical and Communication Facilities

Acquisition of properties should have no effect on the existing electrical and community facilities, or the operations associated with these providers because this only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should not have a significant short- or long-term impact on these facilities.

Demolition of the existing buildings and structures should not have a short-term impact on these facilities and the design phase would involve coordination with the providers. Any existing easements and facilities owned by HELCO would be coordinated with them to continue access for maintenance of your facilities. Similarly Hawaiian Telcom would be coordinated with during the design process and notified if any facilities need to be removed or relocated as part of the project.

5.7 PUBLIC FACILITIES

Existing public facilities available to the public are discussed in this section which include recreational facilities, educational facilities, medical facilities and police and fire protection. Overall, the acquisition of properties should have no effect on these public facilities or activities occurring because this only involves an administrative action transferring ownership to the State. Discussion of impacts on these facilities would thus address those effects resulting from proposed improvements.

5.7.1 Recreational Facilities

Multiple parks and recreation facilities are in the general vicinity of the Harbor, with many situated less than three miles away. These include Kūhio Kalanianaʻole Park, Reeds Bay Beach Park, Hilo Bayfront Beach Park, Wailoa River State Recreation Area, and Russell Carroll Moʻoheau County Park to the east. To the west are Keaukaha Beach Park, Onekahakaha Beach Park, Kealoha Beach Park, Waiʻolena Beach Park, Leleiwi Beach Park (Waiʻuli) and Richardson Ocean Park.

There are no public recreational facilities located within the Harbor since that is a secure facility due to the cargo operations occurring. The properties proposed for acquisition do not have any public recreational facilities or are used for public recreation. They are privately-owned properties used for various industrial and commercial businesses.

Project Effects on Recreational Facilities

Demolition of the existing buildings and structures should not have a short-term impact on these recreational facilities or any activities occurring at them. Demolition activities would occur within the properties acquired and there are no recreational facilities adjacent to these properties that could be affected. Necessary BMPs would be incorporated into design plans to address measures to minimize effects from this activity such as those related to fugitive dust emissions, noise, etc. Such measures would minimize any nuisance effects.

Development of the acquired properties would similarly not have any significant long-term impact on recreational facilities or any activities occurring. The properties would become part of the Harbor facility resulting in restricted access by the public. The project involves site improvements to create a new stacking lane for semi-trailers, a ground transportation staging area, and other associated roadway improvements that would reduce traffic congestion along Kalanianaʻole Street. Reuse of remaining buildings to support cargo operations would similarly not affect recreational facilities.

As discussed in Section 4.3.1, the project would not increase the number of cruise ship visitors to the island or influence the level of tourism occurring. As a result, the project would not influence the number of cruise ship visitors to Hilo and subsequently would not have a significant or negative impact on beaches and beach parks associated with visitors. Additional crowding and community frustrations with visitors using public beach parks would not be caused by or indirectly affected by this project. The State DOTH supports the community-based destination management initiatives (Keaukaha Steward Pilot Program and Community Cultural-Based Education Program) that are more appropriate actions to address community concerns with informing and managing cruise ship visitors.

5.7.2 Educational Facilities

The Keaukaha community contains three schools: Keaukaha Elementary School (public school), Ke Ana Laʻahana Public Charter School, and Ka ʻUmeke Kāʻeo Hawaiian Immersion Public Charter School. Combined, approximately 650 students attend these schools. Multiple other schools like Hawaiʻi Community College, Connection Public Charter School, and Chiefess Kapiʻolani Elementary School are present within Hilo town located east the Harbor and properties being acquired.

Project Effects on Educational Facilities

Demolition of the existing buildings and structures should not have a short-term impact on these educational facilities or any classroom activities occurring at them. Demolition activities would occur within the properties acquired. Given the distance of these properties away from the schools in the Keaukaha community, there should be no disruption to existing educational programs. Any demolition or construction related effects would be temporary and managed to ensure compliance with existing regulatory practices and implementation of BMPs. Such BMPs would be incorporated into design plans to address items such as fugitive dust emissions, noise, traffic control, etc.

Development of the acquired properties would not have any significant long-term impact on educational facilities or programs. The properties would become part of the Harbor facility resulting in restricted access by the public. The project does not include any new housing units that would increase resident population; therefore, there would be no increase in student enrollment at nearby schools and no additional demands on existing school facilities. The project does involve site improvements to create a new stacking lane for semi-trailers, a ground

transportation staging area, and other associated roadway improvements that would reduce traffic congestion along Kalanianaʻole Street. The improved traffic conditions along this corridor would have a beneficial effect for school related traffic and the Keaukaha community.

5.7.3 Police and Fire Protection

The County's Hawai'i Police Department (HPD) is the island's law enforcement agency providing police protection services to the Hilo District through the Area I Operations Bureau. The South Hilo District is the department's largest staffed patrol division, and their Hilo Station is situated on Kapiʻolani Street in Hilo town. Patrol officers also operate out of the Moʻoheau Bus Terminal mini-station. The district provides 24-hour police services and consists of the Patrol Division, which also operates the East Hawai'i Detention Center that houses pre-trial detainees for the four police districts that comprise Area I Operations.

The County's Hawai'i Fire Department (HFD) provides fire protection services for the island. The HFD is primarily responsible for fire protection and suppression, pre-hospital emergency medical services, land and sea search and rescue, hazardous materials response, ocean safety, and fire prevention. Their Central Station No. 1 is located on Kinoole Street in Hilo town. However, their Waiakea Station No. 2 that is located on Keaa Street is situated closest to the Harbor. This station provides emergency response and fire protection services to the Hilo community.

Project Effects on Police and Fire Protection

Demolition of the existing buildings and structures should not have a short-term impact on police and fire facilities or their operations and ability to provide protection services. Demolition activities would occur within the properties acquired. Any demolition or construction related effects would be temporary and managed to ensure compliance with existing regulatory practices along with the implementation of BMPs. Such BMPs would be incorporated into design plans to address items such as fugitive dust emissions, noise, traffic control, etc.

Development of the acquired properties should not have any significant long-term impact on police or fire protection services as these properties would become part of the Harbor facility resulting in restricted access by the public. The project does not include any new housing units that would increase the resident population and new developed areas that could increase potential calls for police or fire protection.

The project does involve site improvements to create a new stacking lane for semi-trailers, a ground transportation staging area, and other associated roadway improvements that would reduce traffic congestion along Kalanianaʻole Street. The improved traffic conditions along this corridor would have a beneficial effect by reducing potential traffic accidents and calls for protection or emergency services. Reduced traffic congestion along Kalanianaʻole Street would also allow emergency vehicles to access surrounding areas more quickly, and would support the area residents' ability to evacuate this region in the event of a natural disaster. Therefore, the project

should have an overall beneficial effect on the police and fire department's operations and their ability to provide adequate protection services.

5.7.4 Medical Facilities

Hilo Medical Center is the closest hospital, located approximately five miles from the Harbor and properties being acquired. The hospital is full-service, with 24-hour emergency services and an intensive care unit.

Project Effects on Police and Fire Protection

Demolition of the existing buildings and structures should not have a short-term impact on this medical center or their operations. Any demolition or construction related effects would be temporary and comply with existing regulatory practices along with the implementation of BMPs. The project does not include any new housing or visitor units that would increase the resident or visitor population that could significantly increase the potential demand for medical services. Therefore, the project should not have a significant long-term impact on medical facilities or their operations.

5.8 SECONDARY EFFECTS

Secondary effects, also referred to as indirect effects, are effects caused by a project, but occur later in time or farther removed in distance than direct impacts but are still reasonably foreseeable. Such effects may include growth inducing effects related to induced changes in land use patterns, population density or growth rate, or related effects on environmental resources or public facilities. For example, a new highway project could induce changes to land use patterns along the improvements. Secondary impact assessments are concerned with impacts that are sufficiently "likely" to occur and not with the speculation of any impact that can be conceived of or imagined.

The project would not result in secondary impacts that would have significant or adverse long-term impacts on the environment, social-economic conditions, infrastructure, or public facilities. The acquisition of the five properties would not contribute to growth inducing effects or resident population densities. These properties are used for industrial and commercial businesses and do not include visitor units or residential units. Their use is to support the improvements proposed for the Harbor to alleviate traffic congestion and improve Harbor access locations.

Such growth inducing impacts are typically associated with more intensive development such as new residential subdivisions, which would increase resident populations and subsequently have a secondary impact by placing more demand on public facilities like schools and parks. The project does not include developing such residents or visitor facilities and would not generate substantial secondary impacts.

5.9 CUMULATIVE IMPACTS

Cumulative impacts on the environment are those that result from the incremental impact of an action when added to other past, present, and reasonably foreseeable future actions within the study year. The focus is on “reasonably foreseeable” actions that are those likely to occur or probable rather than those that are merely possible or subject to speculation. The prediction of reasonably foreseeable impacts thus requires judgment based on information obtained from reliable sources such as approved development plans and land use entitlements received.

There are no other known developments in the immediate area that are reasonably anticipated to be completed within the 2029 study year and contribute to a cumulative impact on the Harbor’s surrounding environment or infrastructure facilities. The discussion of impacts presented within this document has provided sufficient information to assist in addressing the applicable cumulative effects associated with the project because no other reasonably foreseeable future actions are being implemented.

CHAPTER 6 RELATIONSHIP OF THE PROPOSED ACTION TO LAND USE PLANS, POLICIES AND CONTROLS

This chapter discusses the proposed project's conformance with pertinent State and County land use plans and policies, which include the State Land Use District regulations, State Environmental Policy (Chapter 344, HRS), and the regulations, policies, and goals set forth by the County's General Plan, and Special Management Area (Chapter 205A, HRS).

6.1 STATE OF HAWAI'I **6.1.1 State Land Use Districts**

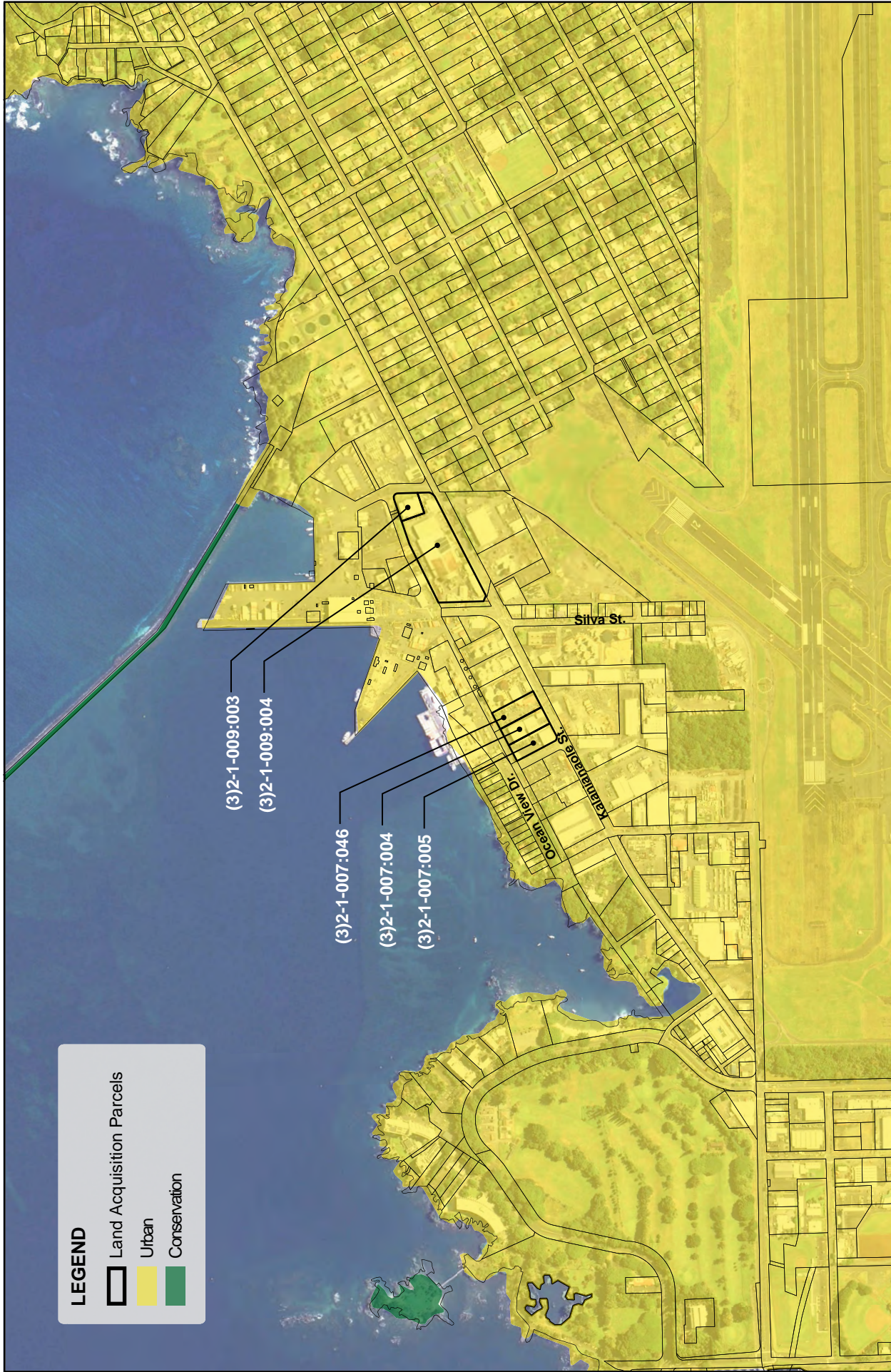
Pursuant to Title 13, Chapter 205 (Land Use Commission), HRS, all lands in the State of Hawai'i are classified by the State Land Use Commission (LUC) into four major districts. These four land use districts are Urban, Rural, Agricultural, and Conservation. Permitted uses within the State Land Use Districts are prescribed under Title 13, Chapter 205, HRS, and the State LUC's Administrative Rules (HAR) prescribed under Title 15, Subtitle 3, Chapter 15, Land Use Commission Rules. Per §205-2, HRS and §15-15-24, HAR permitted activities or uses in the State Urban District are governed by ordinances or regulations of the County within which the urban district is situated.

As shown in Figure 6.1, the Harbor and properties proposed to be acquired are within the State's Urban District. Permitted uses or activities in the Urban District are thus regulated by the County and discussion of the project's relationship to County plans and zoning code are discussed later.

6.1.2 Hawai'i State Plan (Chapter 226, HRS)

The Hawai'i State Plan (Chapter 226, HRS) sets forth the goals, objectives, policies, and priority guidelines for growth, development, and allocation of limited resources throughout the State. It contains diverse policies and objectives on topics of state interest including but not limited to, the economy, agriculture, the visitor industry, federal expenditure, the physical environment, facility systems, socio-cultural advancement, and sustainability. The State Plan is divided into three parts: Part I (Overall Theme, Goals, Objectives, and Policies); Part II (Planning, Coordination, and Implementation); and Part III (Priority Guidelines). The following section analyzes project impacts with respect to relevant State Plan objectives and policies.

Part I, II, and III of the State Plan were reviewed to assess the project's consistency with statutes discussed in this plan. The following sections discuss the project's consistency with applicable statutes and clarifies when it is in conflict with them. Policies listed as inapplicable to the project in the following discussion were determined to be inapplicable through analysis of project characteristics relative to each policy.



LEGEND

- Land Acquisition Parcels
- Urban
- Conservation

B
BOWERS + KUBOTA

NORTH

0 250 500 1000
SCALE IN FEET

Figure 6.1
STATE LAND USE DISTRICT MAP

**Table 6.1
 Hawai'i State Plan Objectives and Policies**

HAWAI'I STATE PLAN, CHAPTER 226, HRS (Key: C = Consistent, I = Inconsistent, N/A = Not Applicable)	C	I	N/A
PART I. OVERALL THEME, GOALS, OBJECTIVES AND POLICIES			
HRS § 226-1: Findings and Purpose			
HRS § 226-2: Definitions			
HRS § 226-3: Overall Theme.			
<p>Hawai'i's people, as both individuals and groups, generally accept and live by a number of principles or values which are an integral part of society. This concept is the unifying theme of the state plan. The following principles or values are established as the overall theme of the Hawai'i state plan:</p> <p>(1) Individual and family self-sufficiency refers to the rights of people to maintain as much self-reliance as possible. It is an expression of the value of independence, in other words, being able to freely pursue personal interests and goals. Self-sufficiency means that individuals and families can express and maintain their own self-interest so long as that self-interest does not adversely affect the general welfare. Individual freedom and individual achievement are possible only by reason of other people in society, the institutions, arrangements and customs that they maintain, and the rights and responsibilities that they sanction.</p> <p>(2) Social and economic mobility refers to the right of individuals to choose and to have the opportunities for choice available to them. It is a corollary to self-sufficiency. Social and economic mobility means that opportunities and incentives are available for people to seek out their own levels of social and economic fulfillment.</p> <p>(3) Community or social well-being is a value that encompasses many things. In essence, it refers to healthy social, economic, and physical environments that benefit the community as a whole. A sense of social responsibility, of caring for others and for the well-being of our community and of participating in social and political life, are important aspects of this concept. It further implies the aloha spirit--attitudes of tolerance, respect, cooperation and unselfish giving, within which Hawai'i's society can progress.</p> <p>One of the basic functions of our society is to enhance the ability of individuals and groups to pursue their goals freely, to satisfy basic needs and to secure desired socio-economic levels. The elements of choice and mobility within society's legal framework are fundamental rights. Society's role is to encourage conditions within which individuals and groups can approach their desired levels of self-reliance and self-determination. This enables people to gain confidence and self-esteem; citizens contribute more when they possess such qualities in a free and open society.</p> <p>Government promotes citizen freedom, self-reliance, self-determination, social and civic responsibility and goals achievement by keeping order, by increasing cooperation among many diverse individuals and groups, and by fostering social and civic responsibilities that affect the general welfare. The greater the number and activities of individuals and groups, the more complex government's role becomes. The function of government, however, is to assist citizens in attaining their goals. Government provides for meaningful participation by the people in decision-making and for effective access to authority as well as an equitable sharing of benefits. Citizens have a responsibility to work with their government to contribute to society's improvement. They must also conduct their activities within an agreed-upon legal system that protects human rights.</p> <p>Discussion: The proposed project is consistent with the State Plan's guiding principles and values. These principles and values concern individual and family self-sufficiency; social and economic mobility; and community or social wellbeing. The project supports these principles and values as it provides improvements that would improve traffic congestion benefiting the community, enhance the operations of Hilo Harbor, the island's main port of transportation for all consumable goods, durables, building materials, fuel, and other necessities that sustain Hawai'i Island's residents. Providing additional cargo yard space and improvements to traffic conditions, mobility and circulation to ensure operational efficiency and safety at Hilo Harbor would ensure Hawai'i Island residents, businesses, and communities are provided with the necessary goods and resources needed to be self-sustainable. The improvements described in the Proposed Action would ensure that cargo operations perform efficiently, safely, and on schedule to mitigate any potential delays in cargo delivery, additional costs, and safety risks to harbor users, which would improve the community and social well-being of Hawai'i Island residents.</p>			

HRS § 226-4: State Goals.			
<i>In order to ensure, for present and future generations, those elements of choice and mobility that ensure that individuals and groups may approach their desired levels of self-reliance and self-determination, it shall be the goal of the State to achieve:</i>			
Goals:			
<i>(1) A strong, viable economy, characterized by stability, diversity and growth that enables fulfillment of the needs and expectations of Hawai'i's present and future generations.</i>	X		
<i>(2) A desired physical environment, characterized by beauty, cleanliness, quiet, stable natural systems, and uniqueness, that enhances the mental and physical well-being of the people.</i>			X
<i>(3) Physical, social and economic well-being, for individuals and families in Hawai'i, that nourishes a sense of community responsibility, of caring and of participation in community life.</i>	X		
Discussion: The project improvements will support the State's goal of achieving a strong, viable economy as it will enhance safety and operational efficiency of cargo transportation. The improvements would also increase safety for commuters traveling between Hilo and the Keaukaha homestead community as it will reduce congestion around harbor entrances and obstructions along Kalaniana'ole Street. The design also includes bicycle and pedestrian pathways that will provide transportation options for the public or cruise ship passengers to safely reach downtown Hilo without the use of a motorized vehicle.			
HRS § 226-5: Objectives and policies for population.			
<i>(a) Objective: It shall be the objective in planning for the State's population to guide population growth to be consistent with the achievement of physical, economic and social objectives contained in this chapter.</i>			
(b) Policies:			
<i>(1) Manage population growth statewide in a manner that provides increased opportunities for Hawaii's people to pursue their physical, social, and economic aspirations while recognizing the unique needs of each county.</i>			X
<i>(2) Encourage an increase in economic activities and employment opportunities on the neighbor islands consistent with community needs and desires.</i>			X
<i>(3) Promote increased opportunities for Hawaii's people to pursue their socio-economic aspirations throughout the islands.</i>			X
<i>(4) Encourage research activities and public awareness programs to foster an understanding of Hawaii's limited capacity to accommodate population needs and to address concerns resulting from an increase in Hawaii's population.</i>			X
<i>(5) Encourage federal actions and coordination among major governmental agencies to promote a more balanced distribution of immigrants among the states, provided that such actions do not prevent the reunion of immediate family members.</i>			X
<i>(6) Pursue an increase in federal assistance for states with a greater proportion of foreign immigrants relative to their state's population.</i>			X
<i>(7) Plan the development and availability of land and water resources in a coordinated manner so as to provide for the desired levels of growth in each geographic area.</i>			X
§226-6 Objectives and policies for the economy--in general.			
<i>(a) Objective: Planning for the State's economy in general shall be directed toward achievement of the following objectives:</i>			
<i>(1) Increased and diversified employment opportunities to achieve full employment, increased income and job choice, and improved living standards for Hawaii's people, while at the same time stimulating the development and expansion of economic activities capitalizing on defense, dual-use, and science and technology assets, particularly on the neighbor islands where employment opportunities may be limited.</i>			X
<i>(2) A steadily growing and diversified economic base that is not overly dependent on a few industries, and includes the development and expansion of industries on the neighbor islands.</i>			X

(b) Policies:			
<i>(1) Promote and encourage entrepreneurship within Hawaii by residents and nonresidents of the State.</i>			X
<i>(2) Expand Hawaii's national and international marketing, communication, and organizational ties, to increase the State's capacity to adjust to and capitalize upon economic changes and opportunities occurring outside the State.</i>			X
<i>(3) Promote Hawaii as an attractive market for environmentally and socially sound investment activities that benefit Hawaii's people.</i>			X
<i>(4) Transform and maintain Hawaii as a place that welcomes and facilitates innovative activity that may lead to commercial opportunities.</i>			X
<i>(5) Promote innovative activity that may pose initial risks, but ultimately contribute to the economy of Hawaii.</i>			X
<i>(6) Seek broader outlets for new or expanded Hawaii business investments.</i>			X
<i>(7) Expand existing markets and penetrate new markets for Hawaii's products and services.</i>			X
<i>(8) Assure that the basic economic needs of Hawaii's people are maintained in the event of disruptions in overseas transportation.</i>			X
<i>(9) Strive to achieve a level of construction activity responsive to, and consistent with, state growth objectives.</i>	X		
<i>(10) Encourage the formation of cooperatives and other favorable marketing arrangements at the local or regional level to assist Hawaii's small scale producers, manufacturers, and distributors.</i>			X
<i>(11) Encourage labor-intensive activities that are economically satisfying and which offer opportunities for upward mobility.</i>			X
<i>(12) Encourage innovative activities that may not be labor-intensive, but may otherwise contribute to the economy of Hawaii.</i>			X
<i>(13) Foster greater cooperation and coordination between the government and private sectors in developing Hawaii's employment and economic growth opportunities.</i>			X
<i>(14) Stimulate the development and expansion of economic activities which will benefit areas with substantial or expected employment problems.</i>			X
<i>(15) Maintain acceptable working conditions and standards for Hawaii's workers.</i>			X
<i>(16) Provide equal employment opportunities for all segments of Hawaii's population through affirmative action and nondiscrimination measures.</i>			X
<i>(17) Stimulate the development and expansion of economic activities capitalizing on defense, dual-use, and science and technology assets, particularly on the neighbor islands where employment opportunities may be limited.</i>			X
<i>(18) Encourage businesses that have favorable financial multiplier effects within Hawaii's economy, particularly with respect to emerging industries in science and technology.</i>			X
<i>(19) Promote and protect intangible resources in Hawaii, such as scenic beauty and the aloha spirit, which are vital to a healthy economy.</i>			X
<i>(20) Increase effective communication between the educational community and the private sector to develop relevant curricula and training programs to meet future employment needs in general, and requirements of new or innovative potential growth industries in particular.</i>			X
<i>(21) Foster a business climate in Hawaii--including attitudes, tax and regulatory policies, and financial and technical assistance programs--that is conducive to the expansion of existing enterprises and the creation and attraction of new business and industry.</i>			X
Discussion: Hawai'i County and the Hilo area are anticipated to grow over the next 20 years. With regional population and commercial growth occurring, increased traffic is expected along roadways along with the demand for cargo imported and exported from the island. With this continued growth, addressing the movement of container traffic inside Hilo Harbor using the new properties proposed for acquisition would expand needed yard space and improve traffic flow along Kalaniana'ole Street to reduce the strain on the surrounding public roads.			

§226-7 Objectives and policies for the economy--agriculture.			
<i>(a) Objective: Planning for the State's economy with regard to agriculture shall be directed towards achievement of the following objectives:</i>			
<i>(1) Viability of Hawaii's sugar and pineapple industries.</i>			X
<i>(2) Growth and development of diversified agriculture throughout the State.</i>			X
<i>(3) An agriculture industry that continues to constitute a dynamic and essential component of Hawaii's strategic, economic, and social well-being.</i>			X
<i>(b) Policies:</i>			
<i>(1) Establish a clear direction for Hawaii's agriculture through stakeholder commitment and advocacy.</i>			X
<i>(2) Encourage agriculture by making the best use of natural resources.</i>			X
<i>(3) Provide the governor and the legislature with information and options needed for prudent decision-making for the development of agriculture.</i>			X
<i>(4) Establish strong relationships between the agricultural and visitor industries for mutual marketing benefits.</i>			X
<i>(5) Foster increased public awareness and understanding of the contributions and benefits of agriculture as a major sector of Hawaii's economy.</i>			X
<i>(6) Seek the enactment and retention of federal and state legislation that benefits Hawaii's agricultural industries.</i>			X
<i>(7) Strengthen diversified agriculture by developing an effective promotion, marketing, and distribution system between Hawaii's food producers and consumers in the State, nation, and world.</i>			X
<i>(8) Support research and development activities that strengthen economic productivity in agriculture, stimulate greater efficiency, and enhance the development of new products and agricultural by-products.</i>			X
<i>(9) Enhance agricultural growth by providing public incentives and encouraging private initiatives.</i>			X
<i>(10) Assure the availability of agriculturally suitable lands with adequate water to accommodate present and future needs.</i>			X
<i>(11) Increase the attractiveness and opportunities for an agricultural education and livelihood.</i>			X
<i>(12) In addition to the State's priority on food, expand Hawaii's agricultural base by promoting growth and development of flowers, tropical fruits and plants, livestock, feed grains, forestry, food crops, aquaculture, and other potential enterprises.</i>			X
<i>(13) Promote economically competitive activities that increase Hawaii's agricultural self-sufficiency, including the increased purchase and use of Hawaii-grown food and food products by residents, businesses, and governmental bodies as defined under section 103D-104.</i>			X
<i>(14) Promote and assist in the establishment of sound financial programs for diversified agriculture.</i>			X
<i>(15) Institute and support programs and activities to assist the entry of displaced agricultural workers into alternative agricultural or other employment.</i>			X
<i>(16) Facilitate the transition of agricultural lands in economically nonfeasible agricultural production to economically viable agricultural uses.</i>			X
<i>(17) Perpetuate, promote, and increase use of traditional Hawaiian farming systems, such as the use of loko i'a, māla, and irrigated lo'i, and growth of traditional Hawaiian crops, such as kalo, 'uala, and 'ulu.</i>			X
<i>(18) Increase and develop small-scale farms.</i>			X
§226-8 Objective and policies for the economy--visitor industry.			
<i>(a) Objective: Planning for the State's economy with regard to the visitor industry shall be directed towards the achievement of the objective of a visitor industry that constitutes a major component of steady growth for Hawaii's economy.</i>			

(b) Policies:			
(1) Support and assist in the promotion of Hawaii's visitor attractions and facilities.			X
(2) Ensure that visitor industry activities are in keeping with the social, economic, and physical needs and aspirations of Hawaii's people.			X
(3) Improve the quality of existing visitor destination areas by utilizing Hawaii's strengths in science and technology.	X		
(4) Encourage cooperation and coordination between the government and private sectors in developing and maintaining well-designed, adequately serviced visitor industry and related developments which are sensitive to neighboring communities and activities.			X
(5) Develop the industry in a manner that will continue to provide new job opportunities and steady employment for Hawaii's people.			X
(6) Provide opportunities for Hawaii's people to obtain job training and education that will allow for upward mobility within the visitor industry.			X
(7) Foster a recognition of the contribution of the visitor industry to Hawaii's economy and the need to perpetuate the aloha spirit.			X
(8) Foster an understanding by visitors of the aloha spirit and of the unique and sensitive character of Hawaii's cultures and values.			X
Discussion: The proposed project would improve the quality of operations and safety at Hilo Harbor making it safer and more convenient for cruise ship passengers to access ground transportation upon arrival. Bike and pedestrian paths would also be provided as an alternative mode of transportation for both visitors and residents.			
§226-9 Objective and policies for the economy--federal expenditures.			
<i>(a) Objective: Planning for the State's economy with regard to federal expenditures shall be directed towards achievement of the objective of a stable federal investment base as an integral component of Hawaii's economy.</i>			
(b) Policies:			
(1) Encourage the sustained flow of federal expenditures in Hawaii that generates long-term government civilian employment;			X
(2) Promote Hawaii's supportive role in national defense, in a manner consistent with Hawaii's social, environmental, and cultural goals by building upon dual-use and defense applications to develop thriving ocean engineering, aerospace research and development, and related dual-use technology sectors in Hawaii's economy;			X
(3) Promote the development of federally supported activities in Hawaii that respect statewide economic concerns, are sensitive to community needs, and minimize adverse impacts on Hawaii's environment;			X
(4) Increase opportunities for entry and advancement of Hawaii's people into federal government service;			X
(5) Promote federal use of local commodities, services, and facilities available in Hawaii;			X
(6) Strengthen federal-state-county communication and coordination in all federal activities that affect Hawaii; and			X
(7) Pursue the return of federally controlled lands in Hawaii that are not required for either the defense of the nation or for other purposes of national importance, and promote the mutually beneficial exchanges of land between federal agencies, the State, and the counties.			X
§226-10 Objective and policies for the economy--potential growth and innovative activities.			
<i>(a) Objective: Planning for the State's economy with regard to potential growth and innovative activities shall be directed towards achievement of the objective of development and expansion of potential growth and innovative activities that serve to increase and diversify Hawaii's economic base.</i>			
(b) Policies:			
(1) Facilitate investment and employment growth in economic activities that have the potential to expand and diversify Hawaii's economy, including but not limited to diversified agriculture, aquaculture, renewable energy development, creative media, health care, and science and technology-based sectors;			X

(2) Facilitate investment in innovative activity that may pose risks or be less labor-intensive than other traditional business activity, but if successful, will generate revenue in Hawaii through the export of services or products or substitution of imported services or products;			X
(3) Encourage entrepreneurship in innovative activity by academic researchers and instructors who may not have the background, skill, or initial inclination to commercially exploit their discoveries or achievements;			X
(4) Recognize that innovative activity is not exclusively dependent upon individuals with advanced formal education, but that many self-taught, motivated individuals are able, willing, sufficiently knowledgeable, and equipped with the attitude necessary to undertake innovative activity;			X
(5) Increase the opportunities for investors in innovative activity and talent engaged in innovative activity to personally meet and interact at cultural, art, entertainment, culinary, athletic, or visitor-oriented events without a business focus;			X
(6) Expand Hawaii's capacity to attract and service international programs and activities that generate employment for Hawaii's people;			X
(7) Enhance and promote Hawaii's role as a center for international relations, trade, finance, services, technology, education, culture, and the arts;			X
(8) Accelerate research and development of new energy-related industries based on wind, solar, ocean, underground resources, and solid waste;			X
(9) Promote Hawaii's geographic, environmental, social, and technological advantages to attract new or innovative economic activities into the State;			X
(10) Provide public incentives and encourage private initiative to attract new or innovative industries that best support Hawaii's social, economic, physical, and environmental objectives;			X
(11) Increase research and the development of ocean-related economic activities such as mining, food production, and scientific research;			X
(12) Develop, promote, and support research and educational and training programs that will enhance Hawaii's ability to attract and develop economic activities of benefit to Hawaii;			X
(13) Foster a broader public recognition and understanding of the potential benefits of new or innovative growth-oriented industry in Hawaii;			X
(14) Encourage the development and implementation of joint federal and state initiatives to attract federal programs and projects that will support Hawaii's social, economic, physical, and environmental objectives;			X
(15) Increase research and development of businesses and services in the telecommunications and information industries;			X
(16) Foster the research and development of nonfossil fuel and energy efficient modes of transportation; and			X
(17) Recognize and promote health care and health care information technology as growth industries.			X
§226-10.5 Objectives and policies for the economy--information industry.			
(a) Objective: Planning for the State's economy with regard to telecommunications and information technology shall be directed toward recognizing that broadband and wireless communication capability and infrastructure are foundations for an innovative economy and positioning Hawaii as a leader in broadband and wireless communications and applications in the Pacific Region.			X
(b) Policies:			
(1) Promote efforts to attain the highest speeds of electronic and wireless communication within Hawaii and between Hawaii and the world, and make high speed communication available to all residents and businesses in Hawaii;			X
(2) Encourage the continued development and expansion of the telecommunications infrastructure serving Hawaii to accommodate future growth and innovation in Hawaii's economy;			X

(3) Facilitate the development of new or innovative business and service ventures in the information industry which will provide employment opportunities for the people of Hawaii;			X
(4) Encourage mainland- and foreign-based companies of all sizes, whether information technology-focused or not, to allow their principals, employees, or contractors to live in and work from Hawaii, using technology to communicate with their headquarters, offices, or customers located out-of-state;			X
(5) Encourage greater cooperation between the public and private sectors in developing and maintaining a well-designed information industry;			X
(6) Ensure that the development of new businesses and services in the industry are in keeping with the social, economic, and physical needs and aspirations of Hawaii's people;			X
(7) Provide opportunities for Hawaii's people to obtain job training and education that will allow for upward mobility within the information industry;			X
(8) Foster a recognition of the contribution of the information industry to Hawaii's economy; and			X
(9) Assist in the promotion of Hawaii as a broker, creator, and processor of information in the Pacific.			X
§226-11 Objectives and policies for the physical environment--land-based, shoreline, and marine resources.			
<i>(a) Objective: Planning for the State's physical environment with regard to land-based, shoreline, and marine resources shall be directed towards achievement of the following objectives:</i>			
(1) Prudent use of Hawaii's land-based, shoreline, and marine resources.	X		
(2) Effective protection of Hawaii's unique and fragile environmental resources.			X
Discussion: The five properties proposed for acquisition are located inland of Hilo Harbor's current site. The project does not propose construction of additional buildings or structures and would not involve the use of shoreline and/or marine resources.			
(b) Policies:			
(1) Exercise an overall conservation ethic in the use of Hawaii's natural resources.			X
(2) Ensure compatibility between land-based and water-based activities and natural resources and ecological systems.	X		
(3) Take into account the physical attributes of areas when planning and designing activities and facilities.	X		
(4) Manage natural resources and environs to encourage their beneficial and multiple use without generating costly or irreparable environmental damage.			X
(5) Consider multiple uses in watershed areas, provided such uses do not detrimentally affect water quality and recharge functions.			X
(6) Encourage the protection of rare or endangered plant and animal species and habitats native to Hawaii.			X
(7) Provide public incentives that encourage private actions to protect significant natural resources from degradation or unnecessary depletion.			X
(8) Pursue compatible relationships among activities, facilities, and natural resources.	X		
(9) Promote increased accessibility and prudent use of inland and shoreline areas for public recreational, educational, and scientific purposes.	X		
Discussion: The project does not propose construction of additional buildings or structures and would not involve the use of shoreline and/or marine resources or an increase in demand for natural resources. The project would not increase demand for or impact groundwater resources. Further, water is only required for fire suppression and prevention, as discussed in Section 3.13.2, and would only be used in cases of emergency which are anticipated to be infrequent or not occurring. Improvements would increase the ease of access to Hilo Harbor for cargo operations and ground transportation for cruise ship passengers.			
§226-12 Objective and policies for the physical environment--scenic, natural beauty, and historic resources.			
<i>(a) Objective: Planning for the State's physical environment shall be directed towards achievement of the objective of enhancement of Hawaii's scenic assets, natural beauty, and multi-cultural/historical resources.</i>			

(b) Policies:			
(1) Promote the preservation and restoration of significant natural and historic resources.	X		
(2) Provide incentives to maintain and enhance historic, cultural, and scenic amenities.			X
(3) Promote the preservation of views and vistas to enhance the visual and aesthetic enjoyment of mountains, ocean, scenic landscapes, and other natural features.	X		
(4) Protect those special areas, structures, and elements that are an integral and functional part of Hawaii's ethnic and cultural heritage.	X		
(5) Encourage the design of developments and activities that complement the natural beauty of the islands.			X
Discussion: A LRFI was prepared in support of this Draft EA to identify and assess existing historic properties and resources within the project area. Table 4.1 includes a listing of the previous archaeological studies conducted within the area, and Section 4.1.3 discusses the potential historic buildings on the properties proposed to be acquired. Further assessment of the potential historic buildings will be conducted to determine the significance of the buildings and recommended mitigation measures.			
§226-13 Objectives and policies for the physical environment--land, air, and water quality.			
<i>(a) Objective: Planning for the State's physical environment with regard to land, air, and water quality shall be directed towards achievement of the following objectives:</i>			
(1) Maintenance and pursuit of improved quality in Hawaii's land, air, and water resources.	X		
(2) Greater public awareness and appreciation of Hawaii's environmental resources.			X
(b) Policies:			
(1) Foster educational activities that promote a better understanding of Hawaii's limited environmental resources.			X
(2) Promote the proper management of Hawaii's land and water resources.	X		
(3) Promote effective measures to achieve desired quality in Hawaii's surface, ground, and coastal waters.			X
(4) Encourage actions to maintain or improve aural and air quality levels to enhance the health and well-being of Hawaii's people.	X		
(5) Reduce the threat to life and property from erosion, flooding, tsunamis, hurricanes, earthquakes, volcanic eruptions, and other natural or man-induced hazards and disasters.	X		
(6) Encourage design and construction practices that enhance the physical qualities of Hawaii's communities.	X		
(7) Encourage urban developments in close proximity to existing services and facilities.			X
(8) Foster recognition of the importance and value of the land, air, and water resources to Hawaii's people, their cultures and visitors.			X
Discussion: Acquiring the properties adjacent to the Harbor for the purposes of improving roadway access and circulation around the harbor would not negatively impact the quality of the surrounding environment's land, air, and water resources. The project would not increase the risk or vulnerability of the Harbor and the surrounding area to natural disasters or hazards. Roadway improvements would shift traffic related to cargo operations and cruise ship passengers to be within the additional Harbor property acquired and off of Kalaniana'ole Street mitigating traffic congestion in the surrounding area.			
§226-14 Objective and policies for facility systems--in general.			
<i>(a) Objective: Planning for the State's facility systems in general shall be directed towards achievement of the objective of water, transportation, sustainable development, climate change adaptation, sea level rise adaptation, waste disposal, and energy and telecommunication systems that support statewide social, economic, and physical objectives.</i>			
(b) Policies:			
(1) Accommodate the needs of Hawaii's people through coordination of facility systems and capital improvement priorities in consonance with state and county plans.	X		
(2) Encourage flexibility in the design and development of facility systems to promote prudent use of resources and accommodate changing public demands and priorities.	X		

(3) <i>Ensure that required facility systems can be supported within resource capacities and at reasonable cost to the user.</i>	X		
(4) <i>Pursue alternative methods of financing programs and projects and cost-saving techniques in the planning, construction, and maintenance of facility systems.</i>			X
(5) <i>Identify existing and planned state facilities that are vulnerable to sea level rise, flooding impacts, and natural hazards.</i>			X
(6) <i>Assess a range of options to mitigate the impacts of sea level rise to existing and planned state facilities.</i>			X
Discussion: As previously noted, the Island of Hawai'i and the Hilo area are anticipated to grow over the next 20 years. With this continued growth, addressing the movement of container traffic inside Hilo Harbor using the new properties proposed for acquisition would expand needed yard space and improve traffic flow along Kalaniana'ole Street to reduce the strain on the surrounding public roads. Efficiency in cargo operations would be increased with the extra yard space and separation of traffic in the harbor, which would allow DOT to improve their overall operations to support the existing and future population of the island.			
§226-15 Objectives and policies for facility systems--solid and liquid wastes.			
(a) <i>Objective: Planning for the State's facility systems with regard to solid and liquid wastes shall be directed towards the achievement of the following objectives:</i>			X
(1) <i>Maintenance of basic public health and sanitation standards relating to treatment and disposal of solid and liquid wastes.</i>			X
(2) <i>Provision of adequate sewerage facilities for physical and economic activities that alleviate problems in housing, employment, mobility, and other areas.</i>			X
(b) Policies:			
(1) <i>Encourage the adequate development of sewerage facilities that complement planned growth.</i>			X
(2) <i>Promote reuse and recycling to reduce solid and liquid wastes and employ a conservation ethic.</i>			X
(3) <i>Promote research to develop more efficient and economical treatment and disposal of solid and liquid wastes.</i>			X
§226-16 Objective and policies for facility systems--water.			
(a) <i>Objective: Planning for the State's facility systems with regard to water shall be directed towards achievement of the objective of the provision of water to adequately accommodate domestic, agricultural, commercial, industrial, recreational, and other needs within resource capacities.</i>			
(b) Policies:			
(1) <i>Coordinate development of land use activities with existing and potential water supply.</i>			X
(2) <i>Support research and development of alternative methods to meet future water requirements well in advance of anticipated needs.</i>			X
(3) <i>Reclaim and encourage the productive use of runoff water and wastewater discharges.</i>			X
(4) <i>Assist in improving the quality, efficiency, service, and storage capabilities of water systems for domestic and agricultural use.</i>			X
(5) <i>Support water supply services to areas experiencing critical water problems.</i>			X
(6) <i>Promote water conservation programs and practices in government, private industry, and the general public to help ensure adequate water to meet long-term needs.</i>			X
§226-17 Objectives and policies for facility systems--transportation.			
(a) <i>Objective: Planning for the State's facility systems with regard to transportation shall be directed towards the achievement of the following objectives:</i>			
(1) <i>An integrated multi-modal transportation system that services statewide needs and promotes the efficient, economical, safe, and convenient movement of people and goods.</i>	X		
(2) <i>A statewide transportation system that is consistent with and will accommodate planned growth objectives throughout the State.</i>	X		

(b) Policies:			
(1) Design, program, and develop a multi-modal system in conformance with desired growth and physical development as stated in this chapter;			X
(2) Coordinate state, county, federal, and private transportation activities and programs toward the achievement of statewide objectives;	X		
(3) Encourage a reasonable distribution of financial responsibilities for transportation among participating governmental and private parties;			X
(4) Provide for improved accessibility to shipping, docking, and storage facilities;	X		
(5) Promote a reasonable level and variety of mass transportation services that adequately meet statewide and community needs;			X
(6) Encourage transportation systems that serve to accommodate present and future development needs of communities;	X		
(7) Encourage a variety of carriers to offer increased opportunities and advantages to interisland movement of people and goods;			X
(8) Increase the capacities of airport and harbor systems and support facilities to effectively accommodate transshipment and storage needs;	X		
(9) Encourage the development of transportation systems and programs which would assist statewide economic growth and diversification;	X		
(10) Encourage the design and development of transportation systems sensitive to the needs of affected communities and the quality of Hawaii's natural environment;	X		
(11) Encourage safe and convenient use of low-cost, energy-efficient, non-polluting means of transportation;	X		
(12) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives; and			X
(13) Encourage diversification of transportation modes and infrastructure to promote alternate fuels and energy efficiency.	X		
Discussion: The anticipated growth of Hawai'i County, Hilo, and potentially the Keaukaha homestead community will increase traffic along Kalaniana'ole Street. With population and commercial growth occurring, increased traffic is expected along roadways along with the demand for cargo imported and exported from the island. With this continued growth, addressing the movement of container traffic inside the Harbor using the new properties proposed for acquisition would improve traffic flow along Kalaniana'ole Street to reduce the strain on the surrounding public roads. Improvements would also include a shared bicycle and pedestrian path along Kalaniana'ole Street supporting other a low-cost and non-polluting modes of transportation.			
§226-18 Objectives and policies for facility systems--energy.			
<i>(a) Objective: Planning for the State's facility systems with regard to energy shall be directed toward the achievement of the following objectives, giving due consideration to all:</i>			
(1) Dependable, efficient, and economical statewide energy systems capable of supporting the needs of the people;			X
(2) Increased energy security and self-sufficiency through the reduction and ultimate elimination of Hawaii's dependence on imported fuels for electrical generation and ground transportation;	X		
(3) Greater diversification of energy generation in the face of threats to Hawaii's energy supplies and systems;			X
(4) Reduction, avoidance, or sequestration of greenhouse gas emissions from energy supply and use; and			X
(5) Utility models that make the social and financial interests of Hawaii's utility customers a priority.			X
<i>(b) To achieve the energy objectives, it shall be the policy of this State to ensure the short- and long-term provision of adequate, reasonably priced, and dependable energy services to accommodate demand.</i>			

(b) Policies:			
(1) Support research and development as well as promote the use of renewable energy sources;			X
(2) Ensure that the combination of energy supplies and energy-saving systems is sufficient to support the demands of growth;			X
(3) Base decisions of least-cost supply-side and demand-side energy resource options on a comparison of their total costs and benefits when a least-cost is determined by a reasonably comprehensive, quantitative, and qualitative accounting of their long-term, direct and indirect economic, environmental, social, cultural, and public health costs and benefits;			X
(4) Promote all cost-effective conservation of power and fuel supplies through measures, including: (A) Development of cost-effective demand-side management programs; (B) Education; (C) Adoption of energy-efficient practices and technologies; and (D) Increasing energy efficiency and decreasing energy use in public infrastructure;	X		
(5) Ensure, to the extent that new supply-side resources are needed, that the development or expansion of energy systems uses the least-cost energy supply option and maximizes efficient technologies;			X
(6) Support research, development, demonstration, and use of energy efficiency, load management, and other demand-side management programs, practices, and technologies;			X
(7) Promote alternate fuels and transportation energy efficiency;	X		
(8) Support actions that reduce, avoid, or sequester greenhouse gases in utility, transportation, and industrial sector applications;	X		
(9) Support actions that reduce, avoid, or sequester Hawaii's greenhouse gas emissions through agriculture and forestry initiatives;			X
(10) Provide priority handling and processing for all state and county permits required for renewable energy projects;			X
(11) Ensure that liquefied natural gas is used only as a cost-effective transitional, limited-term replacement of petroleum for electricity generation and does not impede the development and use of other cost-effective renewable energy sources; and			X
(12) Promote the development of indigenous geothermal energy resources that are located on public trust land as an affordable and reliable source of firm power for Hawaii.			X
Discussion: The proposed improvements will include a shared use path for bicycle and pedestrians, which supports the State's goal and policies in promoting alternative modes of transportation to reduce greenhouse gas emissions.			
§226-18.5 Objectives and policies for facility systems--telecommunications.			
(a) Planning for the State's telecommunications facility systems shall be directed towards the achievement of dependable, efficient, and economical statewide telecommunications systems capable of supporting the needs of the people.			
(b) To achieve the telecommunications objective, it shall be the policy of this State to ensure the provision of adequate, reasonably priced, and dependable telecommunications services to accommodate demand.			
(b) Policies:			
(1) Facilitate research and development of telecommunications systems and resources;			X
(2) Encourage public and private sector efforts to develop means for adequate, ongoing telecommunications planning;			X
(3) Promote efficient management and use of existing telecommunications systems and services; and			X
(4) Facilitate the development of education and training of telecommunications personnel.			X
§226-19 Objectives and policies for socio-cultural advancement--housing.			
(a) Objective: Planning for the State's socio-cultural advancement with regard to housing shall be directed toward the achievement of the following objectives:			

<i>(1) Greater opportunities for Hawaii's people to secure reasonably priced, safe, sanitary, and livable homes, located in suitable environments that satisfactorily accommodate the needs and desires of families and individuals, through collaboration and cooperation between government and nonprofit and for-profit developers to ensure that more rental and for sale affordable housing is made available to extremely low-, very low-, lower-, moderate-, and above moderate-income segments of Hawaii's population.</i>			X
<i>(2) The orderly development of residential areas sensitive to community needs and other land uses.</i>			X
<i>(3) The development and provision of affordable rental housing by the State to meet the housing needs of Hawaii's people.</i>			X
(b) Policies:			
<i>(1) Effectively accommodate the housing needs of Hawaii's people.</i>			X
<i>(2) Stimulate and promote feasible approaches that increase affordable rental and for sale housing choices for extremely low-, very low-, lower-, moderate-, and above moderate-income households.</i>			X
<i>(3) Increase homeownership and rental opportunities and choices in terms of quality, location, cost, densities, style, and size of housing.</i>			X
<i>(4) Promote appropriate improvement, rehabilitation, and maintenance of existing rental and for sale housing units and residential areas.</i>			X
<i>(5) Promote design and location of housing developments taking into account the physical setting, accessibility to public facilities and services, and other concerns of existing communities and surrounding areas.</i>			X
<i>(6) Facilitate the use of available vacant, developable, and underutilized urban lands for housing.</i>			X
<i>(7) Foster a variety of lifestyles traditional to Hawaii through the design and maintenance of neighborhoods that reflect the culture and values of the community.</i>			X
<i>(8) Promote research and development of methods to reduce the cost of housing construction in Hawaii.</i>			X
§226-20 Objectives and policies for socio-cultural advancement--health.			
<i>(a) Objective: Planning for the State's socio-cultural advancement with regard to health shall be directed towards achievement of the following objectives:</i>			
<i>(1) Fulfillment of basic individual health needs of the general public.</i>			X
<i>(2) Maintenance of sanitary and environmentally healthful conditions in Hawaii's communities.</i>			X
<i>(3) Elimination of health disparities by identifying and addressing social determinants of health.</i>			X
(b) Policies:			
<i>(1) Provide adequate and accessible services and facilities for prevention and treatment of physical and mental health problems, including substance abuse.</i>			X
<i>(2) Encourage improved cooperation among public and private sectors in the provision of health care to accommodate the total health needs of individuals throughout the State.</i>			X
<i>(3) Encourage public and private efforts to develop and promote statewide and local strategies to reduce health care and related insurance costs.</i>			X
<i>(4) Foster an awareness of the need for personal health maintenance and preventive health care through education and other measures.</i>			X
<i>(5) Provide programs, services, and activities that ensure environmentally healthful and sanitary conditions.</i>			X
<i>(6) Improve the State's capabilities in preventing contamination by pesticides and other potentially hazardous substances through increased coordination, education, monitoring, and enforcement.</i>			X

<p><i>(7) Prioritize programs, services, interventions, and activities that address identified social determinants of health to improve native Hawaiian health and well-being consistent with the United States Congress' declaration of policy as codified in title 42 United States Code section 11702, and to reduce health disparities of disproportionately affected demographics, including native Hawaiians, other Pacific Islanders, and Filipinos. The prioritization of affected demographic groups other than native Hawaiians may be reviewed every ten years and revised based on the best available epidemiological and public health data.</i></p>			<p>X</p>
<p>§226-21 Objective and policies for socio-cultural advancement--education.</p>			
<p><i>(a) Objective: Planning for the State's socio-cultural advancement with regard to education shall be directed towards achievement of the objective of the provision of a variety of educational opportunities to enable individuals to fulfill their needs, responsibilities, and aspirations.</i></p>			
<p>(b) Policies:</p>			
<p><i>(1) Support educational programs and activities that enhance personal development, physical fitness, recreation, and cultural pursuits of all groups.</i></p>			<p>X</p>
<p><i>(2) Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.</i></p>			<p>X</p>
<p><i>(3) Provide appropriate educational opportunities for groups with special needs.</i></p>			<p>X</p>
<p><i>(4) Promote educational programs which enhance understanding of Hawaii's cultural heritage.</i></p>			<p>X</p>
<p><i>(5) Provide higher educational opportunities that enable Hawaii's people to adapt to changing employment demands.</i></p>			<p>X</p>
<p><i>(6) Assist individuals, especially those experiencing critical employment problems or barriers, or undergoing employment transitions, by providing appropriate employment training programs and other related educational opportunities.</i></p>			<p>X</p>
<p><i>(7) Promote programs and activities that facilitate the acquisition of basic skills, such as reading, writing, computing, listening, speaking, and reasoning.</i></p>			<p>X</p>
<p><i>(8) Emphasize quality educational programs in Hawaii's institutions to promote academic excellence.</i></p>			<p>X</p>
<p><i>(9) Support research programs and activities that enhance the education programs of the State.</i></p>			<p>X</p>
<p>§226-22 Objective and policies for socio-cultural advancement--social services.</p>			
<p><i>(a) Objective: Planning for the State's socio-cultural advancement with regard to social services shall be directed towards the achievement of the objective of improved public and private social services and activities that enable individuals, families, and groups to become more self-reliant and confident to improve their well-being.</i></p>			
<p>(b) Policies:</p>			
<p><i>(1) Assist individuals, especially those in need of attaining a minimally adequate standard of living and those confronted by social and economic hardship conditions, through social services and activities within the State's fiscal capacities.</i></p>			<p>X</p>
<p><i>(2) Promote coordination and integrative approaches among public and private agencies and programs to jointly address social problems that will enable individuals, families, and groups to deal effectively with social problems and to enhance their participation in society.</i></p>			<p>X</p>
<p><i>(3) Facilitate the adjustment of new residents, especially recently arrived immigrants, into Hawaii's communities.</i></p>			<p>X</p>
<p><i>(4) Promote alternatives to institutional care in the provision of long-term care for elder and disabled populations.</i></p>			<p>X</p>
<p><i>(5) Support public and private efforts to prevent domestic abuse and child molestation, and assist victims of abuse and neglect.</i></p>			<p>X</p>
<p><i>(6) Promote programs which assist people in need of family planning services to enable them to meet their needs.</i></p>			<p>X</p>

§226-23 Objective and policies for socio-cultural advancement--leisure.			
<i>(a) Objective: Planning for the State's socio-cultural advancement with regard to leisure shall be directed towards the achievement of the objective of the adequate provision of resources to accommodate diverse cultural, artistic, and recreational needs for present and future generations.</i>			
(b) Policies:			
<i>(1) Foster and preserve Hawaii's multi-cultural heritage through supportive cultural, artistic, recreational, and humanities-oriented programs and activities.</i>			X
<i>(2) Provide a wide range of activities and facilities to fulfill the cultural, artistic, and recreational needs of all diverse and special groups effectively and efficiently.</i>			X
<i>(3) Enhance the enjoyment of recreational experiences through safety and security measures, educational opportunities, and improved facility design and maintenance.</i>	X		
<i>(4) Promote the recreational and educational potential of natural resources having scenic, open space, cultural, historical, geological, or biological values while ensuring that their inherent values are preserved.</i>			X
<i>(5) Ensure opportunities for everyone to use and enjoy Hawaii's recreational resources.</i>	X		
<i>(6) Assure the availability of sufficient resources to provide for future cultural, artistic, and recreational needs.</i>			X
<i>(7) Provide adequate and accessible physical fitness programs to promote the physical and mental well-being of Hawaii's people.</i>			X
<i>(8) Increase opportunities for appreciation and participation in the creative arts, including the literary, theatrical, visual, musical, folk, and traditional art forms.</i>			X
<i>(9) Encourage the development of creative expression in the artistic disciplines to enable all segments of Hawaii's population to participate in the creative arts.</i>			X
<i>(10) Assure adequate access to significant natural and cultural resources in public ownership.</i>			X
Discussion: While the project will not directly impact recreational resources, the improvements will benefit cruise ship passengers by providing easier and convenient access to vehicular and multimodal transportation. Safety of harbor users will also be increased through the separation of cargo operations and cruise ship passenger traffic.			
§226-24 Objective and policies for socio-cultural advancement--individual rights and personal well-being.			
<i>(a) Objective: Planning for the State's socio-cultural advancement with regard to individual rights and personal well-being shall be directed towards achievement of the objective of increased opportunities and protection of individual rights to enable individuals to fulfill their socio-economic needs and aspirations.</i>			
(b) Policies:			
<i>(1) Provide effective services and activities that protect individuals from criminal acts and unfair practices and that alleviate the consequences of criminal acts in order to foster a safe and secure environment.</i>			X
<i>(2) Uphold and protect the national and state constitutional rights of every individual.</i>			X
<i>(3) Assure access to, and availability of, legal assistance, consumer protection, and other public services which strive to attain social justice.</i>			X
<i>(4) Ensure equal opportunities for individual participation in society.</i>			X
§226-25 Objective and policies for socio-cultural advancement--culture.			
<i>(a) Objectives: Planning for the State's socio-cultural advancement with regard to culture shall be directed toward the achievement of the objective of enhancement of cultural identities, traditions, values, customs, and arts of Hawaii's people.</i>			
(b) Policies:			
<i>(1) Foster increased knowledge and understanding of Hawaii's ethnic and cultural heritages and the history of Hawaii.</i>			X
<i>(2) Support activities and conditions that promote cultural values, customs, and arts that enrich the lifestyles of Hawaii's people and which are sensitive and responsive to family and community needs.</i>			X
<i>(3) Encourage increased awareness of the effects of proposed public and private actions on the integrity and quality of cultural and community lifestyles in Hawaii.</i>			X

(4) Encourage the essence of the aloha spirit in people's daily activities to promote harmonious relationships among Hawaii's people and visitors.			X
§226-26 Objectives and policies for socio-cultural advancement--public safety.			
(a) Objective: Planning for the State's socio-cultural advancement with regard to public safety shall be directed towards the achievement of the following objectives:			
(1) Assurance of public safety and adequate protection of life and property for all people.			X
(2) Optimum organizational readiness and capability in all phases of emergency management to maintain the strength, resources, and social and economic well-being of the community in the event of civil disruptions, wars, natural disasters, and other major disturbances.			X
(3) Promotion of a sense of community responsibility for the welfare and safety of Hawaii's people.			X
(b) Policies:			
(1) Ensure that public safety programs are effective and responsive to community needs.			X
(2) Encourage increased community awareness and participation in public safety programs.			X
(c) To further achieve public safety objectives related to criminal justice, it shall be the policy of this State to:			
(1) Support criminal justice programs aimed at preventing and curtailing criminal activities.			X
(2) Develop a coordinated, systematic approach to criminal justice administration among all criminal justice agencies.			X
(3) Provide a range of correctional resources which may include facilities and alternatives to traditional incarceration in order to address the varied security needs of the community and successfully reintegrate offenders into the community.			X
(d) To further achieve public safety objectives related to emergency management, it shall be the policy of this State to:			
(1) Ensure that responsible organizations are in a proper state of readiness to respond to major war-related, natural, or technological disasters and civil disturbances at all times.			X
(2) Enhance the coordination between emergency management programs throughout the State.			X
§226-27 Objectives and policies for socio-cultural advancement--government.			
(a) Objective: Planning the State's socio-cultural advancement with regard to government shall be directed towards the achievement of the following objectives:			
(1) Efficient, effective, and responsive government services at all levels in the State.	X		
(2) Fiscal integrity, responsibility, and efficiency in the state government and county governments.			X
(b) Policies:			
(1) Provide for necessary public goods and services not assumed by the private sector.	X		
(2) Pursue an openness and responsiveness in government that permits the flow of public information, interaction, and response.			X
(3) Minimize the size of government to that necessary to be effective.			X
(4) Stimulate the responsibility in citizens to productively participate in government for a better Hawaii.			X
(5) Assure that government attitudes, actions, and services are sensitive to community needs and concerns.			X
(6) Provide for a balanced fiscal budget.			X
(7) Improve the fiscal budgeting and management system of the State.			X
(8) Promote the consolidation of state and county governmental functions to increase the effective and efficient delivery of government programs and services and to eliminate duplicative services wherever feasible.			X
Discussion: The proposed project supports DOTH in providing efficient and necessary services to the public. The proposed improvements would enhance the operations of Hilo Harbor, the island's main port of transportation for all consumable goods, durables, building materials, fuel, and other necessities that sustain Hawai'i Island's residents. Providing additional cargo yard space and improvements to traffic conditions, mobility and circulation to ensure			

operational efficiency and safety at Hilo Harbor would ensure Hawai'i Island residents, businesses, and communities are provided with the necessary goods and resources needed.			
HAWAI'I STATE PLAN, CHAPTER 226, HRS PART III. PRIORITY GUIDELINES			
HRS §226-101: Purpose. <i>The purpose of this part is to establish overall priority guidelines to address areas of statewide concern.</i>			
HRS §226-102: Overall direction. <i>The State shall strive to improve the quality of life for Hawaii's present and future population through the pursuit of desirable courses of action in seven major areas of statewide concern which merit priority attention: economic development, population growth and land resource management, affordable housing, crime and criminal justice, quality education, principles of sustainability, and climate change adaptation.</i>			
HRS §226-102: Economic priority guidelines.			
(a) Priority guidelines to stimulate economic growth and encourage business expansion and development to provide needed jobs for Hawaii's people and achieve a stable and diversified economy:			
(1) Seek a variety of means to increase the availability of investment capital for new and expanding enterprises.			X
(A) Encourage investments which:			
(i) Reflect long-term commitments to the State;			X
(ii) Rely on economic linkages within the local economy;			X
(iii) Diversify the economy;			X
(iv) Reinvest in the local economy;			X
(v) Are sensitive to community needs and priorities; and			X
(vi) Demonstrate a commitment to provide management opportunities to Hawaii residents; and			X
(B) Encourage investments in innovative activities that have a nexus to the State, such as:			
(i) Present or former residents acting as entrepreneurs or principals;			X
(ii) Academic support from an institution of higher education in Hawaii;			X
(iii) Investment interest from Hawaii residents;			X
(iv) Resources unique to Hawaii that are required for innovative activity; and			X
(v) Complementary or supportive industries or government programs or projects.			X
(2) Encourage the expansion of technological research to assist industry development and support the development and commercialization of technological advancements.			X
(3) Improve the quality, accessibility, and range of services provided by government to business, including data and reference services and assistance in complying with governmental regulations.			X
(4) Seek to ensure that state business tax and labor laws and administrative policies are equitable, rational, and predictable.			X
(5) Streamline the processes for building and development permit and review and telecommunication infrastructure installation approval and eliminate or consolidate other burdensome or duplicative governmental requirements imposed on business, where scientific evidence indicates that public health, safety, and welfare would not be adversely affected.			X
(6) Encourage the formation of cooperatives and other favorable marketing or distribution arrangements at the regional or local level to assist Hawaii's small-scale producers, manufacturers, and distributors.			X
(7) Continue to seek legislation to protect Hawaii from transportation interruptions between Hawaii and the continental United States.			X
(8) Provide public incentives and encourage private initiative to develop and attract industries which promise long-term growth potentials and which have the following characteristics:			X
(A) An industry that can take advantage of Hawaii's unique location and available physical and human resources.			X
(B) A clean industry that would have minimal adverse effects on Hawaii's environment.			X
(C) An industry that is willing to hire and train Hawaii's people to meet the industry's labor needs at all levels of employment.			X

<i>(D) An industry that would provide reasonable income and steady employment.</i>			X
<i>(9) Support and encourage, through educational and technical assistance programs and other means, expanded opportunities for employee ownership and participation in Hawaii business.</i>			X
<i>(10) Enhance the quality of Hawaii's labor force and develop and maintain career opportunities for Hawaii's people through the following actions:</i>			X
<i>(A) Expand vocational training in diversified agriculture, aquaculture, information industry, and other areas where growth is desired and feasible.</i>			X
<i>(B) Encourage more effective career counseling and guidance in high schools and post-secondary institutions to inform students of present and future career opportunities.</i>			X
<i>(C) Allocate educational resources to career areas where high employment is expected and where growth of new industries is desired.</i>			X
<i>(D) Promote career opportunities in all industries for Hawaii's people by encouraging firms doing business in the State to hire residents.</i>			X
<i>(E) Promote greater public and private sector cooperation in determining industrial training needs and in developing relevant curricula and on- the-job training opportunities.</i>			X
<i>(F) Provide retraining programs and other support services to assist entry of displaced workers into alternative employment.</i>			X
<i>(b) Priority guidelines to promote the economic health and quality of the visitor industry:</i>			
<i>(1) Promote visitor satisfaction by fostering an environment which enhances the aloha spirit and minimizes inconveniences to Hawaii's residents and visitors.</i>	X		
<i>(2) Encourage the development and maintenance of well-designed, adequately serviced hotels and resort destination areas which are sensitive to neighboring communities and activities and which provide for adequate shoreline setbacks and beach access.</i>			X
<i>(3) Support appropriate capital improvements to enhance the quality of existing resort destination areas and provide incentives to encourage investment in upgrading, repair, and maintenance of visitor facilities.</i>			X
<i>(4) Encourage visitor industry practices and activities which respect, preserve, and enhance Hawaii's significant natural, scenic, historic, and cultural resources.</i>			X
<i>(5) Develop and maintain career opportunities in the visitor industry for Hawaii's people, with emphasis on managerial positions.</i>			X
<i>(6) Support and coordinate tourism promotion abroad to enhance Hawaii's share of existing and potential visitor markets.</i>			X
<i>(7) Maintain and encourage a more favorable resort investment climate consistent with the objectives of this chapter.</i>			X
<i>(8) Support law enforcement activities that provide a safer environment for both visitors and residents alike.</i>			X
<i>(9) Coordinate visitor industry activities and promotions to business visitors through the state network of advanced data communication techniques.</i>			X
<i>(c) Priority guidelines to promote the continued viability of the sugar and pineapple industries:</i>			
<i>(1) Provide adequate agricultural lands to support the economic viability of the sugar and pineapple industries.</i>			X
<i>(2) Continue efforts to maintain federal support to provide stable sugar prices high enough to allow profitable operations in Hawaii.</i>			X
<i>(3) Support research and development, as appropriate, to improve the quality and production of sugar and pineapple crops.</i>			X
<i>(d) Priority guidelines to promote the growth and development of diversified agriculture and aquaculture:</i>			
<i>(1) Identify, conserve, and protect agricultural and aquacultural lands of importance and initiate affirmative and comprehensive programs to promote economically productive agricultural and aquacultural uses of such lands.</i>			X
<i>(2) Assist in providing adequate, reasonably priced water for agricultural activities.</i>			X

<i>(3) Encourage public and private investment to increase water supply and to improve transmission, storage, and irrigation facilities in support of diversified agriculture and aquaculture.</i>			X
<i>(4) Assist in the formation and operation of production and marketing associations and cooperatives to reduce production and marketing costs.</i>			X
<i>(5) Encourage and assist with the development of a waterborne and airborne freight and cargo system capable of meeting the needs of Hawaii's agricultural community.</i>			X
<i>(6) Seek favorable freight rates for Hawaii's agricultural products from interisland and overseas transportation operators.</i>			X
<i>(7) Encourage the development and expansion of agricultural and aquacultural activities which offer long-term economic growth potential and employment opportunities.</i>			X
<i>(8) Continue the development of agricultural parks and other programs to assist small independent farmers in securing agricultural lands and loans.</i>			X
<i>(9) Require agricultural uses in agricultural subdivisions and closely monitor the uses in these subdivisions.</i>			X
<i>(10) Support the continuation of land currently in use for diversified agriculture.</i>			X
<i>(11) Encourage residents and visitors to support Hawaii's farmers by purchasing locally grown food and food products.</i>			X
<i>(e) Priority guidelines for water use and development:</i>			
<i>(1) Maintain and improve water conservation programs to reduce the overall water consumption rate.</i>			X
<i>(2) Encourage the improvement of irrigation technology and promote the use of nonpotable water for agricultural and landscaping purposes.</i>			X
<i>(3) Increase the support for research and development of economically feasible alternative water sources.</i>			X
<i>(4) Explore alternative funding sources and approaches to support future water development programs and water system improvements.</i>			X
<i>(f) Priority guidelines for energy use and development:</i>			
<i>(1) Encourage the development, demonstration, and commercialization of renewable energy sources.</i>			X
<i>(2) Initiate, maintain, and improve energy conservation programs aimed at reducing energy waste and increasing public awareness of the need to conserve energy.</i>			X
<i>(3) Provide incentives to encourage the use of energy conserving technology in residential, industrial, and other buildings.</i>			X
<i>(4) Encourage the development and use of energy conserving and cost-efficient transportation systems.</i>			X
<i>(g) Priority guidelines to promote the development of the information industry:</i>			
<i>(1) Establish an information network, with an emphasis on broadband and wireless infrastructure and capability, that will serve as the foundation of and catalyst for overall economic growth and diversification in Hawaii.</i>			X
<i>(2) Encourage the development of services such as financial data processing, a products and services exchange, foreign language translations, telemarketing, teleconferencing, a twenty-four-hour international stock exchange, international banking, and a Pacific Rim management center.</i>			X
<i>(3) Encourage the development of small businesses in the information field such as software development; the development of new information systems, peripherals, and applications; data conversion and data entry services; and home or cottage services such as computer programming, secretarial, and accounting services.</i>			X
<i>(4) Encourage the development or expansion of educational and training opportunities for residents in the information and telecommunications fields.</i>			X

(5) Encourage research activities, including legal research in the information and telecommunications fields.			X
(6) Support promotional activities to market Hawaii's information industry services.			X
(7) Encourage the location or co-location of telecommunication or wireless information relay facilities in the community, including public areas, where scientific evidence indicates that the public health, safety, and welfare would not be adversely affected.			X
HRS §226-104 Population growth and land resources priority guidelines.			
(a) Priority guidelines to effect desired statewide growth and distribution:			
(1) Encourage planning and resource management to ensure that population growth rates throughout the State are consistent with available and planned resource capacities and reflect the needs and desires of Hawaii's people.			X
(2) Manage a growth rate for Hawaii's economy that will parallel future employment needs for Hawaii's people.			X
(3) Ensure that adequate support services and facilities are provided to accommodate the desired distribution of future growth throughout the State.	X		
(4) Encourage major state and federal investments and services to promote economic development and private investment to the neighbor islands, as appropriate.			X
(5) Explore the possibility of making available urban land, low-interest loans, and housing subsidies to encourage the provision of housing to support selective economic and population growth on the neighbor islands.			X
(6) Seek federal funds and other funding sources outside the State for research, program development, and training to provide future employment opportunities on the neighbor islands.			X
(7) Support the development of high technology parks on the neighbor islands.			X
Discussion: As previously noted, the proposed project will include the acquisition of property and roadway improvements to mitigate traffic conditions along Kalaniana'ole Street. Vehicular traffic along Kalaniana'ole Street is expected to increase as the population in Hilo grows. The proposed project will create space for cargo operators and ground transportation vehicles to stage and circulate in the Harbor facility to enhance the flow of traffic along Kalaniana'ole Street.			
(b) Priority guidelines for regional growth distribution and land resource utilization:			
(1) Encourage urban growth primarily to existing urban areas where adequate public facilities are already available or can be provided with reasonable public expenditures, and away from areas where other important benefits are present, such as protection of important agricultural land or preservation of lifestyles.			X
(2) Make available marginal or nonessential agricultural lands for appropriate urban uses while maintaining agricultural lands of importance in the agricultural district.			X
(3) Restrict development when drafting of water would result in exceeding the sustainable yield or in significantly diminishing the recharge capacity of any groundwater area.			X
(4) Encourage restriction of new urban development in areas where water is insufficient from any source for both agricultural and domestic use.			X
(5) In order to preserve green belts, give priority to state capital-improvement funds which encourage location of urban development within existing urban areas except where compelling public interest dictates development of a noncontiguous new urban core.			X
(6) Seek participation from the private sector for the cost of building infrastructure and utilities, and maintaining open spaces.			X
(7) Pursue rehabilitation of appropriate urban areas.			X
(8) Support the redevelopment of Kakaako into a viable residential, industrial, and commercial community.			X
(9) Direct future urban development away from critical environmental areas or impose mitigating measures so that negative impacts on the environment would be minimized.			X

(10) Identify critical environmental areas in Hawaii to include but not be limited to the following: watershed and recharge areas; wildlife habitats (on land and in the ocean); areas with endangered species of plants and wildlife; natural streams and water bodies; scenic and recreational shoreline resources; open space and natural areas; historic and cultural sites; areas particularly sensitive to reduction in water and air quality; and scenic resources.			X
(11) Identify all areas where priority should be given to preserving rural character and lifestyle.			X
(12) Utilize Hawaii's limited land resources wisely, providing adequate land to accommodate projected population and economic growth needs while ensuring the protection of the environment and the availability of the shoreline, conservation lands, and other limited resources for future generations.	X		
(13) Protect and enhance Hawaii's shoreline, open spaces, and scenic resources.			X
Discussion: The limited land resources near Hilo Harbor will be utilized to accommodate future population and economic growth needs by providing additional space for cargo operations to perform efficiently, and by shifting the traffic volume generated by harbor users off of Kalaniana'ole Street.			
HRS §226-105 Crime and criminal justice.			
Priority guidelines in the area of crime and criminal justice:			
(1) Support law enforcement activities and other criminal justice efforts that are directed to provide a safer environment.			X
(2) Target state and local resources on efforts to reduce the incidence of violent crime and on programs relating to the apprehension and prosecution of repeat offenders.			X
(3) Support community and neighborhood program initiatives that enable residents to assist law enforcement agencies in preventing criminal activities.			X
(4) Reduce overcrowding or substandard conditions in correctional facilities through a comprehensive approach among all criminal justice agencies which may include sentencing law revisions and use of alternative sanctions other than incarceration for persons who pose no danger to their community.			X
(5) Provide a range of appropriate sanctions for juvenile offenders, including community-based programs and other alternative sanctions.			X
(6) Increase public and private efforts to assist witnesses and victims of crimes and to minimize the costs of victimization.			X
HRS §226-106 Affordable housing.			
Priority guidelines for the provision of affordable housing:			
(1) Seek to use marginal or nonessential agricultural land, urban land, and public land to meet housing needs of extremely low-, very low-, lower-, moderate-, and above moderate-income households.			X
(2) Encourage the use of alternative construction and development methods as a means of reducing production costs.			X
(3) Improve information and analysis relative to land availability and suitability for housing.			X
(4) Create incentives for development which would increase home ownership and rental opportunities for Hawaii's extremely low-, very low-, lower-, and moderate-income households and residents with special needs.			X
(5) Encourage continued support for government or private housing programs that provide low interest mortgages to Hawaii's people for the purchase of initial owner-occupied housing.			X
(6) Encourage public and private sector cooperation in the development of rental housing alternatives.			X
(7) Encourage improved coordination between various agencies and levels of government to deal with housing policies and regulations.			X
(8) Give higher priority to the provision of quality housing that is affordable for Hawaii's residents and less priority to development of housing intended primarily for individuals outside of Hawaii.			X
HRS §226-107 Quality education.			

Priority guidelines to promote quality education:			
(1) Pursue effective programs which reflect the varied district, school, and student needs to strengthen basic skills achievement;			X
(2) Continue emphasis on general education "core" requirements to provide common background to students and essential support to other university programs;			X
(3) Initiate efforts to improve the quality of education by improving the capabilities of the education workforce;			X
(4) Promote increased opportunities for greater autonomy and flexibility of educational institutions in their decision-making responsibilities;			X
(5) Increase and improve the use of information technology in education by the availability of telecommunications equipment for:			X
(A) The electronic exchange of information;			X
(B) Statewide electronic mail; and			X
(C) Access to the Internet.			X
Encourage programs that increase the public's awareness and understanding of the impact of information technologies on our lives;			X
(6) Pursue the establishment of Hawaii's public and private universities and colleges as research and training centers of the Pacific;			X
(7) Develop resources and programs for early childhood education;			X
(8) Explore alternatives for funding and delivery of educational services to improve the overall quality of education; and			X
(9) Strengthen and expand educational programs and services for students with special needs.			X
HRS §226-108 Sustainability.			
Priority guidelines and principles to promote sustainability shall include:			
(1) Encouraging balanced economic, social, community, and environmental priorities;	X		
(2) Encouraging planning that respects and promotes living within the natural resources and limits of the State;	X		
(3) Promoting a diversified and dynamic economy;			X
(4) Encouraging respect for the host culture;			X
(5) Promoting decisions based on meeting the needs of the present without compromising the needs of future generations;	X		
(6) Considering the principles of the ahupuaa system; and			X
(7) Emphasizing that everyone, including individuals, families, communities, businesses, and government, has the responsibility for achieving a sustainable Hawaii.			X
Discussion: The proposed project seeks to balance the needs of both Hilo Harbor users as well as the surrounding community and travelers along Kalaniana'ole Street by providing improvements that will improve traffic flow and access to Hilo Harbor. The adjacent properties proposed to be acquired have already been developed, thus the project will not require additional natural or environmental resources or undeveloped land to be utilized to implement the proposed improvements.			
HRS §226-109 Climate change adaptation priority guidelines.			
Priority guidelines to prepare the State to address the impacts of climate change, including impacts to the areas of agriculture; conservation lands; coastal and nearshore marine areas; natural and cultural resources; education; energy; higher education; health; historic preservation; water resources; the built environment, such as housing, recreation, transportation; and the economy shall:			
(1) Ensure that Hawaii's people are educated, informed, and aware of the impacts climate change may have on their communities;			X
(2) Encourage community stewardship groups and local stakeholders to participate in planning and implementation of climate change policies;			X
(3) Invest in continued monitoring and research of Hawaii's climate and the impacts of climate change on the State;			X

(4) Consider native Hawaiian traditional knowledge and practices in planning for the impacts of climate change;			X
(5) Encourage the preservation and restoration of natural landscape features, such as coral reefs, beaches and dunes, forests, streams, floodplains, and wetlands, that have the inherent capacity to avoid, minimize, or mitigate the impacts of climate change;			X
(6) Explore adaptation strategies that moderate harm or exploit beneficial opportunities in response to actual or expected climate change impacts to the natural and built environments;			X
(7) Promote sector resilience in areas such as water, roads, airports, and public health, by encouraging the identification of climate change threats, assessment of potential consequences, and evaluation of adaptation options;			X
(8) Foster cross-jurisdictional collaboration between county, state, and federal agencies and partnerships between government and private entities and other nongovernmental entities, including nonprofit entities;			X
(9) Use management and implementation approaches that encourage the continual collection, evaluation, and integration of new information and strategies into new and existing practices, policies, and plans; and			X
(10) Encourage planning and management of the natural and built environments that effectively integrate climate change policy.			X

6.1.3 State Functional Plans

The Statewide planning system requires the development of State Functional Plans which are approved by the Governor of Hawai‘i. The State Functional Plans guide the implementation of State and County actions in the areas of agriculture, conservation lands, education, energy, health, higher education, historic preservation, housing, recreation, tourism, water resources development, transportation, employment, and human services. The proposed project is consistent with the following objectives, policies and implementing actions of the respective State Functional Plans.

6.1.3.1 Transportation Functional Plan

Preparation of the Transportation Functional Plan was coordinated by the State of Hawai‘i Department of Transportation in 1991.

Issue Area I: Congestion

Objective I.D: Identification and reservation of lands and rights-of-way required for future transportation improvements.

Policy I.D.1: Identify, reserve and/or acquire land for future transportation improvements.

Discussion: The proposed action includes the acquisition of five parcels for the purposes of alleviating traffic congestion along Kalaniana‘ole Street and improving safety of cargo operations at the Harbor. The acquired properties would be utilized to create new merge and stacking lanes in association with other roadway improvements to address traffic congestion along Kalaniana‘ole Street, which serves as the main roadway providing access for cargo entering and leaving the Harbor, as well as the only road connecting the town of Hilo to the Keaukaha homestead community. In addition, the additional space gained from the property acquisition would provide a ground transportation staging area for vehicles picking up and dropping off cruise ship

passengers, thus reducing additional congestion caused by associated vehicles now occurring along Kalanianaʻole Street.

6.1.3.2 Historic Preservation Functional Plan

Preparation of the Historic Preservation Functional Plan was coordinated by the State of Hawaiʻi Department of Land and Natural Resources in 1991.

Issue Area I: Preservation of Historic Sites

Objective A: Identification of Historic Properties

Policy A.1: Expand Statewide Historic Sites Inventory Program.

Objective B: Protection of Historic Properties

Policy B.2: Establish and make available a variety of mechanisms to better protect historic properties.

Objective C: Management and Treatment of Historic Properties

Policy C.3: Explore innovative means to better manage historic properties.

Discussion: The proposed project supports the objectives and policies regarding the preservation of historic sites through the various reports and studies conducted to identify, evaluate, and preserve potential historic properties within the project site. Background research conducted for the LRFI indicated that there were no previously identified archaeological historic properties present within the properties proposed for acquisition. However, a new potential historic property was identified and documented during the field inspection. The new potential historic property was a drainage feature that was presumed to be over 50 years old and possessed “integrity of location, design, settings, materials, workmanship, feeling and association”, however it was determined not to be significant under Criteria a through e under HAR §13-284-6.

In addition to archaeological historic properties, the LRFI identified 15 potential historic buildings within the project site, as discussed in Section 4.1.3. An AECOM reconnaissance level architectural survey completed in 2017 determined the buildings present at four of the properties surveyed did not meet the State or National Register of Historic Places eligibility criteria. Based upon the characteristics, condition and use of the buildings on Parcel 3 that were not included in AECOM’s study, these buildings should similarly not meet the State or National Register of Historic Places eligibility criteria. Nevertheless, it was recommended that a professional assessment from an architectural historian should be conducted to determine if the buildings qualify as historic properties, and if any mitigation measures or historic preservation steps are required. This historic architectural assessment could be conducted as part of the project’s design phase when specific buildings determined for demolition or reuse would be determined subject to SHPD review of this project.

6.1.4 Chapter 344, HRS, State Environmental Policy

Chapter 344, HRS outlines the State's Environmental Policy that establishes State guidelines for encouraging a balanced and productive relationship between people and the environment. The following discusses the project's conformance and consistency with the pertinent goals, policies, and guidelines described under Chapter 344, HRS, Hawai'i State Environmental Policy.

Section 344-3(1). Conserve the natural resources, so that land, water, mineral, visual, air and other natural resources are protected by controlling pollution, by preserving or augmenting natural resources, and by safeguarding the State's unique natural environmental characteristics in a manner which will foster and promote the general welfare, create and maintain conditions under which humanity and nature can exist in productive harmony, and fulfill the social, economic, and other requirements of the people of Hawaii.

Discussion: The project would not result in additional development that would have an adverse impact on the State's natural resources and environmental characteristics as the project does not propose the construction of additional buildings or structures and would only require the use of previously disturbed areas. The construction of new roadway features and resurfacing of existing asphalt and paved areas would not affect potential groundwater resources should any be present under the project area. Further, the project would not increase demand for groundwater resources, as water is only required for fire suppression and prevention. BMPs as described in Section 3.1.3 will be adhered to during excavation and grading activities to minimize soil loss and erosion, preserving existing coastal water conditions. The surrounding air quality would remain at or below existing levels upon completion of the project as the number of industrial businesses in the area will not increase, and the volume of cargo or number of vessels entering the Harbor will remain relatively the same as current conditions. While only non-native fauna species were observed onsite, it is possible that seabirds like the Hawaiian petrel, band-rumped storm-petrel, and threatened Newell's shearwater may fly over the project area at night. BMPs and mitigation measures identified in Section 3.4.2 will be adhered to during the construction and operation of the project.

Section 344-3(2). Enhance the quality of life by:

C. Establishing communities which provide a sense of identity, wise use of land, efficient transportation, and aesthetic and social satisfaction in harmony with the natural environment which is uniquely Hawaiian;

Discussion: The proposed project would acquire properties adjacent to the Harbor for the purposes of alleviating traffic along Kalaniana'ole Street, which is a significant corridor for both cargo operations at the harbor as well as residents traveling between Hilo and the Keaukaha homestead community. The additional space gained through the acquisition of the properties would also allow DOTH to separate cargo traffic from cruise ship passenger traffic, thereby increasing the safety of all harbor users and improving the efficiency of harbor operations.

6.1.5 Guidelines, Chapter 344, HRS, State Environmental Policy

The State Environmental Policy includes guidelines to facilitate attainment of policy objectives involving the conservation of Hawai'i's natural resources and the enhancement of the quality of life of the state's peoples. The following discussion evaluates the project's consistency with pertinent guidelines of the State Environmental Policy.

6. *Transportation*
 - A. *Encourage transportation systems in harmony with the lifestyle of the people and environment of the State;*
 - C. *Encourage public and private vehicles and transportation systems to conserve energy, reduce pollution emission, including noise, and provide safe and convenient accommodations for their users.*

Discussion: The proposed improvements align with the transportation guidelines of the State Environmental Policy as it will provide additional space for cargo and cruise ship passenger vehicular traffic in an effort to alleviate traffic along Kalaniana'ole Street. The improvements would also increase safety for harbor users by separating cargo traffic from cruise ship passenger traffic, as well as for commuters traveling between Hilo and the Keaukaha homestead community as it will reduce congestion around harbor entrances and congestion along Kalaniana'ole Street. The design also includes a shared use path for bicyclists and pedestrians along Kalaniana'ole Street supporting the existing bike path and sidewalks along this corridor. These facilities would provide transportation options for the public or cruise ship passengers to safely travel to downtown Hilo without the use of a motorized vehicle, which aligns with the transportation guidelines to reduce pollution emission and provide safe and convenient accommodations for transportation system users.

10. *Citizen participation*
 - B. *Provide for expanding citizen participation in the decision-making process so it continually embraces more citizens and more issues.*

Discussion: Chapter 7 includes a discussion on the efforts undertaken to provide the community and agencies with an opportunity to review and comment on this project consistent with this policy. Pre-assessment consultation letters have been distributed to various stakeholders soliciting their input in the preparation of this document. The publication and processing of this environmental document allows for information to be distributed to the public and for public participation to address comments and concerns associated with the project. A public briefing on this project after this document's publication will also be held that allows for community participation in the process.

6.1.6 Coastal Zone Management Program

Hawai'i's Coastal Zone Management (CZM) program was enacted in 1977 (Chapter 205A, Hawai'i Revised Statutes), following the passage of the federal CZMA of 1972. The State's CZM Program also includes the Special Management Area (SMA) permitting system, which regulates uses, activities, or operations on land or in or under water within the SMA to ensure they are designed and carried out in compliance with the CZM objectives and policies, and SMA guidelines. SMA regulatory function and authority lies at the County level. A discussion on the project's consistency with the applicable CZM objectives is included.

Recreational Resources

Objective: Provide coastal recreational opportunities accessible to the public.

Policies:

- (B) *Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:*
 - (iii) *Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;*
 - (v) *Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;*

Discussion: The Harbor is a restricted facility and not considered a shoreline area open to public recreational use. There is no public access along the Harbor's piers or within the harbor basin due to large vessel activity. It is a port that does receive cruise ship passengers and visitors to the island. The proposed improvements would improve safety and access for cruise ship passengers and related vehicular traffic by separating the routes and access for ground transportation traffic and cargo operations, which would reduce potential conflicts and collisions between cruise ship passengers and cargo operators. In addition, the project includes a shared use path for bicyclists and pedestrians crossing this section of Kalaniana'ole Street. This facility connects to the existing bike lane and sidewalks providing the public or cruise ship passengers with an opportunity to access downtown Hilo without the use of a motorized vehicle.

Historic Resources

Objective: Protect, preserve, and where desirable, restore those natural and man-made historic and pre-historic resources in the coastal zone management area that are significant in Hawaiian and American history and culture.

Policies:

- (A) *Identify and analyze significant archaeological resources;*
- (C) *Support state goals for protection, restoration, interpretation, and display of historic resources;*

Discussion: A LRFI was completed for the project to identify and analyze historic archaeological resources. Background research conducted indicated that no previously identified archaeological historic properties were present within the properties to be acquired. However, a new potential historic property was identified and documented during the current field inspection. The new potential historic property was a drainage feature that was presumed to be over 50 years old and possessed “integrity of location, design, settings, materials, workmanship, feeling and association”, however it was determined not to be significant under Criteria a through e under HAR §13-284-6.

In addition to archaeological historic properties, the LRFI identified 15 potential historic buildings within the project site, as discussed in Section 4.1.3. An AECOM reconnaissance level architectural survey completed in 2017 determined the buildings present at four of the properties surveyed did not meet the State or National Register of Historic Places eligibility criteria. Based upon the characteristics, condition, and use of the buildings on Parcel 3 that were not included in AECOM’s study, these buildings should similarly not meet the State or National Register of Historic Places eligibility criteria. Nevertheless, it was recommended that a professional assessment from an architectural historian should be conducted to determine if the buildings qualify as historic properties, and if any mitigation measures or historic preservation steps are required. This historic architectural assessment could be conducted as part of the project’s design phase when specific buildings determined for demolition or reuse would be determined subject to SHPD review of this project.

Scenic and Open Space Resources

Objective: Protect, preserve, and where desirable, restore or improve the quality of coastal scenic and open space resources.

Policies:

- (B) *Ensure that new developments are compatible with their visual environment by designing and locating those developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;*
- (C) *Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources;*

Discussion: The project does not include any alteration of natural landforms or structures that will impact existing shoreline views. The project will not result in any new buildings or structures, and only includes improvements to alleviate traffic along Kalaniana‘ole Street.

Coastal Ecosystems

Objective: Protect valuable coastal ecosystems from disruption and minimize adverse impacts on all coastal ecosystems.

Policy:

- (A) *Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;*

Discussion: The project site will not impact any marine and coastal resources as all improvements will be located inland of the shoreline. In addition, the project site does not contain any rivers, streams, or surface water resources, and thus will not result in any downstream effects to coastal ecosystems. To avoid any potential impacts to coastal resources, BMPs like those described in Section 3.1.3 will be used during excavation and grading activities to minimize soil loss and erosion, preserving existing coastal water conditions. Permanent sediment control measures will be used once construction is complete as necessary.

Economic Uses

Objective: Provide public or private facilities and improvements important to the State's economy in suitable locations.

Policies:

- (B) *Ensure that coastal dependent development and coastal related development are located, designed, and constructed to minimize exposure to coastal hazards and adverse social, visual, and environmental impacts in the coastal zone management area; and*
- (C) *Direct the location and expansion of coastal development to areas designated and used for that development and permit reasonable long-term growth at those areas, and permit coastal development outside of designated areas when:*
- (i) *Use of designated locations is not feasible;*
 - (ii) *Adverse environmental effects and risks from coastal hazards are minimized; and*
 - (iii) *The development is important to the State's economy;*

Discussion: The project will not result in additional buildings or structures, as the acquired properties will be utilized to create space for additional access points, traffic routes, circulation, and staging areas for cargo operations and ground transportation vehicles in an effort to alleviate traffic along Kalaniana'ole Street. The improvements will not result in an increase in exposure to coastal hazards and adverse social, visual, and environmental impacts to the SMA and surrounding environment.

Coastal Hazards

Objective: Reduce hazard to life and property from coastal hazards.

Policies:

- (C) *Ensure that developments comply with requirements of the National Flood Insurance Program; and*
- (D) *Prevent coastal flooding from inland projects;*

Discussion: The project site is within the Federal Emergency Management Agency’s Flood Zones VE, AE, and X. As noted in Section 3.2.5, the proposed project may have minimal short- or long-term impacts on potential flood hazards. Implementation of the proposed improvements will not significantly change existing flood conditions or increase the vulnerability of the Harbor and the surrounding area to flooding. Existing drainage patterns should not be significantly altered which generally flow in a makai direction utilizing existing drainage systems (inlets) toward the harbor and eventual discharge at the shoreline. Therefore, existing flood hazard conditions within the harbor facility along with other adjacent existing uses along the shoreline should not be changed or significantly impacted by the project.

Managing Development

Objective: Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

Policies:

- (B) *Facilitate timely processing of applications for development permits and resolve overlapping or conflicting permit requirements; and*
- (C) *Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process;*

Discussion: This Draft EA is being prepared in accordance with HRS Chapter 343 and includes an evaluation of short and long-term environmental impacts of the project. The environmental review process includes public review within comment periods. Implementation of the proposed improvements will require State and County permits and approvals, as identified in Section 2.2.5. The overall permitting, review and approval process is consistent with the following CZM policies for managing development.

Public Participation

Objective: Stimulate public awareness, education, and participation in coastal management.

Policy:

- (A) *Promote public involvement in coastal zone management processes;*

Discussion: Chapter 7 includes a discussion on the efforts undertaken to provide the community and agencies with an opportunity to review and comment on this project consistent with this policy. Pre-assessment consultation letters have been distributed to various stakeholders soliciting their input in the preparation of this document. The publication and processing of this environmental document allows for information to be distributed to the public and for public participation to address comments and concerns associated with the project. A public briefing on this project after this document's publication will also be held that allows for community participation in the process.

Beach Protection

Objective:

- (A) *Protect beaches and coastal dunes for:*
 - (i) *Public use and recreation;*
 - (ii) *The benefit of coastal ecosystems; and*
 - (iii) *Use as natural buffers against coastal hazards; and*

Discussion: The project area does not include beach areas. These objectives are not applicable.

Marine Resources

Objective: Promote the protection, use, and development of marine and coastal resources to assure their sustainability.

Discussion: The project site will not impact any marine and coastal resources as all improvements will be located inland of the shoreline. The policies of this objective are not applicable.

6.2 COUNTY OF HAWAII

6.2.1 County General Plan

The County's General Plan 2005 (General Plan) is the County's long-range comprehensive plan that guides the pattern of future developments for the island. It provides a sound growth strategy that directs future opportunities related to land use, zoning amendments and capital expenditures. The General Plan was last updated and adopted by ordinance in 2005, and is organized into 13 elements, with policies, objectives, standards and principles for each element. The County is in the process of updating the General Plan through 2040, and the revised version is currently working through the comprehensive review process. Under the General Plan's land use pattern allocation guide map (LUPAG), the entire project site is designated as Industrial. Figure 6.2 shows the land use designations for this site and surrounding areas.

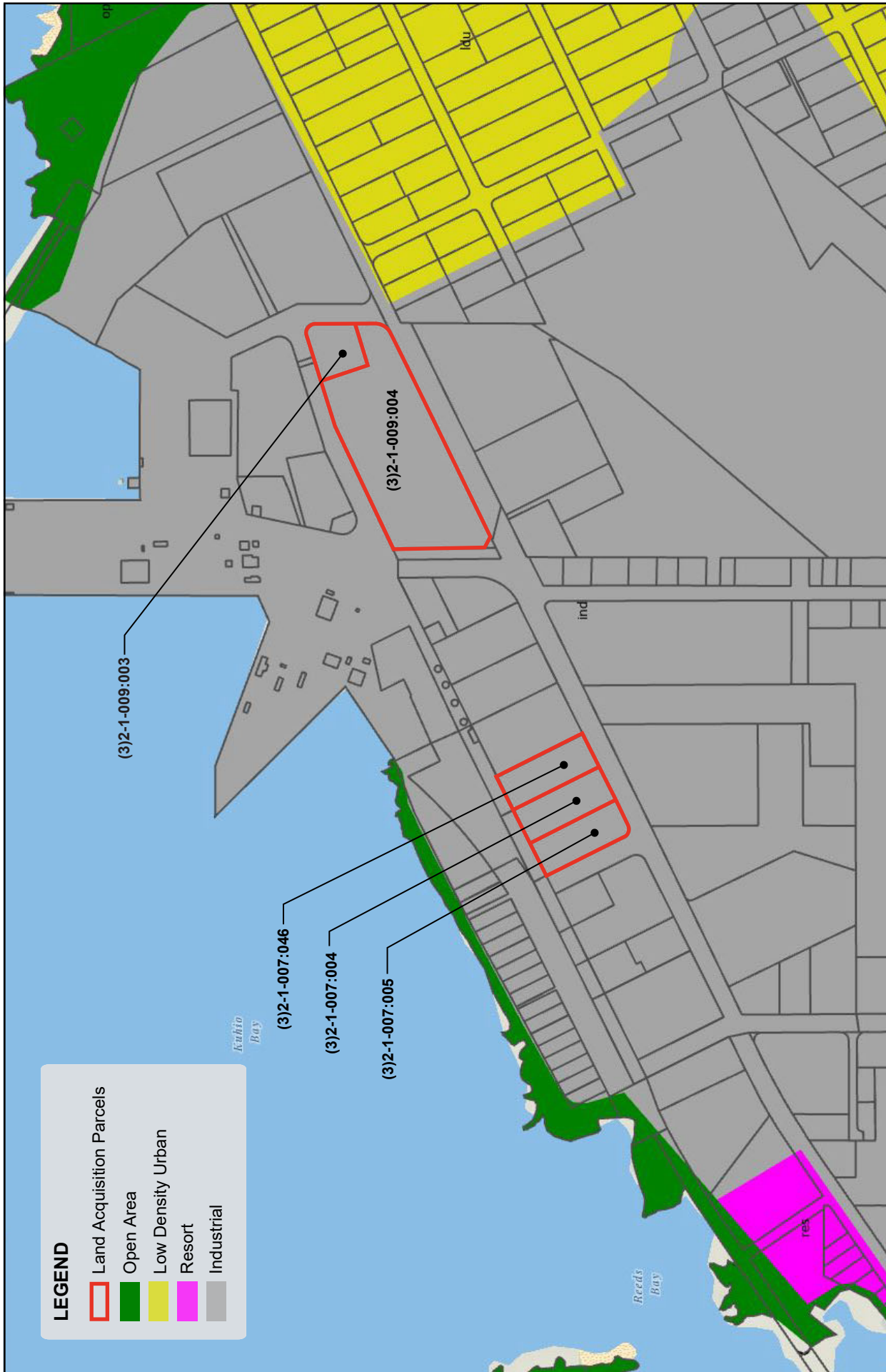


Figure 6.2
COUNTY GENERAL PLAN LAND USE PATTERN ALLOCATION GUIDE MAP



The project is intended to improve DOTH’s internal operational efficiency and address access and traffic control issues on roadways adjacent to the Harbor particularly to alleviate traffic congestion on a section of Kalaniana’ole Street. As discussed in Section 1.2 these improvements would support addressing anticipated future growth of Hilo and Hawai’i County. This project aligns with and is encouraged throughout the General Plan’s goals, policies, and courses of action.

Table 6.2 assesses the project’s consistency with relevant goals and policies of the presently adopted General Plan.

Table 6.2	
Proposed Action’s Conformance to the General Plan	
County of Hawai’i General Plan Goals and Policies Description	
Economic	
Goal (b)	Economic development and improvement shall be in balance with the physical, social, and cultural environments of the island of Hawai’i.
Goal (c)	Strive for diversity and stability in the economic system.
Discussion:	Acquisition of the five properties and the proposed improvements would be in balance with the physical, social, and cultural environments of the island of Hawai’i. The project would not result in an adverse impact to the physical environment as no new buildings or structures are proposed to be constructed. The Proposed Action includes improvements aimed at alleviating traffic congestion along Kalaniana’ole Street associated with Harbor entrances, and to improve safety conditions and operations at the Harbor for both cargo operations and cruise ship passengers. Rerouting and separating traffic between cargo operations and cruise ship passengers will improve safety and operational efficiencies and will also reduce the risk of conflicts and collisions around the facility.
Environmental Quality	
Goal (b)	Maintain and, if feasible, improve the existing environmental quality of the island.
Goal (c)	Control pollution.
Policy (a)	Take positive action to further maintain the quality of the environment.
Policy (c)	Advise the public of environmental conditions and research undertaken on the island's environment.
Discussion:	The proposed improvements would not result in degradation of the environmental quality of the surrounding environment. The construction of roadway facilities and resurfacing of existing pavement would occur within previously disturbed areas and would not negatively impact the existing quality of the environment or surrounding natural resources. In addition, BMPs will be adhered to during construction to mitigate erosion, dust, and other potential sources of pollution from affecting the environmental quality of the surrounding area. Environmental studies and reports have been undertaken as part of this environmental review process to assess and inform the public on the conditions of the project site and surrounding environment and potential impacts of the project.
Flooding and Other Natural Hazards	
Goal (e)	Reduce surface water and sediment runoff.
Policy (q)	Consider natural hazards in all land use planning and permitting.

Discussion:	The proposed improvements will be conducted in compliance with the County’s floodplain management regulations (Section 27 of the County Code). Design plans would also be coordinated with pertinent State and County agencies for review and approval. Compliance with these regulations would reduce potential damage to structures from natural hazards. Therefore, the risk of potential damage from natural hazards should be minimized and should be at no greater risk of damage than other existing developments at the Harbor.
Historic Sites	
Policy (c)	Require both public and private developers of land to provide historical and archaeological surveys and cultural assessments, where appropriate, prior to the clearing or development of land when there are indications that the land under consideration has historical significance.
Policy (g)	Collect and distribute historic sites information of public interest and keep an inventory of sites.
Policy (h)	Aid in the development of a program of public education concerning historic sites.
Discussion:	<p>As part of the EA, a LRFI and CIA was undertaken to identify sites, buildings, and objects of significant cultural and historical importance to Hawai’i to ensure proper preservation and mitigation measures are established as needed for the proposed project. A summary of previous archaeological studies and findings are listed in Table 4.1. During the field inspection report, one new potential historic property consisting of a drainage ditch was identified. Based on Nohopapa Hawai’i’s assessment of the property, it was determined to not be significant under Criteria a through e under HAR §13-284-6. The LRFI also inventoried potential historic buildings in the project site as discussed in Section 4.1.3.</p> <p>An AECOM reconnaissance level architectural survey completed in 2017 determined the buildings present at four of the properties surveyed did not meet the State or National Register of Historic Places eligibility criteria. Based upon the characteristics, condition and use of the buildings on Parcel 3 that were not included in AECOM’s study, these buildings should similarly not meet the State or National Register of Historic Places eligibility criteria. Nevertheless, it was recommended that a professional assessment from an architectural historian should be conducted to determine if the buildings qualify as historic properties, and if any mitigation measures or historic preservation steps are required. This historic architectural assessment could be conducted as part of the project’s design phase when specific buildings determined for demolition or reuse would be determined subject to SHPD review of this project.</p>
Natural Resources and Shoreline	
Policy (a)	Require users of natural resources to conduct their activities in a manner that avoids or minimizes adverse effects on the environment.
Policy (g)	Promote sound management and development of Hawaii's land and marine resources for potential economic benefit.
Discussion:	The proposed improvements would ensure any existing natural resources present are protected and maintained. The construction of new roadway features and resurfacing of existing asphalt and paved areas would not affect potential groundwater resources should any be present under the project area. Further, the project would not increase demand for groundwater resources, as water is only required for fire suppression and prevention. While only non-native fauna species were observed onsite, it is possible that seabirds like the Hawaiian petrel, band-rumped storm-petrel, and threatened Newell’s shearwater may fly over the Project Site at night. BMPs and mitigation measures identified in Section 3.4.2 would be adhered to during the construction of the project. As discussed in various sections of this document, scenic resources will be maintained and would not be affected by the acquisition

	of the properties or their use supporting improved Harbor access and alleviating traffic conditions along Kalaniana'ole Street.
Transportation	
Goal (a)	Provide a transportation system whereby people and goods can move efficiently, safely, comfortably, and economically.
Goal (b)	Make available a variety of modes of transportation that best meets the needs of the County.
Policy (b)	The agencies concerned with transportation systems shall provide for present traffic and future demands, including the programmed development of mass transit programs for high growth areas by both the private and public sectors.
Policy (c)	The improvement of transportation service shall be encouraged.
Policy (d)	Consider the provision of adequate transportation systems to enhance the economic viability of a given area.
Transportation – Roadways	
Goal (a)	Provide a system of roadways for the safe, efficient and comfortable movement of people and goods.
Policy (a)	Encourage the programmed improvement of existing roadways by both public and private sectors.
Policy (o)	Explore means and opportunities to enhance the shared use of the island's roadways by pedestrians and bicyclists, in coordination with appropriate government agencies and organizations.
Transportation –Transportation Terminals: Airports and Harbors	
Goal (a)	Provide transportation terminals and related facilities for the safe, efficient and comfortable movement of people and goods.
Policy (a)	Encourage the programmed improvement of existing terminals, including adequate provisions for control of pollution and appropriate and adequate covered storage facilities for agricultural products.
Policy (c)	Transportation terminals should be developed in conjunction with the different elements of the overall transportation system.
Policy (d)	Encourage maximum use of the island's airport and harbor facilities.
Policy (e)	Encourage the development, maintenance, and enhancement of Hilo and Kawaihae Harbors as detailed within the State's Hawaii Commercial Harbors 2020 Master Plan.
Course of Action (b)	The State Department of Transportation should continue to improve facilities at Hilo Harbor to meet increased shipping activities and cruise ship passenger arrivals.
Discussion:	The project fully aligns with and supports the Transportation Goals of the General Plan. As noted throughout the document, the objective of the project is to improve traffic conditions along Kalaniana'ole Street and in the surrounding area by acquiring adjacent parcels and improving Harbor access and routes for semi-trailers. Access improvements and additional land acquired would allow DOT to separate cargo traffic from cruise ship passenger traffic, which would increase safety for all users and improve the efficiency of harbor operations.

6.2.2 County Zoning Regulations

Permitted land uses and activities under the County’s jurisdiction are prescribed under Chapter 25, Zoning, of the Hawai‘i County Code, as amended (County, June 2005). The properties to be acquired are zoned MG-1a, General Industrial District and Figure 6.3 shows the current zoning for the project site and surrounding areas.

As previously noted, under §266-2(b), HRS, the State Department of Transportation “is authorized to plan, construct, operate, and maintain any commercial harbor facility in the State, including, but not limited to, the acquisition and use of lands necessary to stockpile dredged spoils, without the approval of county agencies.”, thereby exempting the project from requiring County zoning permits and/or approvals. The DOT plans to apply for and obtain ministerial permits from the County associated the review and approval of construction plans during the project’s design phase. This section is provided to discuss the project’s conformance and consistency with the County’s zoning code.

Consistency with Zoning District Permitted Uses

Under the Hawai‘i County Code, MG General Industrial Districts applies to areas that are considered to be offensive or have some element of danger. Under the MG-1a, General Industrial District for the project site, the applicable minimum number of acres required for each building site is one (1) acre. The MG General Industrial District consists of over 70 listed permitted uses, of which public uses and structures, as permitted under section 25-4-11 of the Hawai‘i County Code, are allowed. Therefore, the proposed improvements using the acquired properties would be consistent with permitted uses under this zoning district.

Consistency with Development Standards

The County’s MG General Industrial District development standards are specified under Chapter 25, Division 15 of the zoning code. As previously noted, the project does not include construction of new additional buildings or structures, and would only include improved roadways and staging areas to alleviate traffic conditions along Kalaniana‘ole Street and in the surrounding area. If feasible, some existing structures would be reused to support cargo operations, and their feasibility would be evaluated during the project’s design phase. Therefore, the project will not exceed or be in conflict with the MG General Industrial District development standards.



6.2.3 County Special Management Area

These properties proposed for acquisition are not situated within the County’s shoreline setback line of 40 feet being located a considerable distance away from the Harbor’s shoreline. Therefore, the project is not subject to the County’s Shoreline Setback Rule No. 11.

The properties proposed for acquisition and improvements are located within the County’s Special Management Area (SMA) and are therefore subject to the regulations prescribed under the County’s Planning Commission Rule 9 (Special Management Area). Use of these properties planned under this project include demolition of several buildings and structures and grading activities in developing site improvements. These activities would be considered a “development” under County Planning Commission’s SMA rules requiring a SMA Use Permit (Major) since the construction cost would be over \$500,000.

However, under §266-2(b), HRS, the State Department of Transportation “is authorized to plan, construct, operate, and maintain any commercial harbor facility in the State, including, but not limited to, the acquisition and use of lands necessary to stockpile dredged spoils, without the approval of county agencies.” As a result, the acquisition and use of these properties for the proposed improvements would be exempt from obtaining an SMA Permit. The proposed project’s consistency with applicable SMA objectives and policies were discussed previously under the State’s CZM objectives and policies.

6.2.4 EnVision Downtown Hilo 2025: A Community-Based Vision and Living Action Plan (EDH 2025)

EnVision Downtown Hilo 2025: A Community-Based Vision and Living Action Plan (EDH 2025) is an action plan for downtown Hilo originally guided by The Friends of Downtown Hilo Steering Committee and supported by the broader community. The EDH 2025 was adopted by Hawai‘i City Council Resolution 192-05 in November 2003. EDH 2025 contains a long-range “overarching vision” to implement multiple strategies and actions in support of six vision focus areas 1) Creating Economic Vitality; 2) Preserve Our Environment; 3) Strengthening & Sustaining Our Community; 4) Enhancing Education, Culture and the Arts; 5) Promoting Health & Safety; and 6) Managing Growth. Applicable focus areas and corresponding strategies and actions are listed below:

- Vision 2: Preserve Our Environment
 - Strategy 2.1 Develop a network of trails, paths, and green spaces for recreational uses from Wailuku River to Hilo Harbor.
 - Action 2.11 Publish the Hilo Bayfront Trails conceptual master plan
 - Action 2.14 Construct the Hilo Bayfront Trails

Discussion: The project supports the focus area visions, strategies and actions of EDH 2025. The design includes a shared use pathway that connects to other existing bike and pedestrian facilities along Kalaniana‘ole Street, which is part of the Hilo Bayfront Trails system. These facilities can be used by the public or cruise ship passengers to reach downtown Hilo without the use of a

motorized vehicle. This would indirectly support other visions of EDH 2025 like Creating Economic Vitality and Promoting Health & Safety. Thus, the project is consistent with EDH 2025.

6.2.5 Hilo Bayfront Trails Master Plan

The Hilo Bayfront Trails Master Plan is a County three-phased project to plan, design and construct a multi-modal pathway system from Wailuku River at Reed’s Island to Hilo Harbor’s cruise ship terminal for residents and visitors to enjoy the Hilo Bay shoreline features. The project is intended to create a system of paths connecting the existing recreational sites along the Hilo Bayfront area mauka and makai of Kamehameha Avenue while highlighting the region’s cultural significance, increasing pedestrian access for Hilo’s residents and visitors, and protecting the bayfront’s fragile coastline and surrounding waterways.

Discussion: Due to the volume of cruise ship passenger’s utilizing the Harbor, the Hilo Bayfront Trails Master Plan proposed short-term improvements to the existing pedestrian pathways within Hilo Harbor between Pier 1 and the Kūhiō Street main entrance. Long-term pedestrian improvements would be achieved with the future development of Pier 5 and its associated cruise ship passenger terminal outside the harbor. The project would not affect the Hilo Bayfront Trails Master Plan’s proposed short or long-term pedestrian improvements along the Harbor. The project’s new stacking lanes would be added using the new property acquired along with other improvements. These improvements would minimize the effect on the existing bike lane and sideway along this section of Kalaniana’ole Street between Kūhiō Street and Kahanu Street. The shared-use path would continue the bike and pedestrian route through this section to safely minimize traffic conflicts with semi-trailers using the stacking lane and merge lane. Thus, the project supports the Hilo Bayfront Trails Master Plan.

6.2.6 County of Hawai‘i, Transit and Multi-Modal Transportation Plan (2018)

The *County of Hawai‘i, Transit and Multi-Modal Transportation Master Plan* (SSFM, 2018) provides a framework for the development of transportation, including public and multi-modal options, on the Island of Hawai‘i. The Plan identifies areas of growth for the County’s transportation network, focusing on projects supporting the use of active transportation networks and the Hele-On bus system. The Plan allocates potential funding sources and provides general phasing for projects to support the development of the local transportation network. The goals to achieve the Plan’s vision consist of:

1. Make riding transit easier, reliable, and compatible with other multi-modal options.
2. Create a transit system to serve the employment and social needs of all people.
3. Implement technology to provide real time transportation information.
4. Create transportation hubs and bus stops with amenities that provide rider comfort and safety and that help support community and village gathering places.
5. Phase system implementation in a fiscally sustainable manner.

Each goal is supported by strategies for implementation. The Plan outlines existing conditions of public and multi-modal transit systems on Hawai‘i and makes design recommendations. Included in these recommendations is a bus route (#101 Intra-Hilo Keaukaha) that would run along Kalaniana‘ole Street.

Discussion: The project includes a shared-use path that would support existing bike paths and pedestrian sidewalks along this section of Kalaniana‘ole Street. As discussed in Section 5.5.1, the Hele-On Bus Route 101 provides service along Kalaniana‘ole Street in the Harbor area toward the Keaukaha community. There are also two bus stops along this road in the vicinity of the properties proposed for acquisition. An outbound (eastbound to Keaukaha) bus stop is situated at Kalaniana‘ole Street with Silva Street and an inbound (westbound) bus stop to Hilo town is situated at Kalaniana‘ole Street with Kūmau Street. Route 101 provides service from the Mo‘oheau Bus Terminal to Richardson’s Beach Park located at the end of Kalaniana‘ole Street. The project would not impact these bus stops and may include additional improvements to one bus stop based upon County MTA comments. Thus, the project would be consistent with this plan.

CHAPTER 7 CONSULTED AGENCIES AND ORGANIZATIONS

This chapter discusses the proposed project's conformance with pertinent State and County land use plans and policies, which include the State Land Use District regulations, State Environmental Policy (Chapter 344, HRS), and the regulations, policies, and goals set forth by the County's General Plan, and Special Management Area (Chapter 205A, HRS).

7.1 PRE-ASSESSMENT CONSULTATION

Consultation with various government agencies and community organization was undertaken to obtain information on agency requirements and comments about potential community issues so that they could be addressed in this Draft EA. Consultation involved distributing a pre-assessment consultation letter with supporting documentation to various parties requesting their written comments. A listing of those parties consulted is below and those providing written responses have been identified with a "»" symbol. Copies of written comments received and responses to these comments are included in Appendix A.

Federal Agencies

- U.S. Department of Army, Honolulu District, Corps of Engineers
- U.S. Department of Interior, Fish and Wildlife Services
- U.S. Department of Homeland Security, Coast Guard, District 14
- U.S. Department of Transportation, Federal Aviation Administration
- U.S. Environmental Protection Agency, Region 9
- U.S. National Oceanic Atmospheric Administration, National Marine Fisheries Service

State of Hawai'i

- Department of Accounting and General Services
- Department of Business, Economic Development and Tourism (DBEDT)
 - DBEDT, Office of Planning
- » Department of Defense
- » Department of Education
- Department of Hawaiian Home Lands
- Department of Health (DOH)
 - DOH, Director
- Department of Land and Natural Resources (DLNR)
 - DLNR, Chairperson
 - DLNR, State Historic Preservation Division
 - » DLNR, Division of Boating and Ocean Recreation
 - » DLNR, Division of Forestry and Wildlife, Wildlife Program
 - » DLNR, Engineering Division
 - » DLNR, Land Division

State of Hawai'i (continued)

Department of Transportation (DOT)

DOT, Director

» DOT, Highways Division

Hawai'i Housing Finance and Development Corporation

Office of Hawaiian Affairs

County of Hawai'i

Office of the Mayor

Civil Defense Agency

Department of Environmental Management (DEM)

» DEM, Director

» DEM, Solid Waste Division DEM, Wastewater Division

Department of Finance

Department of Parks and Recreation

» Department of Public Works (DPW)

DPW, Director

DPW, Highway Maintenance

Department of Water Supply

» Hawai'i Fire Department

Hawai'i Police Department

» Mass Transit Agency

Planning Department (PD)

» PD, Director

Utilities, Elected Officials, and Organizations

» Hawaiian Telcom

Hawaiian Electric Company

» Hawaiian Electric Light Company

Hawai'i Gas Company

Spectrum

Senator Laura Acasio, 1st Senate District

Senator Lorraine R. Inouye, 4th Senate District

Representative Richard H.K. Onishi, 3rd House District

» Councilmember Susan L.K. Lee Loy, County Council District 3

Chamber of Commerce Hawai'i

Day-Lum Rentals & Management

Hawai'i Island Chamber of Commerce

Japanese Chamber of Commerce

Ka 'Umeke Kā'eo Public Charter School

Ke Ana La'ahana Public Charter School

Keaukaha Community Association

Utilities, Elected Officials, and Organizations (continued)

Keaukaha Elementary School
Leleiwi Community Association
Matson
PASHA Hawaii
Young Brothers Hawaii

Hawai'i Tribune Herald
New West Broadcasting
West Hawai'i Today

Residents on Ocean View Drive

Ruth M Binyan
Sam Kalahikiola Willocks
Christian Gallery
Hickman Family Trust: Roderick & Gloria Hickman
IBEW Local 1260
Hamilton Trust: Susan Weinert Hamilton
Kyle Sakaitani
Heidi Finkle
I C Haunani Henry
Michael F Rudolph
Witold Markiewicz

Residents on Kalaniana'ole Avenue

Hiram Simeona
Mildred Meyer
Lee K Earwood
Myrleen K Kaloi
Wanda E J Cerf-Cardines
Alisa-Lei Keopuhiwa
Earlyne K Garcia
George J Azevedo
Faith E N Kanakaole
Robert G Baldado
James K Hough & Lorene L Hough
Eloise Ekekela Pung
Beatrice K Hudman
Quincey W Waiki
Benedict Al Yung
Kaimi K M Pacheco

7.2 DRAFT EA COMMENTS

Consultations with agencies and the community were conducted to obtain input and comments on the Draft EA document published. This consisted of: 1) conducting a public informational meeting; and 2) the 30-day public comment period under the environmental review process.

7.2.1 Public Informational Meeting

The DOT with The Wilhelm Group and B+K Consulting, Inc. conducted a public informational meeting at the Keaukaha Elementary School Cafeteria on Wednesday, July 5, 2023. This meeting was conducted after publication of the Draft EA, but during the 30-day comment period. The purpose for the meeting was to brief the community on the project, solicit comments, and inform the public of the Draft EA's availability.

Several activities were conducted to notify the community and broader public of this informational meeting. A public notice of this meeting was placed in the legals/public notices section of the Sunday, June 25, 2023 and Monday, June 26, 2023 editions of the *Hawai'i Tribune Herald* newspaper. A press release was issued by the State DOT notifying the public of this meeting on June 30, 2023 along with publishing this notice on the DOT website. A flyer informing of this public informational meeting was also distributed to several pertinent government agencies and several community associations and organizations.

Public Meeting Comments

About 30 people attended the community meeting (see Exhibit 7-1), and Appendix A includes a copy of the sign-in sheets from this meeting. Written comment cards were received from some members of the audience. These comments have been included with other written comment letters received on the Draft EA and are discussed in the next section. A summary of questions and comments received from the audience is provided and information addressing them is provided.



Exhibit 7-1. Keaukaha Elementary School
Public Informational Meeting

- Commented that 26 businesses would be displaced with over 100 workers affected at these parcels, and where would these businesses relocate to.

Response. Section 4.3.1 explained that 19 businesses were documented being present within the five properties based upon a site visit and survey with photos (Appendix E). Acquisition of properties would impact these existing businesses due to their displacement which may involve potentially about 100 or less employees. The State DOT has been coordinating with the property owners of these privately-owned parcels. Existing tenants should be aware of the State's intent and purpose with the purchase of the land. After acquiring the properties, the State DOT will negotiate with the existing businesses to either remain on the properties until their lease expires or negotiate terminating their leases with the State before relocating. Tenants have information regarding the terms of their leases and can plan ahead on taking action in their best interest. A recent search (9/25/23) on OfficeSpace.com¹⁷ indicated that 72 commercial real estate spaces were available for lease and 35 buildings were available for sale in the Hilo region. Other commercial real estate websites list several buildings available for lease for commercial or light industrial use. Therefore, this sampling shows there should be other spaces available for lease or sale in the Hilo town area that businesses could choose to relocate to, and such businesses would have at least a few years if not longer to plan this relocation until the end of their lease.

- Believe that the stacking lane shown to accommodate 16 semi-trailers would be inefficient. There's land by the airport with empty warehouses that could be used.

Response. The stacking lane would be sufficient to accommodate semi-trailer traffic. These semi-trailers entering the Harbor are heading toward the Kahanu Street gate for overseas cargo operations. Semi-trailers for interisland cargo would continue to enter the Harbor from Kūmau Street. It also just takes a few minutes to process these vehicles at entrance gates, so semi-trailers would continue to flow within the staking lane and have sufficient capacity.

Utilizing warehouses in the area of the airport would not support the purpose and need for this project as discussed in Section 2.1. The project is needed to improve existing Harbor entry points and reduce semi-trailer delays and backups along Kalaniana'ole Street. Improvements are also needed to address ground transportation staging for vehicles, improve safety of operations occurring, and increase yard space for cargo operations at the Harbor. Thus, other warehouses by the airport are not adjacent to the Harbor, would split cargo operations making it inefficient and more costly, and won't allow for improvements to address traffic conditions along Kalaniana'ole Street.

¹⁷ OfficeSpace.com, Hilo, Hawai'i Commercial Real Estate. Accessed September 25, 2023. <https://www.officespace.com/hi/hilo>

- There should be a study to assess the traffic in the next four years because the present projections would be outdated by the time the project is completed.

Response. A traffic study would not be necessary to identify and address traffic impacts associated with this project as improvements would not generate a new significant increase in traffic needing a traffic study. Redevelopment of the acquired parcels would actually decrease the number of vehicles currently entering and exiting these sites. The collection of existing traffic counts and an analysis of existing traffic conditions were conducted, and Section 5.5 addressed traffic impacts associated with this project. Also, the project would not generate “growth” in the amount of cargo processed at the Harbor or growth in the urban development of Hilo and island wide. Such changes in the demand for essential goods and materials are due to regional and island-wide factors determined by future growth of the island, the resident and de facto populations, and business and consumer demands. Harbor operations instead focus on the safety and efficiency in processing the distribution of goods and materials to and from the island cost effectively.

- The residents of the surrounding community should be consulted on the plans.

Response. The State DOTH understands the community’s concern about construction activities occurring along Kalaniana’ole Street and will engage the community with its roadway designs and traffic impacts after the State DOTH completes the acquisition of the private lands. These efforts to keep the community informed would include actions such as updates to DOTH’s website, sending periodic emails to community organizations, conducting more public briefings, etc.

- Wanted to know when does the comment period end and what is the process.

Response. The 30-day comment period ended on July 24, 2023. The DOTH would then review written comments received on the Draft EA and respond to these comments. A Final Environmental Assessment and FONSI determination would then be prepared and published in The Environmental Notice completing the environmental review process. The next phase would be to obtain approval from the Board of Land and Natural Resources (BLNR) to proceed with acquiring the proposed properties. Following DOTH acquisition of the properties, negotiations with the tenants would occur regarding their leases. The timing for the design and construction of the improvements would then be dependent upon the negotiations with tenants.

- Wanted to know if they can provide comments again during the design process and provide comments when the project goes to the Board of Land and Natural Resources. Would like to have more conversations on this project.

Response. The State DOTH will engage the community during its roadway design process after the State DOTH completes the acquisition of the private lands allowing for the community to provide more comments on the project. Comments can also be provided to the State BLNR when the DOTH pursues approval to proceed with acquiring the properties.

- Commented the project should address global warming because the ocean is rising. At a recent Moloka‘i meeting, the residents were informed they would have to raise their properties by 10 feet due to this.

Response. Section 3.2.6 addressed the effects climate change and sea level rise would have on the project. A 3-foot projected sea level rise would not impact the Harbor and has minimal effect on surrounding areas. Therefore, the project should experience minimal if any short- or long-term impact from or contribute to increased climate change and sea level rise.

- Questioned whether 20% of the income DOTH receives from this Harbor goes to OHA.

Response. The Harbor’s piers and associated cargo yards are ceded land, thus, the State DOTH remits payments to the State Office of Hawaiian Affairs. The properties being acquired are not ceded lands.

- Wanted to know what the environmental review assesses.

Response. The Environmental Assessment determines whether a proposed action may have a substantial adverse effect on the environment. This assessment evaluates a number of factors such as various natural resources, human environmental factors, historic and cultural resources, infrastructure and public facilities, and consistency with State and County planning policies. The agency’s review and evaluation of the proposed action’s effect on the environment in determining whether: 1) the action would have a significant effect on the environment, and an Environmental Impact Statement Preparation Notice should be issued, or 2) the action would not have a significant effect warranting a Finding of No Significant Impact or FONSI.

- Concerned that the breakwater may collapse.

Response. The State DOTH is not aware of issues with the existing breakwater at this time that may result in sections of it collapsing. The project would not affect this breakwater as the proposed improvements would occur primarily with the five parcels proposed for acquisition.

- Questioned what happens if the land acquisition needs to involve condemnation and how does that affect the project’s timeline. Also, how cleaning up the properties would affect this schedule.

Response. If condemnation is required to acquire some of the properties, the State DOTH will follow the established procedures in conducting this action through the court system. This process will inevitably delay the anticipated project schedule, and the resulting timing and progress of this would be dependent upon the situations associated with that case. A Phase 2 ESA study would need to be conducted so that more details would be known of the potential presence of hazardous materials within these parcels, and necessary remediation measures can be identified. Removal of hazardous materials from properties would be conducted after their acquisition by the State DOTH, and the need for condemnation proceedings would inevitably delay this removal from occurring.

- Questioned what solutions were available to address conflicts at the main entrance at Kūhiō Street with the stacking area and bike path.

Response. There shouldn't be a conflict at the Kūhiō Street entrance with the stacking lane and shared-use path because the stacking lane entrance occurs about 400 feet past (east of) this intersection about mid-block. The shared-use path would end at Kūhiō Street and the existing bike lane with sidewalk would continue on the western side of this street. A STOP sign for semi-trailers would also be provided at the acceleration lane's intersection with this shared use path to give the right-of-way to bikes and pedestrians and minimize potential conflicts as shown on Figure 2.2.

- Commented that a social economic study should be conducted.

Response. A socio-economic study is not necessary to reasonably address the cost of the project, address the project's purpose, or identify the social and economic impacts. Section 4.3.1 provides discussion of the project's effect on social factors and Section 4.3.2 addresses the project's economic and fiscal impact. Information on the demographic characteristics of the community in relation to the County was provided. The project's improvements utilizing these properties should not have a significant short- or long-term impact on the various demographic characteristics of the area. Demolition of buildings and structures within the acquired properties would not change any of the demographic characteristics because there are no residences or visitor units that would be displaced. The project would also not contribute to growth issues associated with the regional development of Hilo and island wide that may significantly change the demographic character of the area. Sufficient information was also provided addressing the effects on the businesses being displaced by the project.

- Questioned whether comments from YB, Matson, and Pasha were being obtained.

Response. Consultation with Young Brothers, Matson, and Pasha was conducted as part of this process as discussed in the various sections of this chapter. This included notifying them of the availability of the Draft EA for review.

- Questioned when the community can receive responses to their questions and comments.

Response. Responses to community comments and questions raised at the public informational meeting are addressed under this section and will be made available as part of the Final EA that is published. Written comments on note cards received from that meeting are included in Appendix A which also includes written response letters to the participants. These letters were emailed to the participants prior to the publication of this Final EA.

- Concern expressed about a building that used to house Pacific Fertilizer for over 50 years.

Response. A Phase 1 ESA study (Appendix E) addressed this facility and prior use that were associated with Parcel No. 4 identified in Section 4.7 of this Final EA. A Phase 2 ESA study would be conducted to obtain more details of the potential presence of hazardous materials within these parcels, and necessary remediation measures can be identified. Removal of hazardous materials from properties would be conducted after their acquisition by the State DOTH.

7.2.2 Review Comments on Draft EA

Notice of the availability of the Draft EA for this project was published in the June 23, 2023 issue of the State Office of Planning and Sustainable Development, Environmental Review Program's (ERP) *The Environmental Notice* initiating a 30-day public comment period that ended on July 24, 2023.

Notice of the availability of this Draft EA was distributed via email or mail to the following parties identified below for their information along with a web link to access the electronic file of the document available on the ERP website. Hardcopies of this document were also made available for the public at the Hawai'i State Library and Hilo Public Library. Notice of the Draft EA's publication was also sent to property owners within a 300-foot radius of the project site. This notification process is similar to County notification requirements for their processing of land use permit applications. The DOTH website also posted on June 30, 2023 notice of the public informational meeting and included a link to the Draft EA document for access by the public.

A listing of those parties consulted or providing written responses based upon the public notification have been identified with a "»" symbol. This list also includes written comment cards collected at the July 5, 2023 public informational meeting. Copies of written comments received and responses to these comments are included in Appendix A.

Federal Agencies

- U.S. Department of Agriculture, Natural Resources Conservation Service
- » U.S. Department of Army, Corps of Engineers, Honolulu District, Pacific Ocean Division
- U.S. Department of Interior, Fish and Wildlife Services, Pacific Islands Fish and Wildlife Office
- U.S. Department of Homeland Security, Coast Guard, District 14, Base Honolulu
- U.S. Department of Transportation, Federal Aviation Administration
- U.S. Environmental Protection Agency, Region 9, Pacific Southwest
- U.S. National Oceanic Atmospheric Administration, National Marine Fisheries Service, Pacific Islands Regional Office

State of Hawai‘i

- » Department of Accounting and General Services
- Department of Business, Economic Development and Tourism (DBEDT)
 - DBEDT, Director
 - DBEDT, Land Use Commission
 - DBEDT, Office of Planning and Sustainable Development
- » DBEDT, Hawai‘i Housing Finance and Development Corporation
- Department of Defense (DoD)
 - DoD, The Adjutant General
 - DoD, Hawai‘i Emergency Management Agency
- » Department of Education
- Department of Hawaiian Home Lands
- Department of Health (DOH)
 - DOH, Director
 - DOH, Clean Air Branch
 - DOH, Clean Water Branch
 - DOH, Safe Drinking Water Branch
 - DOH, Solid and Hazardous Waste Branch
 - DOH, Wastewater Branch
- Department of Land and Natural Resources (DLNR)
 - DLNR, Chairperson
 - » DLNR, Division of Aquatic Resources
 - » DLNR, Division of Boating and Ocean Recreation
 - DLNR, Division of Forestry and Wildlife
 - » DLNR, Engineering Division
 - » DLNR, Engineering Division, Hawai‘i District
 - » DLNR, Land Division
 - DLNR, Office of Conservation and Coastal Lands
 - DLNR, State Historic Preservation Division
- Department of Transportation (DOT)
 - DOT, Airports
 - DOT, Highways
- Office of Hawaiian Affairs
- » University of Hawai‘i, Institute for Astronomy
- Hawai‘i State Public Library System
 - Hawai‘i State Library, Hawai‘i Documents Center
 - Hilo Public Library

County of Hawai'i

- Office of the Mayor
- Civil Defense Agency
- Department of Environmental Management (DEM)
 - DEM, Director
 - » DEM, Solid Waste Division
 - DEM, Wastewater Division
- Department of Parks and Recreation
- Department of Public Works (DPW)
 - DPW, Director
 - DPW, Building Division
 - DPW, Engineering Division
 - DPW, Traffic Division
- Department of Water Supply
- Hawai'i Fire Department
- » Hawai'i Police Department
- Mass Transit Agency
- » Planning Department

Elected Officials and Utilities

- Senator Lorraine R. Inouye, Senate District 1
- Representative Chris Todd, House District 3
- Councilmember Susan L.K. Lee Loy, County Council District 3

- » Hawaiian Telcom
- Hawai'i Electric Light Company
- Hawai'i Gas Company
- Spectrum

Organizations, Businesses, and Residents

- 595K LLC
- A&A Hawai'i Inc.
- » Airgas GasPro Inc.
- American Fence Co Ltd.
- Big Island Energy Company, LLC
- » Big Island Homes & Land Co. Ltd
- Conen's Freight Transport, Inc.
- CPN Investments LLC
- Day-Lum Rentals & Management
- Geo Investment Company, Inc.
- H. Kono, Inc.
- Hawai'i Island Chamber of Commerce
- Hawai'i Petroleum, Inc.

Organizations, Businesses, and Residential Properties (Continued)

- Hawai'i Stevedores, Inc.
- Hawai'i Transportation Association
- Hilo Products, Inc.
- Hoku Kai Biofuels LLC
- IES Downstream LLC
- Isemoto Contracting Company, Ltd.
- Island Wide Trucking
- Jack's Tours, Inc.
- Japanese Chamber of Commerce
- Jas W. Glover, Ltd.
- » Ka 'Umeke Kā'eo Public Charter School (with Keaukaha Community Association)
- Kalaniana'ole Real Estate Investments LLC
- Ke Ana La'ahana Public Charter School
- » Keaukaha Community Association
- Keaukaha Elementary School
- Kūhiō Industrial Park
- Kuwaye Trucking, Inc.
- » Lelewi Community Association (with Keaukaha Community Association)
- LNW Hilo Inc.
- Masayumi Inc.
- Matson Navigation Co Inc.
- Mihara Transfer Inc.
- Pacific Coast Trucking, Inc.
- PASHA Hawai'i
- Sparks and Bochetti, LLC
- Suisan Company, Ltd.
- W&H Lee LLC
- Young Brothers Hawaii

Ocean View Drive Area

- Christian Gallery
- Hamilton Trust: Susan Weinert Hamilton
- Heidi Finkle
- Hickman Family Trust: Roderick & Gloria Hickman
- IBEW Local 1260
- I C Haunani Henry
- Kyle Sakaitani
- Michael F Rudolph
- Ruth M Binyan
- Sam Kalahikiola Willocks
- Witold Markiewicz

Kalaniana'ole Avenue and Street Area

Alisa-Lei Keopuhiwa
Beatrice K Hudman
Benedict Al Yung
Earlyne K Garcia
Eloise Ekekela Pung
Faith E N Kanakaole
George J Azevedo
Henrietta K Miranda
Hiram Simeona
James K Hough & Lorene L Hough
James M K Amaral
Jolana L Colobong
Kaimi K M Pacheco
Lee K Earwood
Mildred Meyer
Myrleen K Kaloi
Quincey W Waiki
Robert G Baldado
Wanda E J Cerf-Cardines

Others

- » Cory Harden
- » Keli William Ioane Legacy Foundation
- » Hui Ho'oleimaluō (with Keaukaha Community Association)
- » Jim Marquez
- » I. Kitagawa & Company, Ltd.
- » DJ Schneider
- » Aaron Stene

Public Informational Meeting Comment Cards

- » Eloise Pung
- » Odetta Rapozo-Pung
- » Neal Aki
- » La Verne Lucero
- » Robyn Riedel

CHAPTER 8 FINDINGS AND DETERMINATION

To determine whether a proposed action may have a significant effect on the environment, the Approving Agency (State Department of Transportation) needs to consider every phase of the action, the expected primary and secondary consequences, cumulative effect, and the short- and long-term effects. The agency's review and evaluation of the proposed action's effect on the environment would result in a determination of whether: 1) the action would have a significant effect on the environment, and an Environmental Impact Statement Preparation Notice should be issued, or 2) the action would not have a significant effect warranting a Finding of No Significant Impact (FONSI).

This chapter addresses the proposed determination based upon the evaluation criteria prescribed for the Approving Agency. A FONSI is proposed for this project.

8.1 DETERMINATION

A FONSI determination is warranted for the Private Lands Acquisition and Development, Hilo Harbor Project based upon the assessment results and information provided in this document. The findings supporting this determination are based upon discussion of the project's effect on the environment in relation to the 13 Significance Criteria prescribed under the State Department of Health's Administrative Rules Title 11, Chapter 200.1.

The results of the assessments conducted determined that the proposed project should not have a substantial adverse effect on the surrounding environment. The acquisition of the five privately-owned properties should have no or minimal effect on the environment because it involves an administrative action transferring ownership to the State.

Proposed improvements utilizing these properties should similarly have not have significant or adverse short- or long-term impact on the natural and human environment, socio-economic factors, or infrastructure and public facilities as discussed in the various sections of this document. The improvements would help to alleviate traffic congestion along a section of Kalaniana'ole Street along with the roads leading to the entrances into the Harbor. This would have an overall positive benefit to the surrounding Keaukaha community since this street provides the only access into and out from this area. The improvements would also improve cargo operations and efficiency within the Harbor which is important for importing and exporting of food, materials, etc. to the Island of Hawai'i.

8.2 FINDINGS

1. *Irrevocably commit a natural, cultural, or historic resource.*

The proposed project would not result in the irrevocable commitment to loss or destruction of any natural, historic, or cultural resources. Chapter 3 discussed the project's effect on natural resources and addressed how no natural resources of interest are even present within the properties to be acquired because they consist of developed sites used for industrial and commercial activities. There are no cultural resources present within these industrial properties that would be impacted as discussed in Section 4.2. Section 4.1 addressed historic resources present on the properties and identified a historic drainage feature that did not meet the State's significance criteria. Existing buildings were identified and should not meet State or National Register of Historic Places eligibility criteria either. However, a historic architectural assessment is proposed to be conducted to confirm this before demolition activities occur. Appropriate best management practices and other minimization measures would also be incorporated into design plans that are reviewed by pertinent agencies before being implemented during construction activities as discussed in this document.

2. *Curtail the range of beneficial uses of the environment.*

The project would not curtail the range of beneficial uses associated with the acquired properties or the environment. The properties to be acquired consist of developed sites used for industrial and commercial activities that would be used to support a public purpose and need. Aside from the businesses operating there, there are presently no environmentally beneficial uses occurring for the general public on these privately-owned parcels. Helping to alleviate traffic congestion along a section of Kalaniana'ole Street along with the roads leading to the entrances into the Harbor would have an overall positive benefit to the surrounding Keaukaha community and the public. This would be a beneficial use of these parcels for the community and environment.

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

The acquisition of the proposed properties along with improvements constructed under this project using them should not conflict with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS as well as other applicable State regulations. A discussion of the project's consistency with such applicable guidelines was provided in Chapter 6 of this document.

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

The acquisition of the properties and their use to help alleviate traffic congestion and improve cargo operations would not have a substantial adverse effect on the economic or social welfare of the community and state. The project would not adversely affect cultural practices because there

are no cultural resources present on these properties, nor are the properties used for such practices or for access allowing persons to continue to exercise traditional and customary practices. The surrounding area is a developed industrial area with the Harbor situated makai of these parcels.

Acquisition of the properties would result in a decrease of about \$158,500 (2022 property taxes) in County tax revenue since they would now become State-owned property for which property tax revenue to the County would be exempted. Although this reduced property tax amount is not insignificant, it does represent a relatively small decrease in comparison to the County's annual operating budget of about \$794 million for fiscal year 2023-2024. This change would not substantially or adversely affect the County's economic welfare.

The benefits to the Keaukaha community with improved traffic conditions along Kalaniana'ole Street is a positive effect supporting that community's social welfare. Project improvements utilizing these properties should not have a significant short- or long-term impact on the demographic characteristics of the Hilo area or overall County. The project does not include constructing any new residences or visitor units that would increase area's the resident or visitor population.

The State DOTH has been coordinating with the property owners of these privately-owned parcels. Displacement of tenants from the acquisition over time (upon expiration of their leases) would have a smaller but localized effect for each tenant. After acquiring the properties, the State DOTH will negotiate with the existing tenants to either remain on the properties until their lease expires or negotiate terminating their leases with the State before relocating. Being able to continue operating at their site until the end of their lease minimizes economic effects since tenants are able to continue operations while planning ahead based upon their lease expiration. Tenants have information regarding the terms of their leases and can plan ahead on taking action in their best interest. They can continue to operate and plan ahead under their lease similar to normal market conditions minimizing effects from the State's acquisition of properties. With such accommodations, the project would not have a significant or adverse economic impact. The project would thus not have a significant or adverse impact on the economic character of the Harbor area or the larger Hilo town area. The project would also not have a substantial adverse effect on the social welfare of this community, the overall County, or the State.

5. *Have a substantial adverse effect on public health.*

The project would not substantially affect public health as discussed in various sections of this document. Minimal short-term effects on public health from construction activities are anticipated relative to various health issues such as air quality and noise. A Phase 2 ESA study is planned to be conducted as discussed in Section 4.7.2 so that necessary remediation measures can be identified to address the potential presence of hazardous materials within the parcels to be acquired. Removal of necessary materials would likely be completed before demolition of building and structures occurs, and this would be conducted in conformance with applicable federal and state regulations. Short-term construction-related effects for site improvements (stacking lane, etc.) would be minimized by complying with pertinent State or County regulations. Best management

practices will also be included in the design plans developed for implementation by the contractor during demolition and construction activities.

6. *Involves adverse secondary impacts, such as population changes or effects on public facilities.*

The project should not have any substantial secondary impacts on the social environment, infrastructure facilities, and public facilities as discussed in Section 5.8. Improvements do not involve adding residential housing or visitor accommodation units that may generate population changes and increase demands on public facilities.

7. *Involves a substantial degradation of environmental quality.*

The project would not result in a substantial degradation to the quality of the surrounding environment. As discussed in several sections of this document, the acquisition of privately-owned properties is intended to support a public purpose and need. These properties are used for industrial and commercial uses and the demolition of certain buildings and structures would include cleaning up these sites of potential hazardous materials. This would have a beneficial effect on the environmental quality of the surrounding area by eliminating potential discharges and leakages of such materials into the groundwater and ocean. Proposed improvements utilizing these properties should not have significant or adverse short- or long-term impacts on the natural environment and various minimization measures have been identified to address short-term construction-related effects. Best management practices will also be included in the design plans reviewed by agencies for implementation by the contractor during demolition and construction activities.

8. *Individually limited but cumulatively has substantial adverse effect upon the environment or involves a commitment for larger actions.*

This project would not have a substantial adverse cumulative effect on the environment as discussed in Section 5.9 nor does it commit to larger actions. There are no other known developments in the immediate area that are reasonably anticipated to be completed within the 2029 study year and contribute to a cumulative impact on the Harbor's surrounding environment or infrastructure facilities. The discussion of impacts presented within this document has provided sufficient information to assist in addressing the applicable cumulative effects associated with the project.

9. *Have a substantial adverse effect on rare, threatened, or endangered species, or their habitat.*

The project would not have a substantial adverse effect on endangered, threatened, or rare species or resources present on the property. No avian or mammalian species currently protected or proposed for protection under either the federal or State of Hawai'i endangered species programs were detected within the properties to be acquired during a biological survey conducted. Given that these properties are currently used for industrial and commercial activities, these findings are

consistent with the location and habitat character of these industrial properties. Construction of improvements using these properties should have no or minimal short-term effect on avian or mammalian species and the use of these properties supporting harbor operations should similarly have minimal long-term effect on such species. Various avoidance and minimization measures were identified in respective sections to address potential short-term and long-term effects for other species that may occur in the area. Therefore, inclusion of such measures in the design plans would ensure that the project does not have a substantial adverse effect on endangered, threatened, or rare species.

10. Have a substantial adverse effect on air or water quality or ambient noise levels.

The project should not have a substantial adverse effect on air, water quality, or ambient noise levels as discussed in respective sections of this document. Impacts associated with these factors would be limited to short-term construction activities. However, such impacts are expected to be minor and include minimization measures to address them such as with the implementation of best management practices. Construction activities would also be subject to applicable State and County regulations and permit conditions.

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

The properties proposed for acquisition and their use would not have a substantial adverse effect on environmentally sensitive areas as discussed in various sections of this document. The properties are exposed to certain hazards but are not expected to be adversely affected by natural hazards as discussed. To minimize potential damage, new structures and other site improvements would be designed and constructed in conformance with applicable State and County design standards and building codes. Most improvements would consist of site improvements for a stacking lane, ground transportation staging area, and other associated roadway improvements that would not be significantly prone to damage from such hazards.

Section 3.2 addressed the various natural hazards present along with the project's susceptibility to effects. The properties are located a sufficient distance away from the shoreline; however, the entire surrounding area is within the evacuation zone that extends up to Hilo International Airport. Therefore, the susceptibility of being damaged from a tsunami would be no different from other structures or buildings present in the surrounding area. Sea level rise was addressed that showed the properties well away from any effects of a 3-foot rise using NOAA's projected effects in this area.

The project should have minimal short- or long-term impact on potential flood hazards associated with the acquired parcels and existing Harbor facility. Demolishing some buildings and structures necessary should not be affected by current flood conditions nor would it significantly change existing flooding conditions. Other remaining structures utilized for cargo operations are already

existing and would not change flood conditions. Other new accessory improvements, such as signage and gate improvements, should have minimal effect on existing flood conditions because poles, etc. would be small and not large enough to change the overall flow and drainage conditions in the area.

12. *Have a substantial adverse effect on scenic vistas and view planes, during day or night, identified in county or state plans or studies.*

The project should not have a substantial adverse effect on visual resources, scenic vistas, coastal views, etc. as discussed in Section 4.6. There are no existing notable visual resources present on the properties that are now used for industrial and commercial activities, and no scenic viewing points are available within them either. Other industrial uses, including the Harbor, surround these properties providing no important scenic views identified in County or State plans.

13. *Require substantial energy consumption or emit substantial greenhouse gases.*

The project will not require substantial energy consumption or place increased demands on the capacity of supporting electrical facilities. The project would help alleviate traffic congestion along Kalaniana'ole Street fronting the Harbor and improve Harbor entrances. This should reduce semi-trailer idling time that would reduce emissions having a beneficial effect in reducing greenhouse gas emissions.

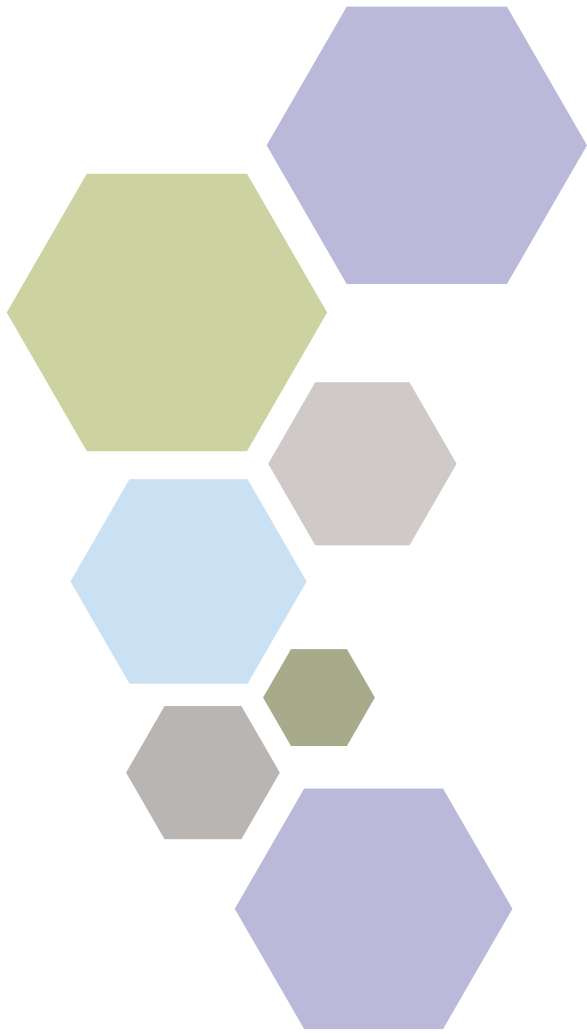
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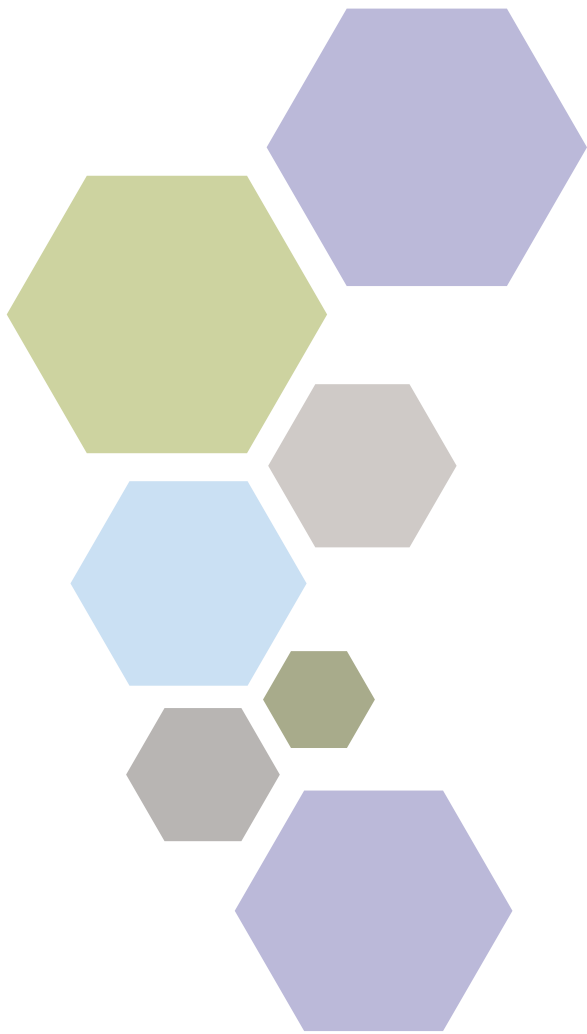
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APPENDICIES



APPENDIX A

A-1 Pre-Assessment Consultation

DAVID Y. IGE
GOVERNOR



KENNETH S. HARA
MAJOR GENERAL
ADJUTANT GENERAL

STEPHEN F. LOGAN
BRIGADIER GENERAL
DEPUTY ADJUTANT GENERAL

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

August 23, 2022

Mr. William Kucharski
Project Manager
BCH, A Bowers + Kubota Company
2153 North King Street, Suite 200
Honolulu, Hawaii 96819-4554

SUBJECT: Pre-Consultation for an Environmental Assessment
Property Acquisition for Hilo Harbor, Ahupuaa of Waiakea, Hilo Moku, Hawaii
TMK: (3) 2-1-007:004, 005, & 046; and (3) 2-1-009:003, & 004

Dear Mr. Kucharski:

Thank you for the opportunity to comment on the above project. The State of Hawaii Department of Defense has no comments to offer relative to the project.

Should there be any questions, please contact Mr. Tad T. Nakayama at 808-369-3490 or tad.t.nakayama@hawaii.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Shao Yu L. Lee".

Shao Yu L. Lee, R.A.
Captain, Hawaii National Guard
Chief Engineering Officer

June 13, 2023
2107011.00 / 23P-021

Captain Shao Yu L. Lee, R.A.
Chief Engineering Officer, Hawai'i National Guard
Office of the Adjutant General
Department of Defense
State of Hawaii
3949 Diamond Head Road
Honolulu, Hawai'i 96816-4495

Dear Mr. Lee:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 23, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project. We acknowledge that the State Department of Defense has no comments to offer at this time.

If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.

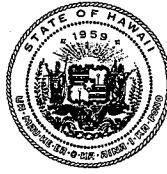


Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division





STATE OF HAWAII
DEPARTMENT OF EDUCATION

P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF FACILITIES AND OPERATIONS

August 30, 2022

William Kucharski
BCH, A Bowers + Kubota Company
2153 North King Street, Suite 200
Honolulu, Hawaii 96819

Re: Pre-Consultation for an Environmental Assessment, Hawaii Department of
Transportation Harbors Division, Property Acquisition for Hilo Harbor
Tax Map Keys: (3)2-1-007:004, 005, 046 & (3)2-1-009:003, 004
Ahupuaa of Waiakea, Hilo Moku, Hawaii

Dear Mr. Kucharski:

Thank you for your letter dated, August 4, 2022. Based on the information provided, the proposed project will not impact Hawaii State Department of Education facilities.

Thank you for the opportunity to comment. Should you have any questions, please contact Cori China of the Facilities Development Branch, Planning Section, at (808) 784-5080 or via email at cori.china@k12.hi.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy Ikeda".

Roy Ikeda
Interim Public Works Manager
Planning Section

RI:ctc

c: Facilities Development Branch

June 13, 2023
2107011.00 / 23P-022

Mr. Roy Ikeda, Interim Public Works Manager
Planning Section, Facilities Development Branch
Department of Education
State of Hawaii
P.O. Box 2360
Honolulu, Hawai'i 96804

Dear Mr. Ikeda:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 30, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project. We confirm your comment that the project would not impact State educational facilities.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers +Kubota Consulting, Inc.


Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Sep 1, 2022

BCH, A Bowers & Kubota Company
Attn: Mr. William Kurcharski
Project Manager
2153 North King Street, Suite 200
Honolulu, Hawaii 96819-4554

via email: HiloHarboEA@bowersandkubota.com

Dear Mr. Kurcharski:

SUBJECT: Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for **Hilo Harbor** located at Waiakea, Hilo, Island of Hawaii; TMKs: (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004 on behalf of Hawaii Department of Transportation Harbors Division

Thank you for the opportunity to review and comment on the subject matter. The Land Division of the Department of Land and Natural Resources (DLNR) distributed or made available a copy of your request pertaining to the subject matter to DLNR's Divisions for their review and comments.

At this time, enclosed are comments from the (a) Division of Boating & Ocean Recreation, (b) Engineering Division, (c) Division of Forestry & Wildlife, and (d) Land Division-Hawaii District on the subject matter. Should you have any questions, please feel free to contact Darlene Nakamura at (808) 587-0417 or email: darlene.k.nakamura@hawaii.gov. Thank you.

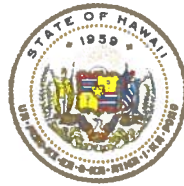
Sincerely,

Russell Tsuji

Russell Y. Tsuji
Land Administrator

Enclosures
cc: Central Files

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Aug 12, 2022

MEMORANDUM

From:
TO:

DLNR Agencies:

- Div. of Aquatic Resources (kendall.i.tucker@hawaii.gov)
- Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
- Engineering Division (DLNR.ENGR@hawaii.gov)
- Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
- Div. of State Parks
- Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands
- Land Division – Hawaii District (gordon.c.heit@hawaii.gov)

To:
FROM:

Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT:

Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for **Hilo Harbor**

LOCATION:

Waiakea, Hilo, Island of Hawaii; TMKs: (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004

APPLICANT:

Belt Collins Hawaii LLC on behalf of Hawaii Department of Transportation Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. Please submit comments by **September 1, 2022**.

If no response is received by the above date, we will assume your agency has no comments. Should you have any questions about this request, please contact Darlene Nakamura at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

- We have no objections.
- We have no comments.
- We have no additional comments.
- Comments are included/attached.

Signed:

Richard Howard

Print Name:

Richard Howard

Division:

Boating and Ocean Recreation

Date:

8/15/2022

Attachments

cc: Central Files



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Aug 12, 2022

MEMORANDUM

FROM: ~~TO:~~

DLNR Agencies:

- Div. of Aquatic Resources (kendall.i.tucker@hawaii.gov)
- Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
- Engineering Division** (DLNR.ENGR@hawaii.gov)
- Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
- Div. of State Parks
- Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands
- Land Division – Hawaii District (gordon.c.heit@hawaii.gov)

TO: ~~FROM:~~

Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT:

Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for **Hilo Harbor**

LOCATION:

Waiakea, Hilo, Island of Hawaii; TMKs: (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004

APPLICANT:

Belt Collins Hawaii LLC on behalf of Hawaii Department of Transportation Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. Please submit comments by **September 1, 2022**.

If no response is received by the above date, we will assume your agency has no comments. Should you have any questions about this request, please contact Darlene Nakamura at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

- We have no objections.
- We have no comments.
- We have no additional comments.
- Comments are included/attached.

Signed:

Print Name:

Carty S. Chang, Chief Engineer

Division:

Engineering Division

Date:

Aug 30, 2022

Attachments

cc: Central Files

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LD/Russell Y. Tsuji

Ref: Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for Hilo Harbor
Location: Waiakea, Hilo, Island of Hawaii
TMK(s): (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004
Applicant: Belt Collins Hawaii LLC on behalf of Hawaii Department of Transportation Harbors Division

COMMENTS

The rules and regulations of the National Flood Insurance Program (NFIP), Title 44 of the Code of Federal Regulations (44CFR), are in effect when development falls within a Special Flood Hazard Area (high-risk areas). State projects are required to comply with 44CFR regulations as stipulated in Section 60.12. Be advised that 44CFR, Chapter 1, Subchapter B, part 60 reflects the minimum standards as set forth by the NFIP. Local community flood ordinances may stipulate higher standards that can be more restrictive and would take precedence over the minimum NFIP standards.

The owner of the project property and/or their representative is responsible to research the Flood Hazard Zone designation for the project. Flood Hazard Zones are designated on FEMA's Flood Insurance Rate Maps (FIRM). The official FIRMs can be accessed through FEMA's Map Service Center (msc.fema.gov). Our Flood Hazard Assessment Tool (FHAT) (<http://gis.hawaiiifip.org/FHAT>) could also be used to research flood hazard information.

If there are questions regarding the local flood ordinances, please contact the applicable County NFIP coordinating agency below:

- o Oahu: City and County of Honolulu, Department of Planning and Permitting (808) 768-8098.
- o Hawaii Island: County of Hawaii, Department of Public Works (808) 961-8327.
- o Maui/Molokai/Lanai County of Maui, Department of Planning (808) 270-7139.
- o Kauai: County of Kauai, Department of Public Works (808) 241-4896.

The applicant should include water demands and infrastructure required to meet project needs. Please note that all State projects requiring water service from their local Department/Board of Water Supply system will be required to pay a resource development charge, in addition to Water Facilities Charges for transmission and daily storage.

The applicant is required to provide water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update projections.

Signed: _____



CARTY S. CHANG, CHIEF ENGINEER

Date: _____

Aug 30, 2022



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Aug 12, 2022

MEMORANDUM

TO: **DLNR Agencies:**
 Div. of Aquatic Resources (kendall.i.tucker@hawaii.gov)
 Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
 Engineering Division (DLNR.ENGR@hawaii.gov)
 Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
 Div. of State Parks
 Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
 Office of Conservation & Coastal Lands
 Land Division – Hawaii District (gordon.c.heit@hawaii.gov)

FROM: Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT: Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for **Hilo Harbor**

LOCATION: Waiakea, Hilo, Island of Hawaii; TMKs: (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004

APPLICANT: Belt Collins Hawaii LLC on behalf of Hawaii Department of Transportation Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. Please submit comments by **September 1, 2022**.

If no response is received by the above date, we will assume your agency has no comments. Should you have any questions about this request, please contact Darlene Nakamura at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

() We have no objections.
 () We have no comments.
 () We have no additional comments.
 Comments are included/attached.

Signed: *Lainie Berry*
 Print Name: LAINIE BERRY, Wildlife Program Mgr.
 Division: Division of Forestry and Wildlife
 Date: Aug 30, 2022

Attachments
cc: Central Files



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF FORESTRY AND WILDLIFE
1151 PUNCHBOWL STREET, ROOM 325
HONOLULU, HAWAII 96813

August 30, 2022

MEMORANDUM

Log no. 3875

TO: RUSSELL Y. TSUJI, Land Administrator
Land Division

FROM: LAINIE BERRY, Wildlife Program Manager
Division of Forestry and Wildlife

SUBJECT: **Division of Forestry and Wildlife Comments for a Pre-Consultation Request for an Environmental Assessment (EA) for the Hawaii Department of Transportation Harbors Division's (HDOH) Property Acquisition for the Hilo Harbor on Hawai'i Island**

The Department of Land and Natural Resources, Division of Forestry and Wildlife (DOFAW) has received your pre-consultation request on an EA regarding HDOH's property land acquisition of five privately-owned parcels encompassing approximately 10 acres adjacent to Hilo Harbor, on the island of Hawai'i; TMKs: (3) 2-1-007: 004, 2-1-007: 005, 2-1-007: 046; and (3) 2-1-009: 003 and 2-1-009: 004. The proposed project consists of acquiring the five parcels to improve HDOH's internal operational efficiency and address access and traffic control issues on roadways by providing more internal space, creating new harbor entry points, and internal stacking and merge lanes within the harbor boundaries for cargo trucks that enter and exit the project site. To accommodate the project design, it is anticipated the existing structures within the project site will be demolished and removed.

The State listed Hawaiian Hoary Bat or 'Ōpe'ape'a (*Lasiurus cinereus semotus*) could potentially occur at or in the vicinity of the project and may roost in nearby trees. Any required site clearing should be timed to avoid disturbance to bats during their birthing and pup rearing season (June 1 through September 15). During this period woody plants greater than 15 feet (4.6 meters) tall should not be disturbed, removed, or trimmed. Barbed wire should also be avoided for any construction because bats can become ensnared and killed by such fencing material during flight.

Artificial lighting can adversely impact seabirds that may pass through the area at night by causing them to become disoriented. This disorientation can result in their collision with manmade structures or the grounding of birds. It is DOFAW's stance that **permanent lighting would pose a very high risk of seabird attraction on the proposed stretch of road**. New highway lights, therefore, should not be installed in this area to protect seabird flyways and preserve the night sky. For nighttime work that might be required, DOFAW recommends that all lights used to be fully

shielded to minimize the attraction of seabirds. Nighttime work that requires outdoor lighting should be avoided during the seabird fledging season from September 15 through December 15. This is the period when young seabirds take their maiden voyage to the open sea. For illustrations and guidance related to seabird-friendly light styles that also protect seabirds and the dark starry skies of Hawai'i please visit <https://dlnr.hawaii.gov/wildlife/files/2016/03/DOC439.pdf>.

State-listed waterbirds such as the Hawaiian stilt (*Himantopus mexicanus knudseni*), Hawaiian coot (*Fulica alai*), Hawaiian Duck (*Anas wyvilliana*), and Hawaiian Goose (*Branta sandvicensis*) could potentially occur at or in the vicinity of the proposed project site. It is against State law to harm or harass these species. If any of these species are present during construction, then all activities within 100 feet (30 meters) should cease, and the bird or birds should not be approached. Work may continue after the bird or birds leave the area of their own accord. If a nest is discovered at any point, please contact the Hawai'i Island Branch DOFAW Office at (808) 974-4221.

The State listed Hawaiian Hawk or 'Io (*Buteo solitarius*) may occur in the project vicinity. DOFAW recommends surveying the area to ensure no Hawaiian Hawk nests are present if trees are to be cut. 'Io nests may be present during the breeding season from March to September.

The State endangered Hawaiian Monk Seal (*Monachus schauinslandi*) and threatened Green Sea Turtle (*Chelonia mydas*) could potentially occur or haul out onshore within the vicinity of the proposed project site. If either species is detected within 100 meters of the project area all nearby construction operations should cease and not continue until the focal animal has departed the area on its own accord.

DOFAW recommends minimizing the movement of plant or soil material between worksites. Soil and plant material may contain invasive fungal pathogens (e.g., Rapid 'Ōhi'a Death), vertebrate and invertebrate pests (e.g., Little Fire Ants, Coconut Rhinoceros Beetles), or invasive plant parts that could harm our native species and ecosystems. We recommend consulting the Big Island Invasive Species Committee (BIISC) at (808) 933-3340 to help plan, design, and construct the project, learn of any high-risk invasive species in the area, and ways to mitigate their spread. All equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species.

We appreciate your efforts to work with our office for the conservation of our native species. These comments are general guidelines and should not be considered comprehensive for this site or project. It is the responsibility of the applicant to do their own due diligence to avoid any negative environmental impacts. Should the scope of the project change significantly, or should it become apparent that threatened or endangered species may be impacted, please contact our staff as soon as possible. If you have any questions, please contact Paul Radley, Protected Species Habitat Conservation Planning Coordinator at (808) 295-1123 or paul.m.radley@hawaii.gov.

Sincerely,

Lainie Berry

LAINIE BERRY
Wildlife Program Manager

8/25/22

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Aug 12, 2022

MEMORANDUM

TO: **DLNR Agencies:**
 Div. of Aquatic Resources (kendall.i.tucker@hawaii.gov)
 Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
 Engineering Division (DLNR.ENGR@hawaii.gov)
 Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
 Div. of State Parks
 Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
 Office of Conservation & Coastal Lands
 Land Division – Hawaii District (gordon.c.heit@hawaii.gov)

FROM: Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT: Pre-Consultation for an EA for Hawaii Department of Transportation Harbors Division – Property Acquisition for **Hilo Harbor**

LOCATION: Waiakea, Hilo, Island of Hawaii; TMKs: (3) 2-1-007: 004, 005, and 046; and (3) 2-1-009: 003 and 004

APPLICANT: Belt Collins Hawaii LLC on behalf of Hawaii Department of Transportation Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. Please submit comments by **September 1, 2022**.

If no response is received by the above date, we will assume your agency has no comments. Should you have any questions about this request, please contact Darlene Nakamura at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

() We have no objections.
 () We have no comments.
 () We have no additional comments.
 (✓) Comments are included/attached.

Signed:
 Print Name: GORDON C. HEIT
 Division: Land Division
 Date: 8/23/22

Attachments
cc: Central Files

DAVID Y. IGE
GOVERNOR OF HAWAII



SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT


STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

75 Aupuni Street, Room 204
Hilo, Hawaii 96720
PHONE: (808) 961-9590
FAX: (808) 961-9599

August 23, 2022

MEMORANDUM

TO: Russell Y. Tsuji, Administrator

FROM: Gordon C. Heit, Hawaii District Land Agent 

SUBJECT: Pre-Assessment Consultation for an Environmental Assessment - Proposed Property Acquisition for Hilo Harbor

LOCATION: Waiakea, South Hilo, Island of Hawaii,
TMK: (3) 2-1-007:004, 005, 046 & (3) 2-1-009:003, 004

APPLICANT: Belt Collins Hawaii LLC for the State of Hawaii, Department of Transportation (HDOT), Harbors Division

The Hawaii District Land Office has no objection to the proposed acquisition by HDOT Harbors Division of the above identified properties as outlined in the Pre-Assessment Project Summary. The Land Division will provide further comments when the Draft Environmental Assessment is available for review.

Please contact me should you have any questions.

June 13, 2023
2107011.00 / 23P-024

Mr. Russell Y. Tsuji, Land Administrator
Land Division
Department of Land and Natural Resources
State of Hawai'i
P.O. Box 621
Honolulu, Hawai'i 96809

Dear Mr. Tsuji:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i**

Thank you for the September 1, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project. We have the following responses to the comments separated by divisions.

Division of Boating and Ocean Recreation

We confirm your comment that this division has no objections to this project.

Engineering Division

Thank you for providing information on the federal regulations concerning special flood hazards areas, and the distinction between federal and local community flood ordinances.

The flood hazard zone designations of the properties proposed for acquisition along with the existing Hilo Harbor facility has been researched and are discussed in the Draft Environmental Assessment (Draft EA). The Flood Insurance Rate Map and the state's Flood Hazard Assessment Tool were used to help identify existing flood designations.

Project improvements should not negatively affect existing water demand since several buildings and other structures within the acquired properties would be cleared to create a stacking lane for semi-trailers and staging area for ground transportation vehicles to improve harbor access. Such changes would actually reduce existing water demand generated from industrial and commercial activities now occurring on these properties. Water demand and infrastructure has been addressed in the Draft EA. The actual water demands and calculations would be provided to the Engineering Division during the project's design phase when plans are being developed.

Division of Forestry and Wildlife

Thank you for the comments and information on endangered species to be considered. A biological study has been conducted to assess the project's effect on avifauna and mammalian resources. The study's results have been incorporated in the Draft EA and the report is included in the Appendices. This report addressed the potential of the Hawaiian Hoary Bat being present in the area and identified those measures identified in your letter to avoid impacting this species. There



are few woody plants 15 feet or taller on the properties proposed for acquisition, but their removal should be able to be scheduled outside of the pup rearing season.

The biological study also addressed the presence of seabirds that may occur in the area. No new streetlights are planned along Kalaniana'ole Street and no nighttime construction is anticipated. If any outdoor lights are required, they will be shielded to minimize the attraction of seabirds as recommended in the comments. The guidance identified related to seabird-friendly light styles would also be utilized during the project's design phase as construction plans are developed.

No state-listed waterbirds were identified on the properties proposed for acquisition or in the immediate vicinity. There is no suitable habitat for such waterbirds since these developed properties are currently used for industrial and commercial activities. However, if any such waterbird species are present during construction, the minimization measures identified to avoid effects would apply.

The State-listed Hawaiian Hawk identified may be present in the project area, however, the properties proposed for acquisition do not provide suitable habitat for this species. Nevertheless, the few trees present on the properties can be examined prior to construction activities involving their removal if this occurs during their breeding season from March to September.

The State endangered Hawaiian Monk Seal and threatened Green Sea Turtle do not haul out within the properties proposed for acquisition. These parcels are currently used for industrial and commercial activities within a busy industrialized area and are located a considerable distance away from the shoreline. Therefore, the project would not impact these species.

Construction activities would try to minimize the movement of plant or soil material between worksites due to the potential for invasive fungal pathogens or pests being present. The design phase would consider consulting with the Big Island Invasive Species Committee to help identify measures to minimize the spread of these pathogens or pests, as appropriate. Best management practices incorporated in design plans would also address cleaning equipment and personnel of excess soil and debris to minimize the risk of spreading invasive species.

We appreciate your division's comments and the project's design would include necessary efforts to support the conservation of native species. We confirm that your comments are general guidelines and should not be considered comprehensive for this project site or project. The State Department of Transportation, Harbors Division will conduct their own due diligence as part of this environmental review phase and future design phase to avoid and minimize negative environmental impacts.

Land Division – Hawai'i District

We confirm your comment that this division has no objections to the proposed acquisition of properties under this project. A copy of the Draft EA will be provided to your division for review when published.

Mr. Russel Y. Tsuji
June 13, 2023 / 23P-023
Page 3

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.

A handwritten signature in black ink, appearing to read "R A Sato".

Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division

DAVID Y. IGE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JADE T. BUTAY
DIRECTOR

Deputy Directors
ROSS M. HIGASHI
EDUARDO P. MANGLALLAN
EDWIN H. SNIFFEN

IN REPLY REFER TO:
HWY-2962
HWY-H 22-2.0085

August 16, 2022

VIA EMAIL: HiloHarborEA@bowersandkubota.com

Belt Collins Hawaii LLC
A Bowers + Kubota Company
2153 North King Street, Suite 200
Honolulu, Hawaii 96819-4554

Attention: Mr. William Kurcharski

Dear Mr. Kurcharski:

Subject: Pre-Consultation for an Environmental Assessment
Hawaii Department of Transportation, Harbors Division
Property Acquisition for Hilo Harbor
Tax Map Key: (3)2-1-007:004, 005, 046 & (3)2-1-009:003, 004
Ahupuaa of Waiakea, Hilo Moku, Hawaii

Thank you for your letter of August 4, 2022, informing us of the proposed assessment.

The project proposes the acquisition of property to increase operational efficiency and address traffic issues within and on the adjacent County and State highways.

Please include a Traffic Impact Analysis Report which will comply with Hawaii Revised Statutes §264-20.5 Complete streets to address vehicular, pedestrian, bicycle, and other modes of mobility, copy attached.

We recommend that additional outreach to the nearby Keaukaha community, adjacent transportation companies, tourism agencies, and cruise ship supported businesses be made.

If you have any questions, please contact Mr. Harry Takiue, Hawaii District Engineer, Highways Division, Hawaii District Office at (808) 933-8866 or by email at harry.h.takiue@hawaii.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Sergio".

SERGIO GEORGE G. ABCEDE
Highways Administrator

Attachment

June 13, 2023
2107011.00 / 23P-023

Mr. Sergio George G. Abcede, Highways Administrator
Highways Division
Department of Transportation
State of Hawaii
869 Punchbowl Street
Honolulu, Hawai'i 96813-5097

Dear Mr. Abcede:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 16, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

A transportation report will be included in the Draft Environmental Assessment (Draft EA) that will address complete streets considerations. Outreach to the nearby Keaukaha community and other harbor related businesses has also been conducted by similarly sending them pre-assessment consultation letters. A community meeting will also be held after publication of the Draft EA to allow the public to receive more information on the project.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



Ronald A. Sato, AICP
Sr. Project Manager

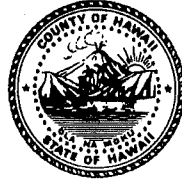
RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Mitchell D. Roth
Mayor

Lee Lord
Managing Director



Ramzi I. Mansour
Director

Brenda Iokepa-Moses
Deputy Director

County of Hawai'i

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

345 Kekūanāo'a Street, Suite 41 · Hilo, Hawai'i 96720 · cohdem@hawaiicounty.gov

Ph: (808) 961-8083 · Fax: (808) 961-8086

MEMORANDUM

DATE: August 12, 2022
TO: BCH, A Bowers + Kubota Company
Attn: William Kucharski
2153 N. King Street, Suite 200
Honolulu, Hi 96819-4554
Email: HiloHarboEA@bowersandkubota.com
FROM: Brenda Iokepa-Moses, Deputy Director *Brenda O. Iokepa-Moses*
Department of Environmental Management
SUBJECT: Pre-Consultation for an Environmental Assessment – Hawai'i Department of Transportation, Harbors Division – Property Acquisition for Hilo Harbor Tax Map Keys (3) 2-1-:007:004, 005, 046; and (3) 2-1-009:003, 004 Ahupua'a of Waiākea, Hilo Moku, Hawai'i

The County of Hawai'i Department of Environmental Management, having received your pre-consultation for an environmental assessment on the above-referenced subject matter, offers the following comments:

As you know, the County completed the final closure of the South Hilo Sanitary Landfill in 2020. Since then, the County has been long hauling the Municipal Solid Waste (MSW) to the West Hawai'i Sanitary Landfill. Depending on the timing of your project, we may have to accelerate the construction of new cell(s). We would be very interested in having detailed discussions with your firm and DOT-Harbors to make sure that the County is prepared to accept the MSW and construction and demolition generated by the project. Please contact Gene Quiamas at 808 961 8058, email gene.quiamas@hawaiicounty.gov, to start the dialogue.

Regarding wastewater treatment, if the structures facing demolition will not be replaced with new bathroom fixtures, the location of the sewer laterals will need to be recorded, and the laterals will need to be plugged. If, on the other hand, new structures with bathroom fixtures will be rebuilt on any of the subject parcels following demolition and removal, connection to the sanitary sewer system will be required pursuant to Section 21-5 of the Hawai'i County Code.

Please contact the Solid Waste Division or the Wastewater Division if you wish to discuss these comments further. Thank you for the opportunity to provide remarks in the Pre-Consultation phase.

BIM/ps

June 13, 2023
2107011.00 / 23P-025

Ms. Brenda Iokepa-Moses, Deputy Director
Department of Environmental Management
County of Hawai'i
345 Kekūanāo'a Street, Suite 41
Hilo, Hawai'i 96720

Dear Ms. Iokepa-Moses:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 12, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We appreciate the information on the County's sanitary landfills and the current hauling of municipal solid waste to the West Hawai'i Sanitary Landfill. The Draft Environmental Assessment (Draft EA) has information on the projected phasing and timeframes before construction would occur. Your department would be consulted as part of the design phase to coordinate the estimated timing when actual demolition and construction activities could occur. This would support the County's efforts in determining if or when constructing new cells at the sanitary landfill may be required.

At this time, it is not anticipated that structures demolished would need to be replaced with new bathroom fixtures. Structures would be demolished to create open paved areas to support a new stacking lane for semi-trailers, a ground transportation staging area, and other roadway improvements. Other existing structures may be reused for providing shelter for cargo handling operations. The specific structures to be demolished or reused for cargo operations would be determined during the project's design phase.

Existing sewer laterals that are not required with the improvements would be located and plugged under the design plans developed. If new structures with bathroom fixtures are required, the connection to the County's existing sewer system will be designed in accordance with the Hawai'i County Code. The Wastewater Division would be contacted during the design phase to coordinate on improvement plans developed as appropriate.



Ms. Brenda Iokepa - Moses

June 13, 2023 / 23P-025

Page 2

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc

A handwritten signature in black ink, appearing to read "R A Sato".

Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division

Ronald Sato

From: Laude, Christopher <Christopher.Laude@hawaiicounty.gov>
Sent: Friday, September 2, 2022 3:15 PM
To: HiloHarborEA
Cc: Jamie Tang; Michael A. Lum; Beck, Dora
Subject: [External] RE: Wastewater As Built Request - Hilo Harbors
Attachments: hilo harbor acquisition parcesl.pdf

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Aloha William Kucharski:

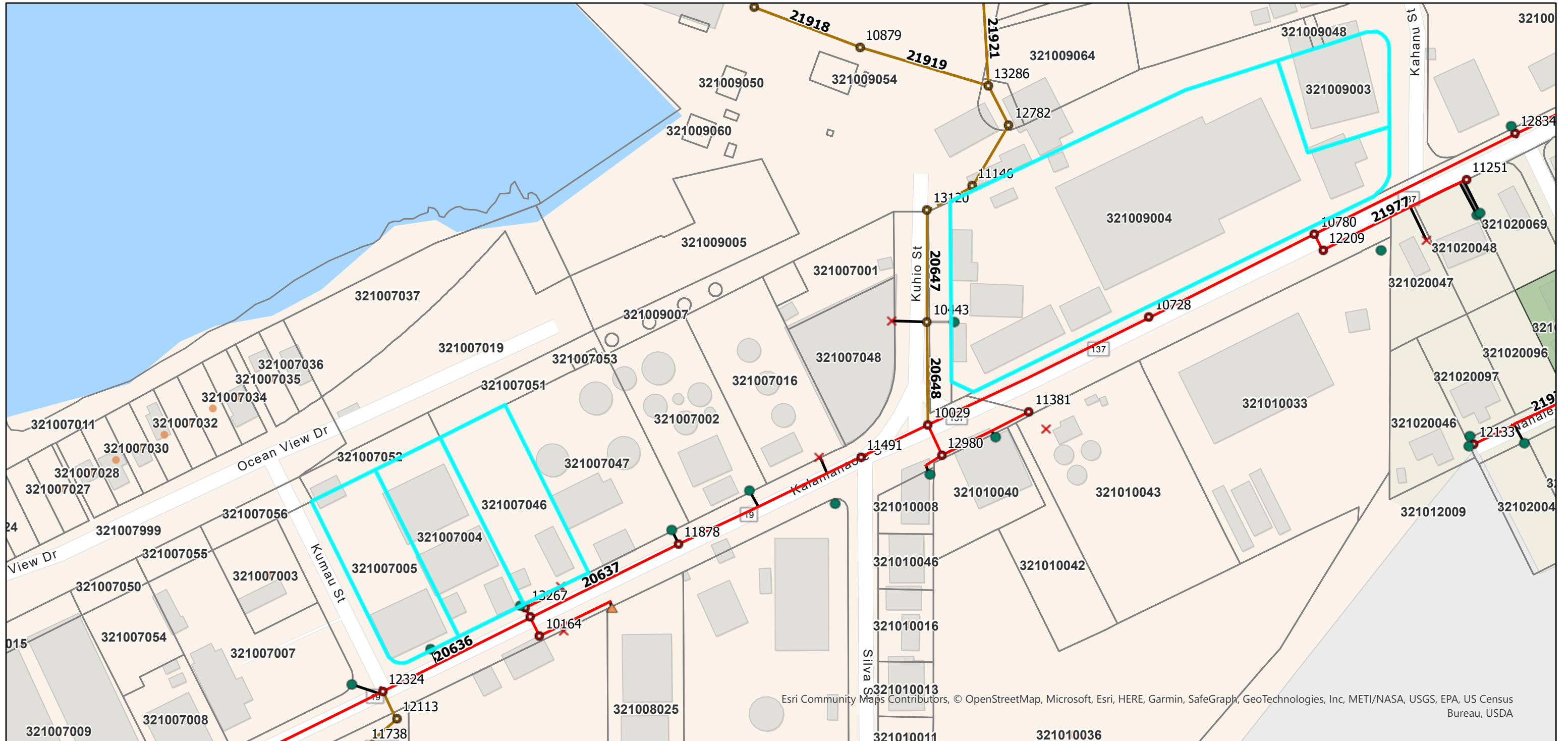
We received your letter of August 29, 2022 requesting comments on the subject matter. We understand you sent a similar request on August 4, 2022.

Mike Lum of your Hilo office asked me to discuss the subject project with Jamie Tang (not sure what B+K office). I understand from Mike and Jamie that your client wishes to purchase some parcels near the Hilo Harbor. Based on my discussions with Jamie, I provided the attached map from our GIS to Jamie that shows the parcels under consideration. I also provided as-built plans for the sewer lines in this area to Jamie. Please see the email chain below for dates and details.

This is the total extent of our knowledge of this project – that your client wishes to purchase some parcels. Because we lack any information beyond this, like plans, or a narrative of proposed development, or anything related to our sewer system, we are unable to provide comments at this time. If there is something specific you would like us to comment on, please provide detailed, actionable information. If you have plans and/or specifications, please submit them at your earliest convenience, and we will review them promptly.

-Chris

Land Acquisition Parcels

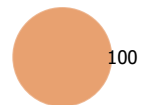
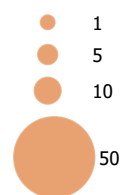


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Wastewater Staff

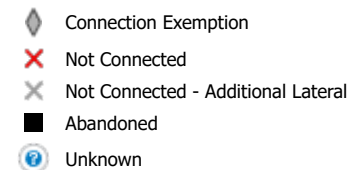
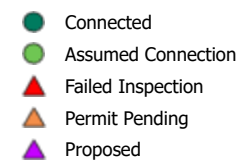
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Scale: 1:2,257

Cesspools

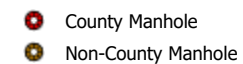
CLASS_IV



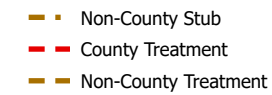
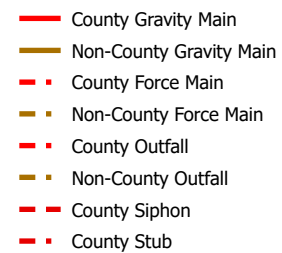
Service Connections



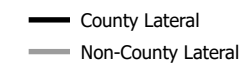
Manholes



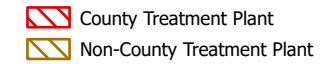
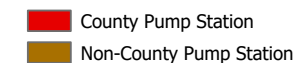
Sewer Mains



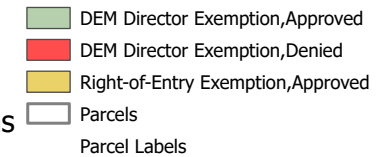
Sewer Laterals



Treatment Plants and Pump Stations



Exemptions



Disclaimer: Data provided and maintained by the Hawaii County Wastewater Division are subject to change at any time. The County of Hawaii does not guarantee the positional or thematic accuracy of the GIS data.



June 13, 2023
2107011.00 / 23P-026

Via Email: Christopher.Laude@hawaiicounty.gov

Mr. Christopher Laude
Department of Environmental Management
County of Hawai'i
345 Kekūanāo'a Street, Suite 41
Hilo, Hawai'i 96720

Dear Mr. Laude:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the September 2, 2022, email providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We appreciate your coordinating with our staff to provide GIS information along with providing as-built plans for existing sewer lines to this project area. We understand you couldn't provide further comments on the County's sewer system since you didn't have other project details and information. A copy of the Draft Environmental Assessment will be provided to your department for review when published.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



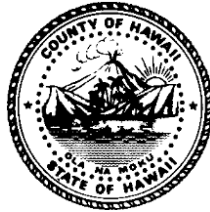
Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Mitchell D. Roth
Mayor



Stephen M. Pause, P.E.
Director

Lee E. Lord
Managing Director

County of Hawai'i
DEPARTMENT OF PUBLIC WORKS
Aupuni Center

101 Pauahi Street, Suite 7 · Hilo, Hawai'i 96720-4224
(808) 961-8321 · Fax (808) 961-8630
public_works@hawaiicounty.gov

OCTOBER 10, 2022

ATTN: WILLIAM KUCHARSKI
BCH, A BOWERS + KUBITA COMPANY
2153 NORTH KING STREET, SUITE 200
HONOLULU, HAWAII 96819-4554
(via email to HiloHarborEA@bowersandkubota.com)

SUBJECT: PRE-CONSULTATION FOR AN ENVIRONMENTAL ASSESSMENT
HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION
PROPERTY ACQUISITION FOR HILO HARBOR
HILO, ISLAND OF HAWAII
TMK: (3) 2-1-007:004, 005, & 046 & (3) 2-1-009:003, 004

We received the subject request on September 16 and have the following comments:

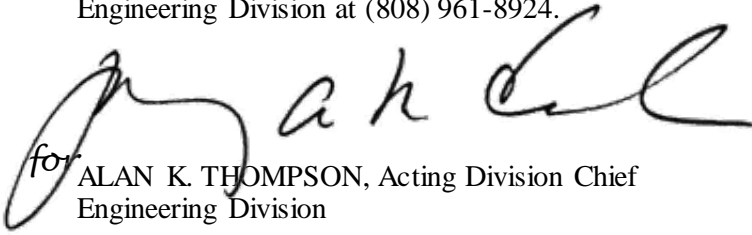
The subject parcels are in areas designated as Flood Zone X, AE, and VE on the Flood Insurance Rate Map (FIRM) by the Federal Emergency Management Agency (FEMA).

- Zone X is an area determined to be outside the 500-year floodplain.
- Flood Zone AE is the Special Flood Hazard Area inundated by the 100-year flood (1% chance of occurring in any given year) with Base Flood Elevations determined.
- Flood Zone VE is the Special Flood Hazard Area inundated by the 100-year coastal flood (1% chance of occurring in any given year) with velocity hazard (wave action) with Base Flood Elevations determined.
- All construction within Flood Zones AE and VE shall comply with Chapter 27, Floodplain Management, of the Hawaii County Code.

All development-generated runoff shall be disposed of on site and not directed toward any adjacent properties. A drainage study shall be prepared and the recommended drainage system shall be constructed meeting the approval of the Department of Public Works.

All activities shall comply with the requirements of Hawaii County Code (HCC), Chapter 10, Erosion and Sedimentary Control.

Should there be any questions concerning this matter, please contact Ms. Robyn Matsumoto in our Engineering Division at (808) 961-8924.



for ALAN K. THOMPSON, Acting Division Chief
Engineering Division

RM

June 13, 2023
2107011.00 / 23P-027

Mr. Alan K. Thompson, Acting Division Chief
Engineering Division
Department of Public Works
County of Hawai'i
101 Pauahi Street, Suite 7
Hilo, Hawai'i 96720-4224

Dear Mr. Laude:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the October 10, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We appreciate the information on the various flood zones present within these parcels and surrounding area. The flood hazard zone designations of the properties proposed for acquisition along with the existing Hilo Harbor facility have been researched and are addressed in the Draft Environmental Assessment (Draft EA). The Flood Insurance Rate Map and the state's Flood Hazard Assessment Tool were used to identify existing flood designations. The design plans developed for improvements within these flood zones would comply with Chapter 27 of the Hawai'i County Code.

With the State's acquisition of the proposed properties, they would become part of the Hilo Harbor property and facility. Development-generated runoff from the project would be designed to be disposed of within this harbor facility and not directed toward adjacent properties. A drainage study would be conducted as part of the project's design phase and drainage improvements would be coordinated with your department for review.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



**HAWAII FIRE DEPARTMENT . COUNTY OF HAWAII .
HILO, HAWAII 96720**

DATE August 9, 2022

Memorandum

TO : WILLIAM KUCHARSKI, PROJECT MANAGER, HILO HARBOR
FROM : CAPTAIN CLINTON BAYBAYAN, FIRE PREVENTION BUREAU
SUBJECT: **PROPERTY ACQUISITION FOR HILO HARBOR**

In regards to the above mentioned project, Fire Department Access and Water Supply shall comply with Chapter 18 of the 2018 Hawaii State Fire Code and Chapter 26 of the Hawaii County Code. For any questions please email Clinton.Baybayan@hawaiicounty.gov or call 808-323-4761.

Respectfully Submitted,



Clinton Baybayan
Fire Prevention Captain
Fire Prevention Branch
Hawaii Fire Department

June 13, 2023
2107011.00 / 23P-028

Captain Clinton Baybayan, Fire Prevention Captain
Fire Prevention Branch
Hawai'i Fire Department
County of Hawai'i
25 Aupuni Street, Suite 2501
Hilo, Hawai'i 96720

Dear Captain Baybayan:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 9, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We confirm that any Fire Department access and water supply improvements required for the project would comply with Chapter 18 of the Hawai'i State Fire Code and Chapter 26 of the Hawai'i County Code. At this time, it is not anticipated that fire access and water supply would be required for improvements. Existing structures would be demolished to create open paved areas to support a new stacking lane for semi-trailers, a ground transportation staging area, and other roadway improvements. Other existing structures may be reused for providing shelter for cargo handling operations. The specific structures to be demolished or reused for cargo operations would be determined during the project's design phase.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



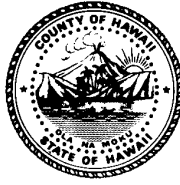
Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Mitchell D. Roth
Mayor



John C. Andoh
Mass Transit
Administrator

County of Hawai'i Mass Transit Agency

HILO: 25 Aupuni Street • Hilo, Hawai'i 96720 • (808) 961-8744 • Fax (808) 961-8745
KAILUA-KONA: 74-5044 Ane Keohokalole Hwy., Bldg D • Kailua-Kona, Hawai'i 96740 • (808) 323-4330
www.heleonbus.org • heleonbus@hawaiicounty.gov

September 23, 2022

BCH, A Bowers + Kubota Company
Attn: William Kucharski
2153 N. King Street, Suite 200
Honolulu, HI 96819-4554

Sent via e-mail to: HiloHarborEA@bowersandkubota.com

SUBJECT: Emergency Procurement Paratransit Services

Aloha Mr. Kucharaski,

I am submitting this correspondence requesting that as part of the Hilo Harbor Property Acquisition Project, that a bus stop is considered as part of the project which includes a sidewalk, bus shelter, solar lighting panel, map case, pole, bus stop sign and bench.

The bus stop should be constructed on Kalanianaloe Street near Silva Street. The bus stop would be used by passengers coming off cruise ships.

You may reach me at 808.961.8555 or email john.andoh@hawaiicounty.gov with any questions or comments.

Mahalo,

John Andoh, Mass Transit Administrator & General Manager

cc: Purchasing

June 13, 2023
2107011.00 / 23P-029

Mr. John C. Andoh, Mass Transit Administrator
Mass Transit Agency
County of Hawai'i
25 Aupuni Street
Hilo, Hawai'i 96720

Dear Mr. Andoh:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 9, 2022, letter providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We appreciate the request for a bus stop to be considered as part of this project at a location proposed on Kalaniana'ole Street near Silva Street. We understand that an existing bus stop is located there now at the Keaukaha Market which runs daily with stops about every hour. Thus, improving this bus stop by providing a shelter, solar lighting panel, signage and map case would be evaluated since it could be used by cruise ship passengers. A ground transportation staging area is planned at the intersection with Kūhiō Street. Therefore, potentially relocating the bus stop at Keaukaha Market would be evaluated for its feasibility.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Ronald Sato

From: Roy, Alex <Alex.Roy@hawaiicounty.gov>
Sent: Tuesday, August 23, 2022 3:33 PM
To: HiloHarborEA
Subject: FW: [External] Hilo Harbor Project - COH Planning Dept. review

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Resent.

Email you provided in letter is hiloharboea@bowersandkubota.com which keeps getting returned. So, I am trying this one hiloharborea@bowersandkubota.com

Please let me know you received this email.

Thank you,

*Alex J. Roy, [M.Sc.](#)
County of Hawai`i
Planning Department
Planner VI (SMA)*

From: Roy, Alex
Sent: Tuesday, August 23, 2022 3:09 PM
To: HiloHarboEA@bowersandkubota.com
Subject: Hilo Harbor Project - COH Planning Dept. review

William,

This email is in response to your DEA pre-consult request for the Hilo Harbor Project.

We offer no comments at this time, however, a SMA assessment may be required. I believe it is most likely covered under the previously approved SMA major or will be considered an exempt action.

The Planning Department would also like to review/comment on the DEA once submitted to OPSD (OEQC) – please include us.

If you have any questions, please contact me directly.

Thank you,

*Alex J. Roy, [M.Sc.](#)
County of Hawai`i
Planning Department
Planner VI (SMA)*

June 13, 2023
2107011.00 / 23P-030

Via Email: Alex.Roy@hawaiicounty.gov

Mr. Alex J. Roy, Planner
Planning Department
County of Hawai'i
101 Pauahi Street, Suite 3
Hilo, Hawai'i 96720

Dear Mr. Roy:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 23, 2022, email providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We note that your department had no comments to offer at that time. The County's Special Management Area (SMA) requirements are addressed in the Draft Environmental Assessment. We note that under §266-2(7)(b), HRS, the State Department of Transportation, Harbors Division is permitted to construct, operate and maintain any commercial harbor facility without approval of County agencies. Therefore, a SMA Use permit would not be applicable for the project's improvements. A copy of the Draft Environmental Assessment will be provided to your department for review when published as requested.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,

Bowers + Kubota Consulting, Inc.



Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Ronald Sato

From: Valdez, Jessica <Jessica.Valdez@hawaiicounty.gov> on behalf of Lee Loy, Sue <Sue.LeeLoy@hawaiicounty.gov>
Sent: Thursday, August 11, 2022 4:51 PM
To: HiloHarborEA
Cc: Ogata, Shelly; Valdez, Jessica
Subject: [External] Request for Meeting

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Aloha,

If possible, Hawai'i County Council Member Lee Loy would like to schedule Zoom meeting to discuss the Environmental Assessment regarding the Hilo Harbor project. Please see her availability below:

- Thursday, 8/18 10 AM – 12 PM
- Monday, 8/22 10 AM – 4:30 PM
- Tuesday, 8/23 10 AM – 4:30 PM
- Wednesday, 8/24 10 AM – 4:30 PM

If more options are needed, please let me know.

Mahalo nui loa,

Jessica Valdez
Council Aide for CM Lee Loy
Ph. 808-961-8396

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.

June 13, 2023
2107011.00 / 23P-031

Via Email: sue.leeloy@hawaiiicounty.gov

Ms. Sue L.K. Lee Loy, Council Member District 3
County Council
County of Hawai'i
25 Aupuni Street
Hilo, Hawai'i 96720

Dear Council Member Lee Loy:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 11, 2022, email asking for a meeting to brief you on the project as part of the pre-assessment consultation process associated with the preparation of an Environmental Assessment for the subject project.

We understand that an online meeting was scheduled and held with you and your staff person on September 1, 2022 to brief you on the project. We appreciate you taking the time from your schedule to meet on this project. A copy of the Draft Environmental Assessment will be provided to you for review when published.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.


Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Ronald Sato

From: Michael Ignacio <Michael.Ignacio@hawaiiantel.com>
Sent: Wednesday, September 7, 2022 10:49 AM
To: Greg Kawachi; HiloHarborEA
Cc: HT-Plan Reviews; Gerry Sagucio
Subject: RE: [External] Pre-Consultation for an Environmental Assessment - Property Acquisition for Hilo Harbor

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Thank you for the letter about your plan to expand the Hilo Harbor.

Please notify Hawaiian Telcom if any of our facilities need to be removed or relocated in the new area acquired.

Thank You

Michael Ignacio

Access Engineer – East Hawaii.

Hawaiian Telcom

O: 808.747-8704 michael.ignacio@hawaiiantel.com



From: Greg Kawachi <Greg.Kawachi@hawaiiantel.com>
Sent: Thursday, August 18, 2022 1:11 PM
To: hilo harborea@bowersandkubota.com; Michael Ignacio <Michael.Ignacio@hawaiiantel.com>
Cc: HT-Plan Reviews <HT-PlanReviews@hawaiiantel.com>; Gerry Sagucio <Gerry.Sagucio@hawaiiantel.com>
Subject: Pre-Consultation for an Environmental Assessment - Property Acquisition for Hilo Harbor

Aloha Mr. William Kucharski,

We wanted to send a confirmation that we received your letter and that this has been assigned for review. Please, feel free to reach out to us if there are any updates or if you have any questions. Thank you!

Greg Kawachi

Specialist – Structure Engineer

O: 808.546.7666

C: 808.779.8324



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June 13, 2023
2107011.00 / 23P-032

Via Email: Michael.Ignacio@hawaiiintel.com

Mr. Michael Ignacio, Access Engineer – East Hawai'i
Hawaiian Telcom
1177 Bishop St..
Honolulu, HI 96813

Dear Mr. Ignacio:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the September 7, 2022, email providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We confirm that Hawaiian Telcom would like to be notified if any of your facilities needs to be removed or relocated as part of the project acquiring proposed properties and implementing improvements within them. Hawaiian Telcom will be notified if such facilities are affected, and those requirements would likely be better determined as part of the project's design phase.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

Sincerely,
Bowers + Kubota Consulting, Inc.



Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division



Ronald Sato

From: Liu, Rouen <rouen.liu@hawaiianelectric.com>
Sent: Wednesday, August 24, 2022 11:57 AM
To: HiloHarborEA
Cc: Kuwaye, Kristen; Kakazu, Lisa; Okamura, Dave
Subject: [External] Pre-Consultation for EA related to DOT Harbors Division - Property Acquisition for Hilo Harbor
Attachments: bch.pdf

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Dear Mr. Kucharski

Thank you for the opportunity to comment on the subject project. Hawaiian Electric Light Company has no objection to the project. Should Hawaiian Electric Light have existing easements and facilities on the subject property, we will need continued access for maintenance of our facilities. We appreciate your efforts to keep us apprised of the subject project in the planning process. As the proposed Hilo Harbor land acquisition project comes to fruition, please continue to keep us informed.

Welcome to call me at 808-543-7245 if there are any questions.

Rouen Liu
Permits Engineer

Hawaiian Electric
PO Box 2750, Honolulu, HI 96840



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June 13, 2023
2107011.00 / 23P-033

Via Email: Rouen.liu@hawaiianelectric.com

Mr. Rouen Liu, Permits Engineer
Hawaiian Electric
P.O. Box 2750
Honolulu, Hawai'i 96840

Dear Mr. Liu:

**State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Pre-Assessment Consultation for Environmental Assessment
TMK: (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004
Hilo, Hawai'i, Hawai'i**

Thank you for the August 24, 2022, email providing pre-assessment consultation comments associated with the preparation of an Environmental Assessment for the subject project.

We confirm that Hawaiian Electric has no objection to the project. It is noted that any existing easements and facilities owned by Hawaiian Electric Light would need have continued access for maintenance of your facilities. We don't believe any current Hawaiian Electric Light facilities would be affected by the properties proposed for acquisition. Additional lighting to support cargo handling may be installed for safety. Nevertheless, your company would be coordinated with as part of the design process. A copy of the Draft Environmental Assessment will be provided to you for review when published to assist in keeping you informed on the planning process.

Thank you for providing us with your comments and participating in the process. If you have any questions, please contact me at (808) 829-9387 or rsato@bowersandkubota.com.

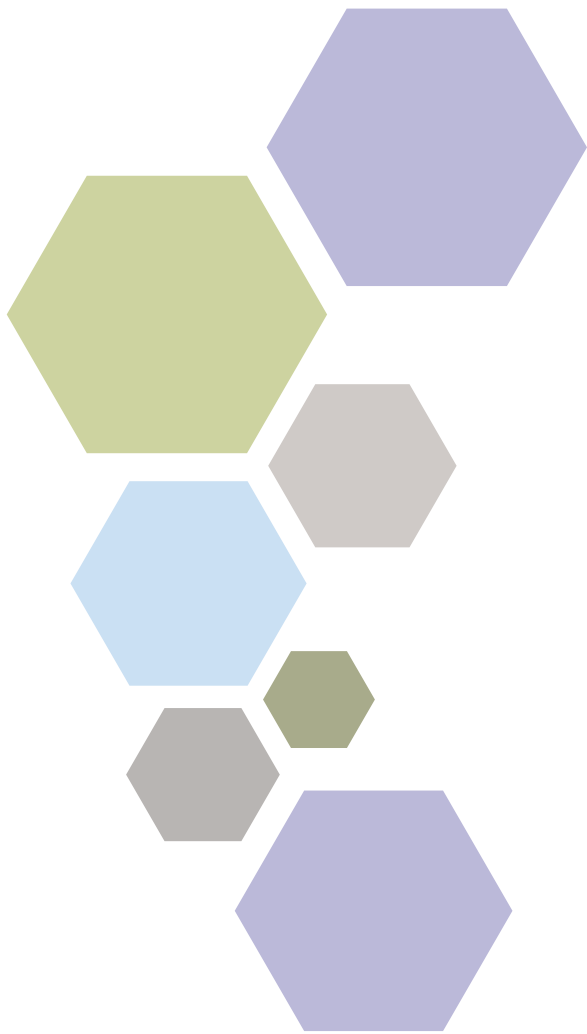
Sincerely,
Bowers + Kubota Consulting, Inc.


Ronald A. Sato, AICP
Sr. Project Manager

RAS:kc

cc: Rod Nagao, The Wilhelm Group
Davis Yogi, State DOT, Harbors Division





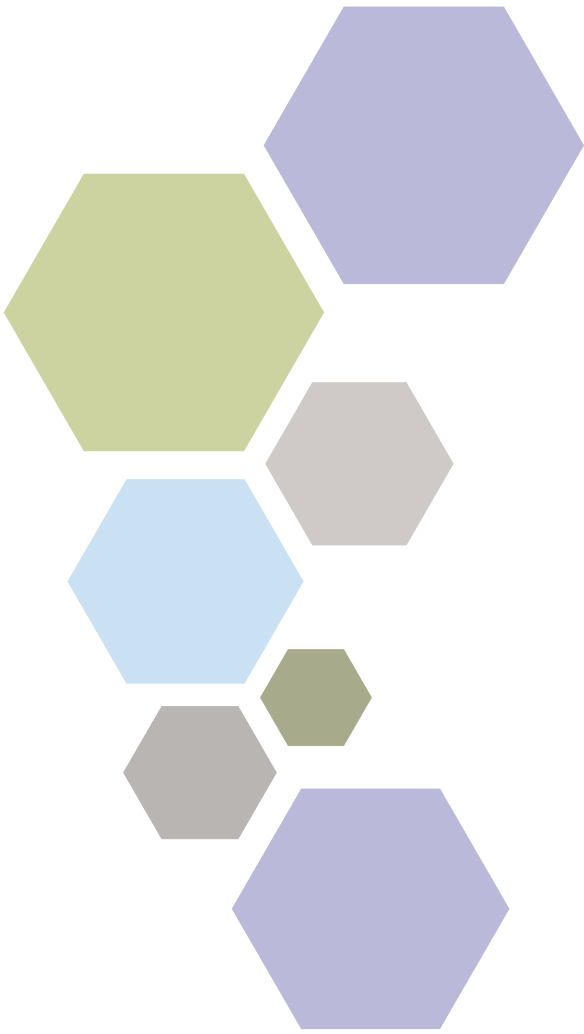
APPENDIX A

A-2 Public Informational Meeting
July 5, 2023

	NAME	EMAIL	PHONE	ADDRESS
1	Senator Lorraine R. Inouye	seninouye@capitol.hawaii.gov	808.586.7335 808.430.4230	215 Paukua Dr. Hilo HI 96720
2	LESLIE ISEMOTO	leslieeiseimotocontracting.com	808-960-1990	648 PIILANI ST. HILO, HI 96720
3	CHAD BREUNER	CBREUNER@HTHB.COM	(808)953-0741	72 Luman St. Hilo, HI 96720
4	LAURA ACASIO	laura.acasio@gmail.com	(808)896-4895	371 Haili St Hilo HI 96720
5	W. Mapuna Waipa	awilipond@yahoo.com	808640-5209	1330 Kalaniana'ole Ave Hilo HI 96720
6	John Burnett	jburnett@hawaii.tribune-herald.com	808-930-BSE	Hawaii Tribune-Herald
7	Kawela Kumu	KawelaK@gmail.com	808-646-5317	315 King Ave Hilo HI 96720
8	Herring K. KALUA	None	808 987-4359	405 Hoopuni St. Hilo, HI 96720
9	Blossom Evans	blossomu@hawaii.edu	808-464-3936	129 King Avenue Hilo, HI 96720
10	George S. Aspegatz	gasp@legatc40@gmail.com	808-640-9591	
11	Greer McKeen	greer.l.mckeena@hawaii.gov	808-960-2175	
12	Elise Pung	elisepung@gmail.com	(808) 936-1185	910 Kalaniana'ole Ave. Hilo
13	Odette Papoza Pung & Crest Pung	orp2124@outlook.com	(808) 931-2001	93 Nahala Hilo
14	Sue Leehay	sueleehay@hawaii.com	808-961-8396	25 Armani St.
15	Robyn Riedel	rnb20042@gmail.com	(808) 217-5163	292 Lyman Ave Hilo, HI 96720

	NAME	EMAIL	PHONE	ADDRESS
1	Dell H. Oshika	oshikad@hawaii.rr.com	(808) 640-2097	916 King Ave. Hilo, HI 96720-4800
2	RICKY OJAMA	RICK@HILORENTALCARRE.COM	808-925-2035	575 KALANIANAOLE
3	Kathy Kawelu	kkawelu@hawaii.edu	808-333-6717	425 Nene St. Hilo
4	JIM CARRAS	carras.jimb@gmail.com	808 351 3119	92-749 PALA LOOP KAPOLEI HI, 96727
5	CARRIE HOOPII	carriehoopii65@gmail.com	808 315-0768	315 Nahalea Ave
6	Beverly Ahuna	ntbarse@gmail.com	808-937-7304	287 Desha Ave.
7	Michele Lefebvre	wren1251@yahoo.com		
8	NEAL AKI		808-655-4254	141 700A AVE
9	Patrick L. Katsurama	kcatprez@gmail.com	808-937-8217	1260 EWA RD 96720
10	Kelani Wala	bertha_souza@msn.com	(808) 315-1283	148 Todd Ave. 96720
11	MARCIA AKI-TRIPP	Marciaaki@icloud.com 1188 KALANIANAOLE AVE	808-969-1999	1188 KALANIANAOLE AVE 96720
12	Bridget Tripp		808-345-7922	" " "
13				
14				
15				

	NAME	EMAIL	PHONE	ADDRESS
1	Napua Johansen	hawnspruit@gmail.com	801 971 8920	120 Piliapa St. 96720
2	LT TODD PATARA	todd.patara@HawaiiCounty.com	808 961-8100	349 Kapiolani St. Hilo HI
3	RAPORO PARK	RPARK@HISYS.com	808 699 4520	Young BROTHERS Pa Ailo
4	Laverne Lucero	luceroLaverne@gmail.com	808) 315-9336	314 Andrews Ave. Hilo Keaukaha
5	Karilani Almeida	panenhhlea@gmail.com	808 938-3330	132 Kaiie Place Hilo ^{Panawa} 96720
6	Kalani Kahalioumi	Kalani.Kahalioumi@hotmail.com	808 392 2252	133 Baker Ave Hilo
7	Doreen Kodani	ronk dkodani@gmail.com	808 920 5072	37 Waiea Place Hilo 96720
8	Ron Kodani	ronkodani@gmail.com	808 938 0072	37 Waiea Place Hilo 96720
9				
10				
11				
12				
13				
14				
15				



APPENDIX A

A-3 Draft EA Comments & Responses

Ronald Sato

From: Morgan, Jeremy K CIV USARMY CEPOH (USA) <Jeremy.K.Morgan@usace.army.mil>
Sent: Tuesday, July 11, 2023 10:29 AM
To: Ronald Sato
Subject: [External] Draft EA DOT Harbors Private Land Acquisition Hilo Harbor Comments

Follow Up Flag: Follow up
Flag Status: Flagged

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Aloha,

The US Army Corps of Engineers (Corps) received your request for comments on the proposed private lands acquisition and development project at Hilo Harbor, Island of Hawaii, Hawaii. After review of the provided information, it appears that a Corps permit would not be required for work on the parcels identified in the draft EA.

The Corps' regulatory authorities are based on Section 10 of the Rivers and Harbors Act (RHA) of 1899 and Section 404 of the Clean Water Act. Section 10 of the RHA of 1899 prohibits the obstruction or alteration of any navigable water of the U.S. (WOTUS) without a Department of the Army (DA) permit. Section 404 of the Clean Water Act prohibits the discharge of dredged or fill material into WOTUS without a DA permit. For projects that are being developed, we ask that you identify areas that may fall within the Corps jurisdiction as WOTUS such as streams, rivers, and wetlands.

If the proposed plans change and a permit is needed from the Corps, then we would require an application to be provided. We must also evaluate the project for any impacts to resources such as threatened or endangered species, historic properties, and/or essential fish habitat, and consult if necessary. If applying for a permit, include detailed plans/drawings of the proposed project where streams or wetlands are present. Include a clear line indicating the ordinary high water mark (OHWM) in your plans and also include the amount and type of fill that would be placed below the OHWM.

A permit is not required if all work being done is located in uplands.

Please visit <https://www.poh.usace.army.mil/Missions/Regulatory/Permits/Nationwide-Permits/> to find more information about our program and to apply for a permit. Email permit applications to CEPOH-RO@usace.army.mil, as we have gone paperless. Feel free to contact me with any further questions.

Mahalo,

Jeremy Morgan
Biologist
Regulatory Office
U.S. Army Corps of Engineers
Honolulu District
Building 252 Fort Shafter, HI 96858-5440
Phone: (808) 835-4308
Jeremy.K.Morgan@usace.army.mil

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3103

August 5, 2024

Mr. Jeremy Morgan, Biologist
Regulatory Office
U.S. Army Corps of Engineers
Honolulu District, Building 252
Fort Shafter, Hawai'i 96858-5440

Dear Mr. Morgan:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on July 11, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

We agree that a Department of the Army permit would not be required for this project at this time. If changes to the redevelopment plans change, that would require a permit from the Corps of Engineers, an application would be submitted that evaluates project impacts on resources such as threatened and endangered species, essential fish habitat, and historic properties.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

JOSH GREEN, M.D.
GOVERNOR
KE KIA ĀINA



KEITH A. REGAN
COMPTROLLER
KA LUNA HO'OMALU HANA LAULĀ

MEOH-LENG SILLIMAN
DEPUTY COMPTROLLER
KA HOPE LUNA HO'OMALU HANA LAULĀ

STATE OF HAWAII | KA MOKU'ĀINA O HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES | KA 'OIHANA LOIHELU A LAWELAWE LAULĀ
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

(P)23.107

JUL 14 2023

Ronald A. Sato, AICP
Bowers + Kubota Consulting, Inc.
2153 N. King Street, Suite 200
Honolulu, Hawaii 96819

Dear Mr. Sato:

Subject: Draft Environmental Assessment Publication Notice
State Department of Transportation, Harbors Division
Private Lands Acquisition and Development
Hilo Harbor Project, Hilo, Hawaii
TMK: (3) 2-1-007: 004, 005, and 046; (3) 2-1-009: 003 and 004

Thank you for the opportunity to comment on the subject project. The proposed project does not impact any of the Department of Accounting and General Services' projects or existing facilities and we have no comments to offer at this time.

If you have any questions, your staff may call Dora Choy of the Planning Branch at (808) 586-0488.

Sincerely,

A blue ink signature of Christine L. Kinimaka.

CHRISTINE L. KINIMAKA
Public Works Administrator

DC:mo

JOSH GREEN, M.D
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAI'I | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3104

August 5, 2024

TO: GORDON WOOD, ADMINISTRATOR
PUBLIC WORKS DIVISION
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

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

SUBJECT: HAWAI'I REVISED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT; STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT; TAX MAP KEY NOS. (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAI'I

We are responding to the letter dated July 14, 2023, sent by the previous administrator for the Public Works Division, in which she provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

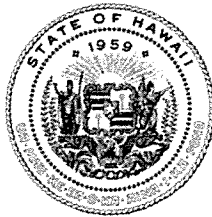
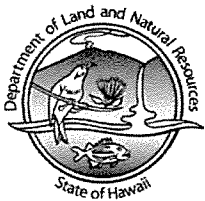
We agree that the project would not impact any State Department of General Services' projects or existing facilities.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



STATE OF HAWAI'I | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF LAND AND NATURAL
RESOURCES DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

Date: 07/12/23
DAR # AR6429

DAWN N.S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
LAURA H.E. KAAKUA
FIRST DEPUTY
M. KALEO MANUEL
DEPUTY DIRECTOR - WATER
AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES
ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

MEMORANDUM

TO: Brian J. Neilson
DAR Administrator

FROM: Troy Sakihara ^{TSS}, Aquatic Biologist

SUBJECT: Draft Environmental Assessment, Hawaii DOT Harbors Private Lands
Acquisition and Development, Hilo Harbor Project

Request Submitted by: Ronald A. Sato, AICP, Bowers and Kubota Consulting, Inc.
Hilo Hawai'i, TMK: (3) 2-1-007:004,005 and 046; (3) 2-1-009:003 and 004

Location of Project: _____

Brief Description of Project:

The Hawai'i Department of Transportation, Harbors Division is proposing to acquire five privately-owned parcels (9.83 acres) adjacent to and in the vicinity of Hilo Harbor. The acquisition will allow for harbor expansion and improvements that are intended to alleviate traffic congestion, and improve access and general operations at the harbor and along Kalaniana'ole Street. The closest parcel to be acquired is 350 feet from the shoreline. No impacts to marine habitat, other aquatic habitats or aquatic protected species are anticipated from the proposed project.

Comments:

No Comments Comments Attached

Thank you for providing DAR the opportunity to review and comment on the proposed project. Should there be any changes to the project plan, DAR requests the opportunity to review and comment on those changes.

Comments Approved: Edward L. Kekoa Date: Jul 13, 2023
Edward L. Kekoa for Brian J. Neilson
DAR Administrator

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3105

August 5, 2024

TO: BRIAN J. NEILSON, ADMINISTRATOR
DIVISION OF AQUATIC RESOURCES
DEPARTMENT OF LAND AND NATURAL RESOURCES

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

SUBJECT: HAWAII REVISSED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAII

Thank you for the memorandum dated July 13, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

We confirm that the closest parcel to be acquired is about 350 feet away from the shoreline and agree there are no anticipated impacts to marine habitat, aquatic habitat, or aquatic protected species from this project.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

Jul 21, 2023

Bowers & Kubota Consulting, Inc.
Attn: Mr. Ronald A. Sato, AICP
2153 N King Street, Suite 200
Honolulu, Hawaii 96819

via email: rsato@bowersandkubota.com

Dear Mr. Sato:

SUBJECT: Draft Environmental Assessment for **Private Lands Acquisition and Development, Hilo Harbor Project** located at Hilo, Hawaii; TMKs: (3) 2-1-007: 004, 005, & 046; and (3) 2-1-009: 003 & 004 on behalf of State Department of Transportation, Harbors Division

Thank you for the opportunity to review and comment on the subject matter. In addition to our previous comments dated July 21, 2023, enclosed are comments from the Engineering Division on the subject matter. Should you have any questions, please feel free to contact Darlene Nakamura at (808) 587-0417 or email: darlene.k.nakamura@hawaii.gov. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Russell Y. Tsuji".

Russell Y. Tsuji
Land Administrator

Enclosures
cc: Central Files

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

June 23, 2023

MEMORANDUM

FROM: ~~TO:~~

DLNR Agencies:

- Div. of Aquatic Resources (glenn.r.higashi@hawaii.gov)
- Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
- Engineering Division (DLNR.ENGR@hawaii.gov)
- Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
- Div. of State Parks
- Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands
- Land Division – Hawaii District (gordon.c.heit@hawaii.gov)
- Aha Moku Advisory Committee (leimana.k.damate@hawaii.gov)

TO: FROM:

Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT:

Draft Environmental Assessment for **Private Lands Acquisition and Development, Hilo Harbor Project**

LOCATION:

Hilo, Hawaii; TMKs: (3) 2-1-007: 004, 005, & 046; and (3) 2-1-009: 003 & 004

APPLICANT:

Bowers & Kubota on behalf of State Department of Transportation, Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. The DEA was published on June 23, 2023, by the State Environmental Review Program (formerly the Office of Environmental Quality Control) at the Office of Planning and Sustainable Development in the periodic bulletin, The Environmental Notice, available at the following link:

https://files.hawaii.gov/dbedt/erp/The_Environmental_Notice/2023-06-23-TEN.pdf

Please submit any comments by **July 21, 2023**. If no response is received by this date, we will assume your agency has no comments. Should you have any questions, please contact Darlene Nakamura directly via email at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

- () We have no objections.
- () We have no comments.
- (✓) We have no additional comments.
- () Comments are included/attached.

Signed:

Print Name:

Carty S. Chang, Chief Engineer

Division:

Engineering Division

Date:

Jul 21, 2023

Attachments

cc: Central Files

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3106

August 5, 2024

TO: RUSSELL Y. TSUJI, ADMINISTRATOR
LAND DIVISION
DEPARTMENT OF LAND AND NATURAL RESOURCES

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

SUBJECT: HAWAII REVISSED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAII

Thank you for the letter dated July 21, 2023, in which your Engineering Division provided no additional comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc

Ronald Sato

From: Nakamura, Darlene K <darlene.k.nakamura@hawaii.gov>
Sent: Friday, July 21, 2023 9:32 AM
To: Ronald Sato
Subject: [External] Request for Comments - DEA - Private Lands Acquisition and Development, Hilo Harbor Project
Attachments: Addition of WWS Puna District.Pre-Final.signed.pdf; Hilo Harbor Private Lands.DAR Comments.pdf; Hilo Harbor Private Lands.DOBOR Comments.pdf; Hilo Harbor Private Lands.HDLO Comments.pdf
Follow Up Flag: Follow up
Flag Status: Completed

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Aloha Ronald,

Attached are comments from the Hawaii Department of Land and Natural Resources to the above-entitled subject project.

Mahalo,
Darlene

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

July 21, 2023

Bowers & Kubota Consulting, Inc.
Attn: Mr. Ronald A. Sato, AICP
2153 N King Street, Suite 200
Honolulu, Hawaii 96819

via email: rsato@bowersandkubota.com

Dear Mr. Sato:

SUBJECT: Draft Environmental Assessment for **Private Lands Acquisition and Development, Hilo Harbor Project** located at Hilo, Hawaii; TMKs: (3) 2-1-007: 004, 005, & 046; and (3) 2-1-009: 003 & 004 on behalf of State Department of Transportation, Harbors Division

Thank you for the opportunity to review and comment on the subject matter. The Land Division of the Department of Land and Natural Resources (DLNR) distributed or made available a copy of your request pertaining to the subject matter to DLNR's Divisions for their review and comments.

At this time, enclosed are comments from the (a) Division of Aquatic Resources, (b) Division of Boating & Ocean Recreation, and (c) Land Division-Hawaii District on the subject matter. Should you have any questions, please feel free to contact Darlene Nakamura at (808) 587-0417 or email: darlene.k.nakamura@hawaii.gov. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Russell Y. Tsuji".

Russell Y. Tsuji
Land Administrator

Enclosures
cc: Central Files

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N.S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

LAURA H.E. KAAKUA
FIRST DEPUTY

M. KALEO MANUEL
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES
ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF LAND AND NATURAL
RESOURCES DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

Date: 07/12/23

DAR # AR6429

MEMORANDUM

TO: Brian J. Neilson
DAR Administrator

FROM: Troy Sakihara ^{TSS}, Aquatic Biologist

SUBJECT: Draft Environmental Assessment, Hawaii DOT Harbors Private Lands
Acquisition and Development, Hilo Harbor Project

Request Submitted by: Ronald A. Sato, AICP, Bowers and Kubota Consulting, Inc.

Hilo Hawai'i, TMK: (3) 2-1-007:004,005 and 046; (3) 2-1-009:003 and 004

Location of Project: _____

Brief Description of Project:

The Hawai'i Department of Transportation, Harbors Division is proposing to acquire five privately-owned parcels (9.83 acres) adjacent to and in the vicinity of Hilo Harbor. The acquisition will allow for harbor expansion and improvements that are intended to alleviate traffic congestion, and improve access and general operations at the harbor and along Kalaniana'ole Street. The closest parcel to be acquired is 350 feet from the shoreline. No impacts to marine habitat, other aquatic habitats or aquatic protected species are anticipated from the proposed project.

Comments:

No Comments Comments Attached

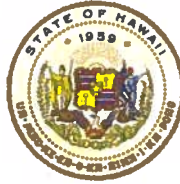
Thank you for providing DAR the opportunity to review and comment on the proposed project. Should there be any changes to the project plan, DAR requests the opportunity to review and comment on those changes.

Comments Approved: Edward L. Kekoa Date: Jul 13, 2023

Edward L. Kekoa for Brian J. Neilson
DAR Administrator

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

June 23, 2023

MEMORANDUM

RECEIVED
LAND DIVISION
2023 JUN 27 PM 2:14
OFFICE OF LAND & NATURAL RESOURCES
STATE OF HAWAII

TO:

DLNR Agencies:

- Div. of Aquatic Resources (glenn.r.higashi@hawaii.gov)
- Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
- Engineering Division (DLNR.ENGR@hawaii.gov)
- Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
- Div. of State Parks
- Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands
- Land Division – Hawaii District (gordon.c.heit@hawaii.gov)
- Aha Moku Advisory Committee (leimana.k.damate@hawaii.gov)

FROM:

Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT:

Draft Environmental Assessment for **Private Lands Acquisition and Development, Hilo Harbor Project**

LOCATION:

Hilo, Hawaii; TMKs: (3) 2-1-007: 004, 005, & 046; and (3) 2-1-009: 003 & 004

APPLICANT:

Bowers & Kubota on behalf of State Department of Transportation, Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. The DEA was published on June 23, 2023, by the State Environmental Review Program (formerly the Office of Environmental Quality Control) at the Office of Planning and Sustainable Development in the periodic bulletin, The Environmental Notice, available at the following link:

https://files.hawaii.gov/dbedt/erp/The_Environmental_Notice/2023-06-23-TEN.pdf

Please submit any comments by **July 21, 2023**. If no response is received by this date, we will assume your agency has no comments. Should you have any questions, please contact Darlene Nakamura directly via email at darlene.k.nakamura@hawaii.gov. Thank you.

BRIEF COMMENTS:

- We have no objections.
- We have no comments.
- We have no additional comments.
- Comments are included/attached.

Signed:

Richard Howard

Print Name:

Richard Howard

Division:

DOBOR

Date:

6/26/2023

Attachments

cc: Central Files

7/13/23

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



DAWN N. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

June 23, 2023

MEMORANDUM

TO: **DLNR Agencies:**
 Div. of Aquatic Resources (glenn.r.higashi@hawaii.gov)
 Div. of Boating & Ocean Recreation (richard.t.howard@hawaii.gov)
 Engineering Division (DLNR.ENGR@hawaii.gov)
 Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
 Div. of State Parks
 Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
 Office of Conservation & Coastal Lands
 Land Division – Hawaii District (gordon.c.heit@hawaii.gov)
 Aha Moku Advisory Committee (leimana.k.damate@hawaii.gov)

FROM: Russell Y. Tsuji, Land Administrator *Russell Tsuji*

SUBJECT: Draft Environmental Assessment for **Private Lands Acquisition and Development, Hilo Harbor Project**

LOCATION: Hilo, Hawaii; TMKs: (3) 2-1-007: 004, 005, & 046; and (3) 2-1-009: 003 & 004

APPLICANT: Bowers & Kubota on behalf of State Department of Transportation, Harbors Division

Transmitted for your review and comment is information on the above-referenced subject matter. The DEA was published on June 23, 2023, by the State Environmental Review Program (formerly the Office of Environmental Quality Control) at the Office of Planning and Sustainable Development in the periodic bulletin, The Environmental Notice, available at the following link:

https://files.hawaii.gov/dbedt/erp/The_Environmental_Notice/2023-06-23-TEN.pdf

Please submit any comments by **July 21, 2023**. If no response is received by this date, we will assume your agency has no comments. Should you have any questions, please contact Darlene Nakamura directly via email at darlene.k.nakamura@hawaii.gov. Thank you.

- BRIEF COMMENTS:**
- We have no objections.
 - We have no comments.
 - We have no additional comments.
 - Comments are included/attached

Signed: 
 Print Name: GORDON C. HEIT
 Division: Land Division
 Date: 7/14/23

Attachments
cc: Central Files

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:
DEP-HAR.24.3107

August 5, 2024

TO: RUSSELL Y. TSUJI, ADMINISTRATOR
LAND DIVISION
DEPARTMENT OF LAND AND NATURAL RESOURCES

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

SUBJECT: HAWAI'I REVISED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAI'I

Thank you for the letter dated July 21, 2023, in which multiple divisions from your department provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Our responses are organized by comments provided from your divisions.

Division of Aquatic Resources

We confirm that the closest parcel to be acquired is about 350 feet away from the shoreline and agree that there are no anticipated impacts to marine habitat, aquatic habitat, or aquatic protected species from this project.

Division of Boating and Ocean Recreation

We confirm that this division had no objections to the project.

Land Division – Hawai'i District

We confirm that this division had no objections to the project.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

JOSH GREEN, M.D.
GOVERNOR



KEITH T. HAYASHI
SUPERINTENDENT

STATE OF HAWAII
DEPARTMENT OF EDUCATION
KA 'OIHANA HO'ONA'AUAO
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF FACILITIES AND OPERATIONS

July 24, 2023

Mr. Ronald A. Sato, AICP
Bowers and Kubota Consulting, Inc.
2153 North King Street, Suite 200
Honolulu, Hawaii 96819

Re: Draft Environmental Assessment Publication Notice
State Department of Transportation, Harbors Division
Private Lands Acquisition and Development, Hilo Harbor Project
Hilo, Hawaii, TMK: (3)2-01-007:004, 005 and 046: (3)2-01-009:003 and 004

Dear Mr. Sato:

Thank you for your letter dated June 21, 2023. The Hawaii State Department of Education previously provided comments, dated August 30, 2022, and has no additional comments.

Should you have any questions, please contact Cori China of the Facilities Development Branch, Planning Section, at (808) 784-5080 or via email at cori.china@k12.hi.us.

We appreciate the opportunity to comment.

Sincerely,

A handwritten signature in cursive script that reads "Edward S. Ige".

Edward S. Ige
Facilities Director
Facilities Development Branch

ESI:ctc
Enclosure

c: Facilities Development Branch



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF FACILITIES AND OPERATIONS

August 30, 2022

William Kucharski
BCH, A Bowers + Kubota Company
2153 North King Street, Suite 200
Honolulu, Hawaii 96819

Re: Pre-Consultation for an Environmental Assessment, Hawaii Department of
Transportation Harbors Division, Property Acquisition for Hilo Harbor
Tax Map Keys: (3)2-1-007:004, 005, 046 & (3)2-1-009:003, 004
Ahupuaa of Waiakea, Hilo Moku, Hawaii

Dear Mr. Kucharski:

Thank you for your letter dated, August 4, 2022. Based on the information provided, the proposed project will not impact Hawaii State Department of Education facilities.

Thank you for the opportunity to comment. Should you have any questions, please contact Cori China of the Facilities Development Branch, Planning Section, at (808) 784-5080 or via email at cori.china@k12.hi.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy Ikeda".

Roy Ikeda
Interim Public Works Manager
Planning Section

RI:ctc

c: Facilities Development Branch

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3108

August 5, 2024

TO: EDWARD S. IGE, FACILITIES DIRECTOR
FACILITIES DEVELOPMENT BRANCH
DEPARTMENT OF EDUCATION

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

SUBJECT: HAWAII REVISED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAII

Thank you for the letter dated July 24, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

We acknowledge that the State Department of Education has no additional comments aside from comments already provided in your letter dated August 30, 2022. That previous letter stated the project will not impact State educational facilities.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Watase, Dean K <dean.k.watase@hawaii.gov>
Sent: Tuesday, July 11, 2023 1:25 PM
To: Ronald Sato
Cc: Woodard, Christopher
Subject: [External] State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA

Follow Up Flag: Follow up
Flag Status: Flagged

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Aloha,

Thank you for the opportunity to review the Draft EA and provide comments.

The project involves the acquisition of five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor by the Hawaii Department of Transportation, Harbors Division (DOTH). The acquisition of these parcels will expand capacity and support DOTH's efforts to help alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within the Harbor.



HHFDC has no comments.

Mahalo

Dean Watase
Housing Planning Manager
Hawaii Housing & Finance Development Corporation
677 Queen Street, Suite 300
Honolulu, Hawaii 96813
Phone: 808 587-0639

NOTICE: This information and attachments are intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged and/or confidential. If the reader of the message is not the intended recipient, any dissemination, distribution or copying of this communication is strictly prohibited and may be punishable under state and federal law. If you have received this communication and/or attachments in error, please notify the sender via e-mail immediately and destroy all electronic and paper copies.

From: Ronald Sato <rsato@bowersandkubota.com>
Sent: Friday, June 23, 2023 11:34 AM
To: Minakami, Dean <dean.minakami@hawaii.gov>
Subject: [EXTERNAL] FW: State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA

Hello,

The State of Hawai'i (State), Department of Transportation, Harbors Division (DOT) is seeking to acquire five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor. The acquisition of these parcels would allow improvements to be implemented to help alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within Hilo Harbor. This project is referred to as the "Private Lands Acquisition and Development, Hilo Harbor Project."

A Draft Environmental Assessment (Draft EA) document has been prepared for this project with an Anticipated Finding of No Significant Impact determination being considered. This Draft EA is now being published and made available to the public to review on June 23, 2023, and to provide written comments. Attached is a Participant Letter with more information on where to download the document and submit comments.

Let me know if you have any questions. Thanks.

Ronald Sato, AICP
Bowers + Kubota
HawaiiBusiness' 2023 Best Places to Work

Mobile: 808-829-9387
Main Office: (808) 836-7787 / (808) 833-1841
Fax: (808) 834-4833
www.bowersandkubota.com

Please consider the environment before printing this e-mail

JOSH GREEN, M.D
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

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Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3109

August 5, 2024

TO: DEAN K. WATASE, HOUSING PLANNING MANAGER
HAWAI'I HOUSING AND FINANCE DEVELOPMENT CORPORATION

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

SUBJECT: HAWAI'I REVISED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAI'I

Thank you for your email dated July 11, 2023, in which you provided no additional comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.



UNIVERSITY
of HAWAII
MĀNOA

Institute for Astronomy
Office of the Director

July 24, 2023

Via email: rsato@bowersandkubota.com

State of Hawai'i, Department of Transportation (DoT)
869 Punchbowl Street
Honolulu, HI 96813

Attention: Ms. DreanaLee Kalili (c/o Mr. Ronald Sato, Bowers+Kubota Consulting, Inc.)

Re: Hilo Harbor Private Lands Acquisition and Development—Draft EA (AFNSI)
TMKs: (3) 2-01-007: 004, 005, 046
(3) 2-01-009: 003, 004
South Hilo District, Hawai'i Island

Dear Ms. Kalili:

Thank you for the opportunity to comment on the draft environmental assessment (EA) for the Hilo Harbor Private Lands Acquisition and Development (published June 23, 2023), specifically with respect to issues and concerns regarding light pollution.

The University of Hawai'i Institute for Astronomy (IfA) conducts research in astronomy using telescopes located on Haleakalā and Maunakea and operated by IfA and our partner institutions. Both Haleakalā and Maunakea are among the best sites in the world for astronomical facilities because of their elevation, clear skies, favorable atmospheric conditions, and low levels of light pollution. Hawai'i-based observatories have played major roles in the advancement of astronomy and astrophysics for over 50 years and are well positioned to remain at the forefront of astronomical research for decades to come.

Because of the outstanding quality and productivity of these facilities, IfA is acutely concerned about negative impacts on astronomy from increased light pollution. Our work to combat light pollution has also brought us into contact with others concerned about light pollution for other reasons, including impacts on wildlife (particularly seabirds) and on human health. While IfA's comments focus on the impacts of light pollution on astronomy, appropriate mitigation measures also help to reduce non-astronomy impacts.

With that background, we offer the following comments:

Any new or additional artificial light at night has an adverse effect on astronomical observations by increasing the night sky brightness. Nearly all observations performed by the telescopes on Maunakea are sky-background limited. This means that there is a natural sky brightness coming from airglow and zodiacal light. Artificial light increases the sky brightness, thereby decreasing the sensitivity of the telescopes and effectively making the telescope smaller and less sensitive.

2680 Woodlawn Drive
Honolulu, Hawai'i 96822

An Equal Opportunity/Affirmative Action Institution

IfA makes it a practice to comment on environmental review documents both to address issues with specific projects and to emphasize the importance of appropriate lighting standards and dark sky protection in any planning process. While the Draft EA notes that outdoor lighting installed for construction purposes should be “fully ‘dark sky compliant’”, and also notes in passing on the adverse impact that outdoor lighting may have on seabirds that may overfly the project area at night, a more robust discussion of dark sky protection would be welcome. Appropriate steps to keep the skies friendly to both seabirds and the observatories include:

1. Any outdoor lighting, including both construction and permanent lighting, must conform to the standards established by the Hawai'i County Outdoor Lighting Ordinance (Hawai'i County Code Chapter 14, Article 9: “Outdoor Lighting”). IfA encourages project planners to include references to the Outdoor Lighting Ordinance in planning documents to confirm to readers that its requirements are being considered and addressed in project planning.
2. The minimum possible amount of outdoor/exterior lighting should be used, and should be turned off when not needed. Motion sensor activated lighting is strongly preferred wherever feasible.
3. All exterior lighting should be fully shielded. IfA appreciates the Draft EA's recognition of this recommendation.
4. Conformity to the Outdoor Lighting Ordinance also requires the use of blue-deficient exterior lighting. This means that exterior LED lighting must emit less than 2% of its total energy at wavelengths less than 500 nm. The best choices for this are either filtered LED lights, or amber LED lights.
5. White light should be avoided in general because the blue component of white light significantly impacts astronomy. Any white light deemed essential should have a Correlated Color Temperature of 2700 K or below.

Thank you for your consideration of these comments and attention to IfA's concerns. If you have questions or need further detail regarding these comments, please do not hesitate to contact the undersigned or Richard Wainscoat (rjw@hawaii.edu).

Sincerely,



Doug Simons
Director, IfA

c: Ms. DreanaLee Kalili, State of Hawai'i DoT (dreanalee.k.kalili@hawaii.gov)

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAI'I | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
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EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3110

August 5, 2024

TO: DOUG SIMONS, DIRECTOR
INSTITUTE FOR ASTRONOMY
UNIVERSITY OF HAWAI'I AT MANOA

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

SUBJECT: HAWAI'I REVISED STATUTES, CHAPTER 343, DRAFT
ENVIRONMENTAL ASSESSMENT ANTICIPATED FINDING OF NO
SIGNIFICANT IMPACT, STATE DEPARTMENT OF TRANSPORTATION,
HARBORS, PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO
HARBOR PROJECT, TAX MAP KEY NUMBERS (3) 2-01-007: 004, 005 AND
046; (3) 2-01-009: 003 AND 004; HILO, HAWAI'I

Thank you for the letter dated July 24, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. We have the following responses:

- A. We appreciate the background information provided on the University of Hawai'i's Institute for Astronomy (IfA), the research activities being conducted on Haleakalā and Maunakea, and the role the observatories have played in astronomy and astrophysics. We acknowledge your concern with minimizing negative impacts from increased light pollution on these facilities and are similarly aware of measures to address light impacts on seabirds which were addressed in the Draft EA.
- B. Thank you for providing information on the effects new artificial light at night has on astronomical observations and telescopes. We appreciate IfA's participation in this environmental review process and your comments on dark sky protection in the planning process and similar lighting effects on seabirds. We have the following responses to your numbered comments.
 - B.1. The State of Hawai'i Department of Transportation (HDOT) has retrofitted its low-pressure sodium high mast lights at Hilo Harbor to LEDs that conform to the standards established by the County's Outdoor Lighting Ordinance (Chapter 14, Article 9: "Outdoor Lighting") and Correlated Color Temperature of 2700 K or below. No night construction is presently planned under this project.

- B.2. Should the HDOT succeed in acquiring the private lands, the next step is to improve the roadways and internal roadways into Hilo Harbor. Cargo yard improvements including high mast lighting will be included and designed to conform to the standards established by the County's Outdoor Lighting Ordinance (Chapter 14, Article 9: "Outdoor Lighting"). This includes a continuing evaluation of essential white light needed to have a Correlated Color Temperature of 2700 K or below.

This reference will be added to Section 2.2.3 discussing Harbor yard area improvements of the Final EA to be prepared. This revision will document that these standards have been considered and would be incorporated in the project's design phase.

- B.3. Exterior lighting would be shielded in compliance with HRS §201-8.5 and night sky-protection strategy, which is discussed in Section 3.4.2.
- B.4. Project improvements will be designed to conform to the standards established by the County's Outdoor Lighting Ordinance (Chapter 14, Article 9: "Outdoor Lighting").
- B.5. The design of the lighting needed will conform to the County's Outdoor Lighting Ordinance and include evaluating essential white light needed to have a Correlated Color Temperature of 2700 K or below.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Quiamas, Gene <Gene.Quiamas@hawaiicounty.gov>
Sent: Wednesday, July 12, 2023 4:22 PM
To: Ronald Sato
Subject: [External] RE: State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA
Attachments: HAR.0001700.23_Draft-EA_Hilo-Harbor-Project-SIGNED-2.pdf

Follow Up Flag: Follow up
Flag Status: Completed

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Aloha Ronald. This was forwarded to our Division. I made some notations for your consideration. If you want to discuss further, please call our Admin office at 808.961.8270. Thanks.

Gene Quiamas
Acting Deputy Chief
Solid Waste Division
Department of Environmental Management
County of Hawaii

From: Ronald Sato <rsato@bowersandkubota.com>
Sent: Friday, June 23, 2023 11:42 AM
To: cohdem <cohdem@hawaiicounty.gov>
Subject: FW: State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA

Hello,

The State of Hawai'i (State), Department of Transportation, Harbors Division (DOTH) is seeking to acquire five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor. The acquisition of these parcels would allow improvements to be implemented to help alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within Hilo Harbor. This project is referred to as the "Private Lands Acquisition and Development, Hilo Harbor Project."

A Draft Environmental Assessment (Draft EA) document has been prepared for this project with an Anticipated Finding of No Significant Impact determination being considered. This Draft EA is now being published and made available to the public to review on June 23, 2023, and to provide written comments. Attached is a Participant Letter with more information on where to download the document and submit comments.

Let me know if you have any questions. Thanks.

Ronald Sato, AICP
Bowers + Kubota
HawaiiBusiness' 2023 Best Places to Work

Mobile: 808-829-9387
Main Office: (808) 836-7787 / (808) 833-1841
Fax: (808) 834-4833
www.bowersandkubota.com

developed would comply with Chapter 27 of the Hawai'i County Code. Design plans would thus be coordinated with the County Department of Public Works for review as appropriate. Coordination with agencies in the review of these design plans would subsequently minimize impacts on the existing drainage area.

5.4 SOLID WASTE FACILITIES Existing Solid Waste Facilities

The County DEM, Solid Waste Division operates the County's solid waste facilities that consist of transfer stations and landfill sites. Following the closure of the South Hilo Sanitary Landfill in 2019, the closest facility to accept residential, commercial, government, and construction and demolition generated solid waste is the Pu'uuanahulu Landfill (West Hawai'i Sanitary Landfill) in the Kona District of the island about 75 miles away from the Harbor.

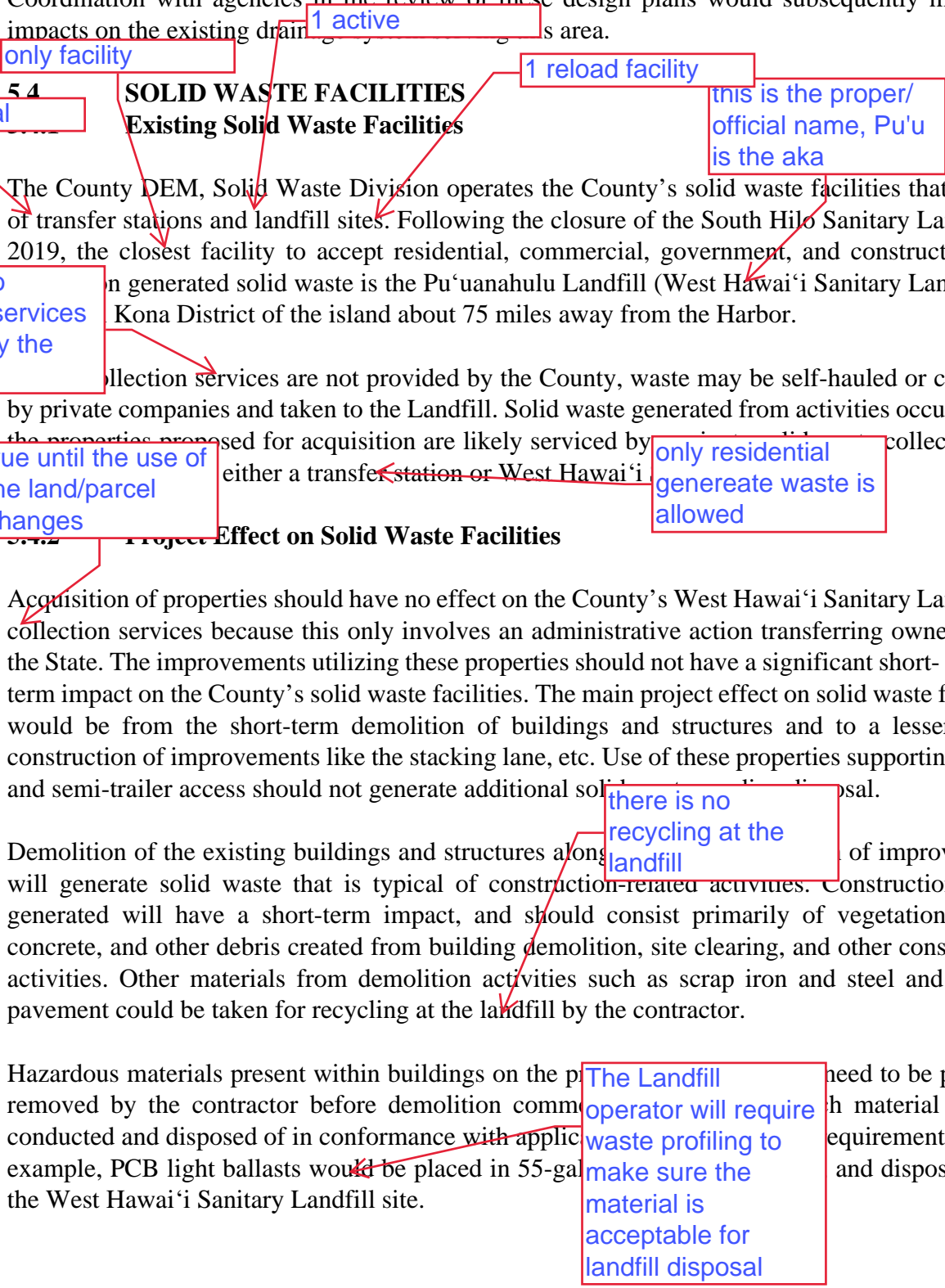
Collection services are not provided by the County, waste may be self-hauled or collected by private companies and taken to the Landfill. Solid waste generated from activities occurring on the properties proposed for acquisition are likely serviced by a private waste collector who either a transfer station or West Hawai'i

5.4.2 Project Effect on Solid Waste Facilities

Acquisition of properties should have no effect on the County's West Hawai'i Sanitary Landfill or collection services because this only involves an administrative action transferring ownership to the State. The improvements utilizing these properties should not have a significant short- or long-term impact on the County's solid waste facilities. The main project effect on solid waste facilities would be from the short-term demolition of buildings and structures and to a lesser extent construction of improvements like the stacking lane, etc. Use of these properties supporting traffic and semi-trailer access should not generate additional solid waste for disposal.

Demolition of the existing buildings and structures along with the construction of improvements will generate solid waste that is typical of construction-related activities. Construction waste generated will have a short-term impact, and should consist primarily of vegetation, rocks, concrete, and other debris created from building demolition, site clearing, and other construction activities. Other materials from demolition activities such as scrap iron and steel and asphalt pavement could be taken for recycling at the landfill by the contractor.

Hazardous materials present within buildings on the project need to be properly removed by the contractor before demolition commences. All such material will be conducted and disposed of in conformance with applicable regulatory requirements. As an example, PCB light ballasts would be placed in 55-gallon drums and disposed of at the West Hawai'i Sanitary Landfill site.



depending on
timing and volume,
this may not be true

Materials and other debris from this work would be hauled to the West Hawaii Landfill for disposal. This landfill should have sufficient space to accommodate this work and should not have an adverse effect. The County DEM would be consulted as part of the design phase to coordinate the estimated timing when actual demolition and construction activities could occur. This would support the County's efforts in determining if or when constructing new cells at the sanitary landfill may be required. Coordination with the County during the design phase would subsequently minimize impacts on their existing solid waste facilities.

we like this and
very appreciated

5.5 TRANSPORTATION FACILITIES

Fehr & Peers (F&P) prepared a Transportation Study for this project, and their report is included in Appendix E of this document. F&P reviewed existing conditions and intersection operations near the three major Harbor entrance points at Kūmau Street, Kūhiō Street, and Kahanu Street. The transportation study focused on evaluating the existing street network and intersection operations at the following locations:

1. Kalaniana'ole Street with Kūmau Street;
2. Kalaniana'ole Street with Kūhiō Street / Silva Street; and
3. Kalaniana'ole Street with Kahanu Street.

5.5.1 Existing Transportation Facilities

The roadway system in the project area consists of facilities that are under the jurisdiction of both the State DOT, Highways Division and County Department of Public Works. These roads are summarized below:

1. Kalaniana'ole Street. This is a two-lane undivided State collector road serving as the primary access to the Harbor. Parking is not allowed along this corridor and the posted speed limit is 35 miles per hour (mph). Separate left-turn lanes and/or an acceleration lane are provided at selected intersections.
2. Kūmau Street. This is a four-lane undivided County roadway providing access between Kalaniana'ole Street and Ocean View Drive. Street parking is not allowed on the street and the posted speed limit is 25 mph.
3. Kūhiō Street. This is a two-lane undivided State roadway. Street parking is not allowed on the street and the posted speed limit is 25 mph.
4. Kahanu Street. This is a two-lane undivided State roadway. Street parking is not allowed on the street and the posted speed limit is 25 mph.
5. Kauhane Avenue. This is a two-lane undivided County collector road. Street parking is not allowed on the street and the posted speed limit is 25 mph.
6. Kamehameha Avenue/Silva Street. This is a two-lane undivided collector road between Kalaniana'ole Street and Silva Street. Portions are owned by the State (Hilo International Airport) and the County. Street parking is not allowed on the street and the posted speed limit is 25 mph.

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3111

August 5, 2024

VIA EMAIL: Gene.Quiamus@hawaiicounty.gov

Mr. Gene Quiamas, Acting Deputy Division Chief
County of Hawai'i
Department of Environmental Management
Solid Waste Division
345 Kekuanao'a Street
Hilo, Hawaii 96720

Dear Mr. Quiamas:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment
Anticipated Finding of No Significant Impact; State Department of
Transportation, Harbors, Private Lands Acquisition and Development, Hilo
Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and
046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email dated July 12, 2023, in which you provided comments on the Draft
Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors
Private Lands Acquisition and Development, Hilo Harbor Project.

We appreciate the comments on revisions to Section 5.4 of the Draft EA concerning solid waste
facilities. These revisions will be incorporated as part of the Final EA being prepared.

If you have any questions or further comments regarding this response, you may contact me via
email at dreannalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A.
Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at
rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreannalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Roy, Alex <Alex.Roy@hawaiicounty.gov>
Sent: Thursday, July 6, 2023 10:24 AM
To: Ronald Sato
Cc: Darrow, Jeff
Subject: [External] Hilo Harbor Project - DEA

Follow Up Flag: Follow up
Flag Status: Completed

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Mr. Sato,

The County of Hawaii Planning Department acknowledges that the proposed project will not require Special Management Area (SMA) approval.

However, we would like to note that the HRS reference regarding the SMA is incorrect. The correct reference is HRS Ch. 266-2(b) as there is no such section 266-2(7)(b); please correct that reference throughout the EA document. We would also like to be on the list for the FEA when completed.

If you have any questions, please contact me directly.

Thank you,

*Alex J. Roy, [M.Sc.](#)
Planning Department*



County of Hawai'i
Zoning & Subdivision Code Update
Project Website: COHcodeupdate.com

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

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KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3112

August 5, 2024

VIA EMAIL: Alex.Roy@hawaiicounty.gov

Mr. Alex J. Roy
County of Hawai'i
Planning Department
101 Pauahi Street, Suite 3
Hilo, Hawai'i 96720

Dear Mr. Roy:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email dated July 6, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

We confirm that the County of Hawai'i, Planning Department has acknowledged that this project will not require Special Management Area approval. We will also make the correction to the Hawai'i Revised Statutes Chapter 266 reference as noted in the Final EA being prepared.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Mitchell D. Roth
Mayor



Benjamin T. Moszkowicz
Police Chief

County of Hawai`i

POLICE DEPARTMENT

349 Kapi`olani Street • Hilo, Hawai`i 96720-3998
(808) 935-3311 • Fax (808) 961-2389

June 26, 2023

Mr. Ronald A. Sato, AICP
Bowers and Kubota Consulting, Inc.
2153 North King Street, Suite 200
Honolulu, Hawai`i 96819
rsato@bowersandkubota.com

Dear Mr. Sato:

**SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT PUBLICATION NOTICE;
STATE DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION,
PRIVATE LANDS ACQUISITION AND DEVELOPMENT, HILO HARBOR
PROJECT, HILO, HAWAII; TMK: (3) 2-01-007:004, 005 AND 046; (3) 2-01-
009:003 AND 004**

This is in response to a letter dated June 23, 2023, requesting a pre-environmental assessment for the Hilo Harbor project on the Island of Hawaii.

Staff, upon reviewing the provided documents, does not anticipate any significant impact to traffic and/or public safety concerns.

Thank you for allowing us the opportunity to comment.

If you have any questions, please contact Captain Sandor Finkey, Hilo Patrol, at 961-2214 or via email at sandor.finkey@hawaiicounty.gov.

Sincerely,


KENNETH A.K. QUOCHO
ASSISTANT POLICE CHIEF
AREA I OPERATIONS BUREAU

SK:lii/23HQ0826

JOSH GREEN, M.D
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.24.3113

August 5, 2024

Mr. Kenneth A.K. Quioco, Assistant Police Chief
County of Hawai'i
Police Department
Area 1 Operations Bureau
349 Kapiolani Street
Hilo, Hawai'i 96720-3998

Dear Mr. Quioco:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the letter dated June 26, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project.

We confirm that the County of Hawai'i, Police Department does not anticipate any significant impact to traffic or public safety concerns associated with this project.

If you have any questions or further comments regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.



an Air Liquide company

To: Mr. Ronald A. Sato, AICP, Bowers and Kubota Consulting, Inc.
From:
Date: 7/18/2023
Subject: Airgas comments re: Draft Environmental Assessment Publication Notice

Mr. Sato,

Airgas received and reviewed a copy of the Draft Environmental Assessment (EA) document dated June 15, 2023, and per the instructions provided in the Publication Notice, would like to submit the following comments for review:

The Assessment references Airgas and its use of the property several times, and is typically portrayed as seen in the image below:

Parcel 1: (3) 2-1-007: 005 (Airgas Gaspro, Inc.)

Parcel 1 consists of the AirGas Gaspro, Inc. company that is situated at the corner of Kalaniana'ole Street and Kūmau Street and has a street address of 525 Kalaniana'ole Street. Exhibit 1-10 includes a photo of this business. Vehicle access to the site is provided along Kūmau Street at two separate driveways (one in and one out). This branch of the company provides propane, oxygen, liquid nitrogen, and other specialty gases for the public. The business provides welding supplies and machines, protective equipment, and other welding related products. The site consists of two buildings, a few canopies for vehicle covers, an open parking area, and a few refueling stations as shown in Figure 1.4.

We would like to suggest that the various descriptions in the Assessment be modified to provide a clearer and more accurate depiction of the nature of Airgas' operations on-site. We suggest the following language be adopted:

"Airgas USA, LLC. operates a medical and industrial cylinder fill plant to package and distribute medical and industrial oxygen, industrial nitrogen, and industrial and food grade CO2. It is the primary provider of medical oxygen (bulk & packaged) in Hawaii, and is the only company equipped to fill medical oxygen cylinders on the Big Island. Additionally, Airgas distributes 22 other vital industrial and medical gasses and necessary molecules for the island produced in Kapolei, HI.

As an Air Liquide Company, Airgas is designated as Critical Infrastructure through the U.S. Cybersecurity and Infrastructure Security Agency (CISA), for the following Sectors: Chemical; Critical Manufacturing; Defense & Industrial Base; Emergency Services; Energy; Food & Agriculture; Information Technology; Nuclear Reactors, Materials, and Waste; Water and Wastewater Systems."

Please don't hesitate to reach out with any questions, or if we can provide any additional information.

Thank you,

Chris Seekatz
Airgas USA, LLC.
Real Estate Director - West Division

JOSH GREEN, M.D
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
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KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0176

August 5, 2024

VIA EMAIL: chris.seekatz@airgas.com

Mr. Chris Seekatz, Real Estate Director-West Division
Airgas USA, LLC

Dear Mr. Seekatz:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your letter dated July 18, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Your comments and this letter of response to your letter will be included in Chapter 7 of the Final Environmental Assessment (FEA) as part of this environmental review process.

In your letter, you requested the description of the Airgas parcel in Section 1.4.3 of the Draft EA be amended to provide "a clearer and more accurate depiction" of the Airgas operations at the property. Your suggestion to revise this general description of the types of activities and operations occurring on this parcel will be incorporated as appropriate in this section in the FEA prepared.

You also wrote that Airgas is designated as a Critical Infrastructure through the U.S. Cyber Security and Infrastructure Agency. Your comments in your July 18, 2023 letter regarding the designation and request to amend the paragraph is acknowledged without further amendment to the Draft EA and, as stated, above will be incorporated as appropriate in this section in the FEA.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Cory <333cory@gmail.com>
Sent: Monday, June 26, 2023 8:16 PM
To: Ronald Sato
Subject: Re: [External] comment on Private Lands Acquisition and Development, Hilo Harbor Project

Follow Up Flag: Follow up
Flag Status: Completed

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Also please include and analyze another alternative: importing less, and producing more of what we need on-island.

On Mon, Jun 26, 2023 at 8:10 PM Cory <333cory@gmail.com> wrote:

Hello,

Please state how current occupants of the land are reacting to the prospect of condemnation or purchase and describe the impacts for them.

To what extent will the State assist occupants with moving expenses?

mahalo, Cory

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JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0177

August 5, 2024

VIA EMAIL: 333cory@gmail.com

Mr. Cory Harden

Dear Ms. Harden:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your two emails sent on June 26, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments from both emails with numbered responses as provided below. Your comments and this letter of response will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your email dated June 26, 2023, at 8:10 p.m., you asked how the current occupants are reacting to the prospect of condemnation or purchase and for us to describe the impacts they face. The Hawai'i Department of Transportation (HDOT) has been in communication with the owners of the privately-owned parcels proposed for acquisition under this project since February 2020.

We are still in the process of negotiating purchase of the properties in question, which includes the current property owners providing us information on the leases held by the existing businesses operating on the parcels. As the HDOT has done with its past land acquisitions, after we acquire the property, we can then negotiate options with the existing businesses, which includes remaining on the properties until the lease expiration date or negotiating an earlier end date to the leases. Existing tenants are aware of how we intend to use the land we are seeking to purchase. Section 4.3.1 of the Draft EA addresses the project's social effects on existing businesses associated with the properties proposed for acquisition, and Section 4.3.2. addresses economic and fiscal factors.

2. In your second email dated June 26, 2023, at 8:16 p.m., you requested that HDOT analyze the alternative of importing fewer goods and producing more goods on island. This type of

Mr. Cory Harden
August 5, 2024
Page 2

DEP-H.25.0177

analysis is beyond the scope of what our office does. We manage the commercial harbors system in order to facilitate safe and efficient maritime operations. To that end, the purpose of this project is to alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and improve safety within Hilo Harbor.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Michael Ignacio <Michael.Ignacio@hawaiiantel.com>
Sent: Friday, June 23, 2023 11:54 AM
To: Ronald Sato
Subject: RE: [External] State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA

Follow Up Flag: Follow up
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No questions at this time.

Thank you

Michael Ignacio

OSP Network Engineer –Hawaii Island.

Hawaiian Telcom

O: 808.747-8704 michael.ignacio@hawaiiantel.com



From: Ronald Sato <rsato@bowersandkubota.com>
Sent: Friday, June 23, 2023 11:46 AM
To: Michael Ignacio <Michael.Ignacio@hawaiiantel.com>
Subject: FW: State DOT, Harbors; Private Lands Acquisition & Dev, Hilo Harbor Draft EA

Hello,

The State of Hawai'i (State), Department of Transportation, Harbors Division (DOTH) is seeking to acquire five privately-owned parcels totaling 9.38 acres located adjacent to their Hilo Harbor. The acquisition of these parcels would allow improvements to be implemented to help alleviate existing traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency for cargo transportation, and increase safety within Hilo Harbor. This project is referred to as the "Private Lands Acquisition and Development, Hilo Harbor Project."

A Draft Environmental Assessment (Draft EA) document has been prepared for this project with an Anticipated Finding of No Significant Impact determination being considered. This Draft EA is now being published and made available to the public to review on June 23, 2023, and to provide written comments. Attached is a Participant Letter with more information on where to download the document and submit comments.

Let me know if you have any questions. Thanks.

Ronald Sato, AICP

Bowers + Kubota

HawaiiBusiness' 2023 Best Places to Work

Mobile: 808-829-9387

Main Office: (808) 836-7787 / (808) 833-1841

Fax: (808) 834-4833

www.bowersandkubota.com

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JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0178

August 5, 2024

VIA EMAIL: Michael.Ignacio@hawaiiantel.com

Mr. Michael Ignacio, OSP Network Engineer-Hawai'i Island
Hawaiian Telcom

Dear Mr. Ignacio:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on June 23, 2023, regarding the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Your comments and this letter of response to both your emails will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

We confirm that Hawaiian Telcom has no questions about the project currently.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Keli'i William Ioane Legacy Foundation <keliwilliamioanefoundation@gmail.com>
Sent: Tuesday, July 25, 2023 2:04 PM
To: dreanalee.k.kalili@hawaii.gov; Ronald Sato; seninouye@capitol.hawaii.gov; TrusteeTrask@oha.org
Subject: [External] Hilo Harbor Expansion
Attachments: Hilo Harbor Expansion (1).pdf

Follow Up Flag: Follow up
Flag Status: Completed

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Aloha this is a Keaukaha community response to the proposed Hilo Harbor Expansion.

Mahalo,

ʻĀinaaloha W. Ioane
Keli William Ioane Legacy Foundation
Project Coordinator
(808) 895-5575
PO Box 5448, Hilo, HI 96720



Kelii William Ioane Legacy Foundation
Whose principal community outreach is held at Lehia Park
2499 Kalanianaʻole Avenue, Hilo, HI 96720



MAHA, Malama Ka 'Āina Hana Ka 'Āina
Hawaiian beneficiary community association of King's Landing
Whose entrance gate resides at Lehia Park 2499 Kalanianaʻole Avenue,
Hilo, HI 96720

Aloha, to all that is concerned with the Hilo Harbor Expansion,

- #1 The Kelii William Ioane Legacy Foundation, whose primary community outreach is located at Lehia Park at the end of the Kalanianaʻole road, and the Hawaiian Home Lands Beneficiaries of King's Landing Keaukaha Track II are deeply concerned with the impact of the Hilo Harbor expansion.

The ohana Ioane continue their genealogical ties to Keaukaha, through community outreach, traditional Hawaiian protocols of hula and subsistence fishing practices in Keaukaha, and the MAHA community who have lived in King's Landing for over 40 years are very concerned with the Hilo harbor expansion.
- #2 The KWILF is Community Lead of the Keaukaha Stewardship Program. We have been officially collecting data of community use of Waiuli and Lehia park for three months now, and we can say that at currently the Keaukaha community is frustrated with the amount of Cruise Ship Tour operators bombarding our community spaces, pushing families out of our beloved recreational spaces and drowning our traditional Hawaiian subsistence practices and sacred sites, and beloved memories of our Kupuna.
- #3 The primary concern is the lack of transparency not only between the Harbor, DOT and the community stakeholders, but with the lack of communication between Governor Green and Senator Inouye with their constituencies. Keaukaha is in much need of assistance, but not in the way of more industrialized expansions.
- #4 At present there is already a huge traffic flow problem for residents, an uncomfortable and frustrating lack of Cruise Ship management, a disregard for traditional Hawaiian subsistence practices, and the beloved memories of our Kupuna and the old Keaukaha they once knew and documented in oral history projects.
- #5 The Hawaiian beneficiaries and the 'āina of Keaukaha have been under constant threat since the homesteading of Keaukaha and the construction of the Hilo airport in 1925.

- “Albert Nahale-a reported in January 1942 that 50 Keaukaha leases and their families were evacuated and their lots taken for the expansion of the airport.”
(Kuu Home I Keaukaha An Oral History Account. Rhea Akoi. 1989)
- Keaukaha Rezoning of the 1940’s: “The County designated a twenty year plan which included the reverting of the Keaukaha Homesteads land from residential to light industrial area. This land had become important and now was worth millions of dollars. Its location near the wharf and airport was ideal...Now the people understood why they were not allowed to repair or build new houses. The plan was to eventually move all the homesteaders out of Keaukaha.” Lucky by the continued efforts of the Keaukaha beneficiaries this did not occur. “The Keaukaha Homesteaders won! All the years of frustration, working, lobbying and yes, praying were over. Their land that had been taken from them illegally was to be returned at last! In 1974, the 50th anniversary of the Keaukaha Homesteads, the land was officially zoned back to residential.” (Akoi. 1989)
- Hotel Attempts in Keaukaha 90’s: Hilo local Chris Yuen became worried about the zoning of the area (near Waiuli beach) and eventually created a petition to halt the construction of the hotel.” (Na Kalaheo)
- Hotel Attempt 2022: A recent proposal for a 36 unit luxury eco-resort along the shoreline in Keaukaha is proposed. Many residents of the Keaukaha area say they were blindsided by plans for the luxury resort on their doorstep, especially since the developer contended it held discussions with the community (but did no such thing). The County eventually rejected the resort proposal.” (Hawaii Public Radio. Feb.17, 2022)

#6 Any Map of Hilo will show that Keaukaha is surrounded by Industrialization that benefits the entire Hawaii County, but greatly negatively affects the Keaukaha people. In Keaukaha and its surrounding land is located the the Hilo Harbor, the Wastewater treatment facility, the Landfill, the Kaikoo Mall, Walmart, Target, and Home Depot.

The Hawaiian Beneficiaries of Keaukaha, the MAHA King’s Landing Community and the surrounding Keaukaha residence continue to be asked to carry the load of the entire County in our neighborhood.

#7 (a-g) KWILF and the MAHA community do not approve of the Hilo Harbor Expansion, and ask the EA consider the below questions.

- 1.) How will the expansion of the Hilo Harbor outweigh the negative impacts of increased tourism in our already overcrowded community?
- 2.) What direct benefits will be afforded to the Hawaiian Beneficiaries of MAHA, King’s Landing.
- 3.) What mitigations will be in place to ensure the continued access to subsistence gathering practices?
- 4.) What mitigations will be in place to ensure the sacred memories of the Native Hawaiians are respected?
- 5.) What mitigations are in place to communicate clearly the environmental impacts of more industrial movement in the harbor?
- 6.) What Environmental assessments are in place to monitor the water quality of our shoreline where we eat from?

7.) What benefits will the harbor have for the families who access the nearby beaches for recreational activities? Since the expansion of the Hilo Harbor will take away from the coastlines beauty? How is the Harbor going to mitigate to each Hilo resident who will be affected by the lost of beauty and recreational space?

Mahalo,

‘Āinaaloha W. Ioane

(808) 895-5575

ainaalohaioane@gmail.com

KWILF Project Director

MAHA Board Support

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
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CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0179

August 5, 2024

VIA EMAIL: keliwilliamioanefoundation@gmail.com

Ms. 'Āinaaloha W. Ioane, Project Coordinator
Keli William Ioane Legacy Foundation
P.O. Box 5448
Hilo, Hawai'i 96720

Dear Ms. Ioane:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your email and attached letter sent on July 25, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with numbered responses as provided below. Your comments and this letter of response to your letter will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your letter, you wrote that your "primary concern is a lack of transparency." The Hawai'i Department of Transportation (HDOT) has followed a process of gathering information and receiving approvals before presenting the proposed project to the community. The HDOT prepared the Draft EA to collect information regarding the purpose of the project and its environmental impacts in acquiring the parcels. Our proposed project has been open for public review and comment, and we thank you and everyone else who has participated in the process.

Please be informed that should there be a finding of no significant environmental impact (FONSI) regarding its proposed acquisition of the parcels and proceeds with the acquisitions, the HDOT will retain a designer and provide the designer with the names and addresses of those community members that participated and provided comments to the Draft EA to ensure those community members are included in discussions regarding the alternative roadway improvement plans presented in the Draft EA. The designer can present and explain the alternatives to the community in greater engineering detail at that time.

2. In your letter, you expressed a concern regarding the traffic flow problem for residents. The purpose of this project is to alleviate traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency of cargo transportation, and improve safety within Hilo Harbor. This project will widen Kalaniana'ole Street, install a new left turn lane for four semi-trailers, and construct a multi-lane queuing area off of Kalaniana'ole Street to hold 15-18 semi-trailers.
3. In your letter, you asked how the expansion of Hilo Harbor will outweigh the negative impacts of increased tourism in our already overcrowded community. The purpose of this project is not to increase tourism. Rather, as previously stated, the purpose of this project is to alleviate traffic congestion in the area around Hilo Harbor.
4. You asked what direct benefits will be afforded to the Hawaiian Beneficiaries. The proposed project will alleviate traffic congestion at the entrances of the harbor along Kalaniana'ole Street, which will benefit everyone. Furthermore, portions of Hilo Harbor at Piers 1-4 are on ceded lands for which the HDOT pays a percentage of revenues we collect to the Public Land Trust and these funds are transferred to the Office of Hawaiian Affairs for its use and expenditure.
5. You asked what mitigations will be in place to ensure the continued access to subsistence gathering practices. The proposed project will not have an impact on access to subsistence gathering practices.
6. You asked what mitigations will be in place to ensure the sacred memories of the Native Hawaiians are respected. The HDOT contractors researched historical files regarding the proposed industrial lots to be acquired and reported the industrial parcels not having any significant environmental impact.

The HDOT went a step further and reviewed the Final Environmental Impact Statement (FEIS) for the Hawaii Commercial Harbors 2020 Master Plan. In Section 4.4, Traditional Cultural Practices, the 2020 Master Plan stated that during the mid-1800s the focus of community life was on the Waiākea Pond and Wailoa River and not in the current harbor area (see: <https://hidot.hawaii.gov/harbors/files/2013/01/Hawaii-Commercial-Harbors-2020-Master-Plan-EIS.pdf>) The FEIS presented the oral history of Mr. John Moses who recalled the historic uses of the harbor was recreational fishing. The FEIS also recorded the oral history of Mr. John Keola Lake, who associated the coastline where Hilo Harbor is now located with fishing.

7. You asked “[w]hat mitigations are in place to communicate clearly the environmental impacts of more [industrial] movement in the harbor.” The HDOT’s mitigation measures regarding environmental impacts include the HDOT’s installation of light-emitting diode (LED) and solar lighting to reduce the use of electricity, installation of shielded lighting fixtures that meet the County of Hawai’i’s dark skies lighting requirements, and adoption of a stormwater management program, Mālama I Ka Wai, to protect the ocean waters.

8. You asked about the water quality of the coastline. The Draft EA shows that the acquisition will not have an impact on the water quality of the coastline. Comments from other government agencies overseeing water quality also state that the proposal to acquire the land will not have an impact to the water quality of Hilo Harbor.
9. You asked what benefits the harbor provides for the families who access the nearby beaches for recreational activities while also expressing concerns that the project will take away from the beauty of the area and the loss of recreational space. The proposed parcels to be acquired along Kalaniana'ole Street are currently used for industrial purposes and not recreational activities. As previously stated, the purpose of this project is to alleviate traffic congestion in the area around Hilo Harbor.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Louisa Lee <Louisa@kaumeke.net>
Sent: Monday, July 24, 2023 11:20 PM
To: Ronald Sato; dreanalee.k.kalili@hawaii.gov
Cc: Mona Ubedei; Kaaka Swain; Kamala Anthony; Michelle Nahale-a
Subject: [External] Keaukaha Community Hilo Harbor Expansion Project EA Feedback
Attachments: Hilo Harbor Expansion EA Feedback.pdf

Follow Up Flag: Follow up
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Aloha Kākou,

On behalf of Keaukaha Community Association, Lelewi Community Association, Ka 'Umeke Kā'eo Hawaiian Language Immersion Public Charter School, an Hui Ho'oleimaluō we would like to submit the attached feedback in regards to the Hilo Harbor Expansion Project EA. The feedback and questions posed were collected over the last week via community survey (55+ individual respondents), and informal and formal meetings between community members and organizations. If you would like additional information about the process by which the community was engaged or require any additional details please do not hesitate to contact the community representatives listed at the bottom of our communication. Mahalo in advance for your review and consideration of our feedback and questions.

Mahalo,
Louisa Lee

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Keaukaha Community Association
Ka 'Āina Ho'opulapula o Keaukaha.



Ka'Umeke Kā'eo
Hawaiian Immersion Public Charter School
I N K E A U K A H A

June 24, 2023

To: Harbors Deputy Director Dreanalee Kalili, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc.

Re: Environmental Assessment (EA) for the Hilo Harbor Expansion Project

From: Keaukaha Community Association, Lelewi Community Association, Hui Ho'oleimaluō, and Ka 'Umeke Kā'eo Hawaiian Language Immersion Public Charter School

We, the concerned members of the Keaukaha community, are writing to provide our shared feedback and raise several important questions regarding the proposed Hilo Harbor Expansion Project and the purchase of five parcels totaling 9.38 acres along Kalaniana'ole Street. We appreciate the opportunity to voice our opinions and seek transparency and inclusivity in understanding the impact of this project. Overall, our feedback primarily revolves around the need for transparent community engagement, careful consideration of the environment, impacts

on Keaukaha residents, and thorough economic assessments. We would also like to express our concerns about traffic management, access and exit routes for residents, and the potential displacement of businesses and cultural sites.

Feedback (collected via community survey):

Lack of Awareness: Our survey results indicate that a significant percentage of respondents (40%) were unaware of the Hilo Harbor Expansion Project, and 60% of respondents were unaware of the public meeting held on July 7, 2023 at Keaukaha Cafeteria. We believe that community engagement and communication with stakeholders is especially important and we have concerns about the lack of proper community notification and involvement throughout the EA process. There must be improved communication with the community members who will be directly affected by this project including residents of Keaukaha, those with genealogical ties to Keaukaha, and those who work and or go to school in Keaukaha.

Impact on Community Traffic: Given that Keaukaha residents face challenges with road congestion due to Kalaniana'ole being a one way in and one way out road, and our limited access points, we request detailed information on how this expansion will address traffic concerns for the community. We are not sure how effective the proposed expansion will be in reducing traffic congestion if the expansion is intended to accommodate future growth.

Environmental Impact: We are deeply concerned about the potential environmental consequences of this expansion. We would like more information on how this project will impact Keaukaha's unique waikai (brackish water) ecosystem and fragile coastal environment; especially in regards to overcrowded shorelines and beaches due to increased tourism from cruise ship visitors. Another concern we have is around the additional cargo staging areas and the increased risks this creates for introduction of invasive plant and animal species including fire ants, blister beetles, Madagascar lizards, and coqui frogs. Just this year a skunk was caught in Keaukaha after being brought over on a cargo ship. There is also a potential increase in pollution from truck exhaust (diesel in particular) if trucks are allowed to idle for extended periods of time.

Hawaiian Cultural and Historical Impacts: It is important to address any potential impact on historical sites, cultural or generational places, and recreational or cultural practice areas that may be affected by the acquisition of these properties. We are also concerned about the impact on Keaukaha's indigenous and local communities and their access to wahi pana and wahi kūpuna.

Economic Impact and Direct Community Benefits: We request a comprehensive economic analysis to determine the true value of the expansion, particularly concerning the impact of cruise ships on Hilo's economy. Additionally, we would like a clear understanding of the direct benefits expected for the Keaukaha Hawaiian Homestead community.

Impact on Existing Businesses: We are deeply concerned about the potential displacement of long-standing businesses due to this expansion. If these businesses are to be relocated, we would like to know the plans and support available to them during the transition.

Questions (please ensure any responses that reference the EA include page numbers for quick reference):

- Will the 9.38 acres be enough for this project and any planned expansion of the Harbor in the next 5-10 years?
- How will this expansion affect the quality of the water, families swim, paddle and sail in this area?
- Will this purchase of land take away historical sites, cultural or generational places? Will it take away any recreational or cultural practice areas?
- Is the economic impact on Hilo from cruise ships worth the added infrastructure?
- How does this affect road wear and tear and repairs?
- What are the environmental impacts of the boats?
- Aside from the general community at large benefits listed in the summary, what direct benefits are expected for the Keaukaha Hawaiian Homestead community?
- Many businesses (currently located on the parcels identified for purchase) have been there for many years and we know them personally. Why should they have to move? Where would they move to if that becomes the issue?
- We are concerned that we are losing a Commercial Certified kitchen that small kine cooks could rent at TMK 0004 one of the few in Keaukaha, will there be assistance to help with their re-location to another Keaukaha site?
- Does this mean whoever is doing the expansion will be taking land from businesses or even homes near the harbor area? And although this is supposed to help with traffic for Keaukaha residents, is this really to support the homesteaders or is this another ploy to increase tourism in our home of Keaukaha?
- How will it affect those of us who reside in Keaukaha? School/work traffic congestion- there is only one way in and out?
- Is it necessary to acquire that many acres? Is it still a left hand turn for all these semi trucks?
- Could the land by the airport be acquired to provide alternate routs? For example could the road nearest Pono's used cars be connected to the airport road? Or could a turn off lane on the makai side of the road specifically for harbor vehicles be made so the harbor traffic doesn't cause traffic for the community?
- What are the potential environmental impacts of the boats associated with the expansion?
- Has a TIAR report been conducted to assess the expansion's environmental and community impact?
- How will this project impact the Keaukaha community in terms of health, environment, and traffic congestion?

- Does the expansion plan aim to increase tourism in the Keaukaha community, and how will it affect the community's way of life?
- What measures will be taken to minimize pollution from trucks during the construction and operational phases?

We urge the State Department of Transportation, Harbors Division, Bowers+Kubota Consulting, Inc., and all relevant authorities to consider our concerns seriously and take them into account while making decisions regarding the Hilo Harbor Expansion Project. We believe that a transparent and inclusive approach to the project's development will help build trust and cooperation within the community. Please send the following community representatives updates and information on the Hilo Harbor Expansion project so that they may aid in disseminating information to our community members: Keaukaha Community Association Secretary Mona Ubedei at kcasecretary1924@gmail.com; Leleiwi Community Association President and Hui Ho'oleimaluō Executive Director Kamala Anthony at kamala.anthony@huihooleimaluo.com, and Ka 'Umeke Kā'eo PCS Po'okumu, Nohea Nahale-a at nohea@kaumeke.net.

Thank you for your attention to this matter. We eagerly await your response and look forward to engaging in a meaningful dialogue that considers the best interests of the Keaukaha community and its environment.

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKĀU
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EDWIN H. SNIFFEN
DIRECTOR
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Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0180

August 5, 2024

VIA EMAIL: louisa@kaumeke.net

Ms. Louisa Lee

Keaukaha Community Association, Leleiwi Community Association, Hui Ho'oleimalūo, and Ka 'Umeke Kā'eo Hawaiian Language Immersion Public Charter School

Dear Ms. Lee:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your email and attached letter sent on July 24, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with numbered responses as provided below. Your comments and this letter of response to both your emails will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your letter, you requested inclusivity and transparency to include community engagement with careful consideration of the environment, impacts on the Keaukaha residents, and concerns about traffic management, access and exit routes for residents, and the potential displacement of business and cultural sites. The Hawai'i Department of Transportation (HDOT) has followed a process of gathering information and receiving approvals before presenting the proposed project to the community. The HDOT prepared the Draft EA to collect information regarding the purpose of the project and its environmental impact in acquiring the parcels. Our proposed project has been open for public review and comment, and we thank you and everyone else who has participated in that process.

Please be informed that should there be a finding of no significant environmental impact (FONSI) regarding its proposed acquisition of the parcels and proceeds with the acquisition, the HDOT will retain a designer and provide the designer with the names and addresses of those community members that participated and provided comments to the Draft EA to ensure those community members are included in discussions regarding the alternative roadway improvement plans presented in the Draft EA. The designer can

present and explain the alternatives to the community in greater engineering detail at that time.

2. In your letter, you ask about the effectiveness of the roadway improvements. The purpose of this project is to alleviate traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency of cargo transportation, and improve safety within Hilo Harbor. This project will widen Kalaniana'ole Street, install a new left turn lane for four semi-trailers, and construct a multi-lane queuing area off of Kalaniana'ole Street to hold 15-18 semi-trailers.

While the Draft EA contains a traffic study sufficient for the Draft EA, the HDOT intends to have completed a traffic impact analysis report (TIAR) to provide additional information in order to address comments received, including the effectiveness of the roadway improvements.

3. In your letter, you expressed concerns about the potential environmental impact of the project. Please be informed the proposed parcels acquisitions are industrial properties. The Draft EA does not report finding any environmental impact from the HDOT's purchase of the parcels.

In addition, the HDOT will conduct its due diligence regarding the current uses and past uses of industrial activity at the privately owned parcels and will address the environmental concerns of the parcels, if any, with the property owners.

4. You also expressed a concern regarding additional cargo staging areas increasing the risks for the introduction of invasive plant and animal species. The additional cargo staging areas are for semi-trailers to stage inside the harbor as opposed to along Kalaniana'ole Street. The HDOT understands your concerns about invasive species and refers you to the Hawai'i Invasive Species Council. The HDOT is a member of the Council along with the Departments of Land and Natural Resources, Agriculture, Health, and Business, Economic Development and Tourism, and the University of Hawai'i. The Council assists in addressing these types of issues, and HDOT regularly works to implement measures to mitigate the introduction and spread of invasive species. For more information, see <https://dlnr.hawaii.gov/hisc/info/invasive-species-profiles/>.
5. You also commented about the potential increase in pollution from truck exhaust (diesel in particular) if trucks are allowed to idle for extended periods of time. The HDOT's proposal will minimize idling of semi-trailers, other diesel equipment, and automobiles by alleviating traffic congestion.
6. You expressed a concern about how the acquisition of the industrial properties along Kalaniana'ole Street may have an impact on the Hawaiian cultural and historical sites. The research conducting for the Draft EA did not report impacts to Hawaiian cultural and historical sites at the proposed parcels to be acquired. The HDOT also reviewed the Final Environmental Impact Statement (FEIS) for the Hawaii Commercial Harbors 2020 Master Plan. In Section 4.4, Traditional Cultural Practices, the FEIS stated that during the

mid-1800s the focus of community life was on the Waiākea Pond and Wailoa River and not in the current harbor area (see: <https://hidot.hawaii.gov/harbors/files/2013/01/Hawaii-Commercial-Harbors-2020-Master-Plan-EIS.pdf>) The FEIS presented the oral history of Mr. John Moses, who recalled that historic use of the harbor was recreational fishing. The FEIS also recorded the oral history of Mr. John Keola Lake, who associated the coastline where Hilo Harbor is now located with fishing.

7. You requested a comprehensive economic analysis to determine the true value of the proposed project to Hilo's economy. The value of the development of the roadway to Hilo's economy may be measured by the effectiveness of the design, the reduction in the number of vehicles not having to wait behind semi-trailers entering the harbor, and reduced delivery times of goods and cargo leaving the port bound for destination across Hawai'i Island.

Regarding your comments about the true economic value concerning the impact of cruise ships, the HDOT refers you to the Hawai'i Tourism Authorities website at <https://www.hawaiitourismauthority.org/media/11757/cruise-updates.pdf> for the economic contributions from cruise passengers' spending.

8. You asked whether the 9.38 acres be enough for this project and any planned expansion of the harbor in the next five to ten years. Given that the proposed project as presented in the Draft EA will occur over the next five to ten years, the 9.38 acres is enough for the development of this project. Independent of this land acquisition, the HDOT will also continue to make improvements within the harbor such as the recently removed Pier 3 shed and soon to be removed water tower. Both projects are intended to improve efficiency on the movement of cargo inside the harbors without the acquisition of new lands.
9. You asked how this expansion will affect the quality of the water for swimming, paddling, and sailing in this area. The development of the proposed parcels to be acquired is not recognized as an area currently used for swimming, paddling, or sailing.

Furthermore, the issue of water quality was researched, and the Draft EA reported the project will not have an impact the water quality of Hilo Bay.

10. You asked whether the purchase of the parcels will take away historical sites, cultural or generational places and any recreational or cultural practice areas. There is no record of the parcels having historical sites or cultural or generational places. The Draft EA found that the proposed parcels to be acquired are will not take away any recreational or cultural practice areas.
11. You asked whether the economic impact on Hilo from cruise ships is worth the added infrastructure. The proposed project is to alleviate vehicular traffic along the entrances into the harbor along Kalaniana'ole Street and does not expand the harbor for more cruise ships to enter.

You also asked how this project will affect the wear and tear of road repairs. The purchase of the parcels will not immediately affect the wear and tear of the road. However, there will be wear and tear from trucks entering the proposed parcels to dispose of the building materials if there is no space within the harbor to stockpile the material. In addition, when a construction firm is selected, the HDOT will have the construction firm discuss its plans and use of the roadways to mitigate traffic during the construction phase.

12. You asked about the environmental impacts of the boats associated with the land acquisition and expansion of the harbor. The purchase of the parcels does not include boats.
13. You asked what direct benefits are expected for the Keaukaha Hawaiian Homestead community. The direct benefit for the Keaukaha Hawaiian Homestead community is the installation of roadway improvements, which will minimize wait time behind trucks entering the harbor.
14. You asked why the businesses which are currently located on the parcels identified for purchase should have to move. You also asked where the current tenants will move, including a commercial certified kitchen that cooks could rent at TMK 004. Please be informed that the HDOT has been coordinating with the property owners of the privately-owned parcels proposed for acquisition under this project since February 2020.

Please be further informed we are still in the process of negotiating purchase of the properties in question, which includes the current property owners providing our office lease information of the existing businesses operating on the parcels. As the HDOT has done with its past land acquisitions, after we acquire the property, we can then negotiate options with the existing businesses, which includes remaining on the properties until the lease expiration date or negotiating an earlier end date to the leases. Existing tenants are aware of how we intend to use the land we are seeking to purchase. Section 4.3.1 of the Draft EA addresses the project's social effects on existing businesses associated with the properties proposed for acquisition, and Section 4.3.2 addresses economic and fiscal factors.


15. You asked if this project is "a ploy to increase tourism in our home of Keaukaha." This is not a ploy to increase tourism, and as previously stated, this project is meant to alleviate traffic congestion.
16. You also asked how will the HDOT's proposal will affect the residents in Keaukaha. As stated above, this project is meant to alleviate traffic congestion. In addition, when a construction firm is selected, the HDOT will have the construction firm discuss its plans and use of the roadways during the construction phase to mitigate traffic.
17. You asked whether the land by the airport can be acquired to provide alternate routes and provided an example in the use of the road nearest Pono's Used Cars. The HDOT considered the alternative route you suggested and appreciates the suggestion. Unfortunately, after evaluation this proposed concept is not feasible. Semi-trailer drivers appear to use the most time-efficient route to deliver cargo and this roadway near the

airport is not time-efficient. In addition, this suggested route still requires making a right turn onto Kalaniana'ole Street and a left turn into the Hilo Harbor. The traffic congestion would remain at the entrances to the harbor along Kalaniana'ole Street.

18. You asked if a Traffic Impact Analysis Report (TIAR) was conducted to assess the environmental and community impact. A TIAR was not conducted. Section 5.5 Transportation Facilities includes the Fehr & Peers Transportation Study for this Project included as Appendix E of the Draft EA. The report is a technical study, and sufficient for the Draft EA. Should there be a finding of no significant environmental impact (FONSI) regarding its proposed parcels acquisition, the HDOT will retain a designer to complete a TIAR. The information will be needed to design the improvements and discuss the findings with the community.
19. You asked how this project will impact the Keaukaha community in terms of health, environment, and traffic congestion. As previously stated, this project will alleviate traffic congestion in the area around Hilo Harbor.
20. You asked what measures will be taken to minimize pollution from trucks during the construction and operational phases. The HDOT recognizes the need to lower carbon emissions from semi-trailers and other diesel equipment and is working to address this through efforts independent of this project. However, HDOT recognizes that the reduction in traffic congestion resulting from the acquisition of the parcels and the subsequent re-design of the roadway will also reduce truck idling and the associated emissions from these trucks.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Jim Marquez <jimmarquez@me.com>
Sent: Friday, June 30, 2023 1:58 PM
To: Ronald Sato
Subject: [External] A response from the community
Attachments: 6302023 warehouse area uses.pages

Follow Up Flag: Follow up
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Hello

It may not be the exact place in the document to make suggestion on the use of land included in the EIS.

The community can be served in many ways by incorporating the culture with the harbor expansion.

Although not typical of the port activities, it is part and parcel to the big island that the sea plays a part in their lives.

It is obvious that this cannot be a water access but other things can be incorporated.

Thank you, Jim Marquez

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JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0181

August 5, 2024

VIA EMAIL: jimmarquez@me.com

Mr. Jim Marquez

Dear Mr. Marquez:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on June 30, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Unfortunately, we were not able to open the attachment in your email. The Hawai'i Department of Transportation (HDOT) was informed that its consultant made attempts to contact you regarding the attachment but were unsuccessful. Your comments and this letter of response to your email will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

In your email you indicate "[t]he community can be served [in] [m]any ways by incorporating the culture with the harbors expansion." Please be informed should there be a finding of no significant environmental impact (FONSI) regarding its proposed parcels acquisition, the HDOT will retain a designer to discuss the alternative plans with the community in greater engineering detail. There may be an opportunity for the HDOT to proceed with this project and another opportunity to submit your ideas at a community meeting or to the HDOT at the contact information provided below.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Nan Kitagawa <nan@ikitagawa.com>
Sent: Wednesday, July 12, 2023 4:49 PM
To: dreanalee.k.kalili@hawaii.gov; Ronald Sato; Phyllis Fujimoto; Yuen, William W.L.
Subject: [External] Kumau Street and Proposed Harbor Construction and Land Acquisition
Attachments: Kumau Street Detail entrance(124157708.1).pdf; Kumau St Hilo Harbor Land Proposal.docx

Follow Up Flag: Follow up
Flag Status: Completed

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Dear Ms. Kalili and Mr. Sato,

Please see the attached letter and map. I realize that our property is not one of the affected lots, however, I did want to express my concerns regarding the proposed construction which will have an effect on our business.

Thank you,

--

Nan I. Kitagawa
President
I. Kitagawa & Company Ltd.
808-934-5200
nan@ikitagawa.com

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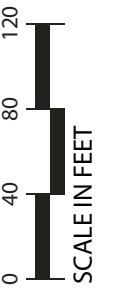
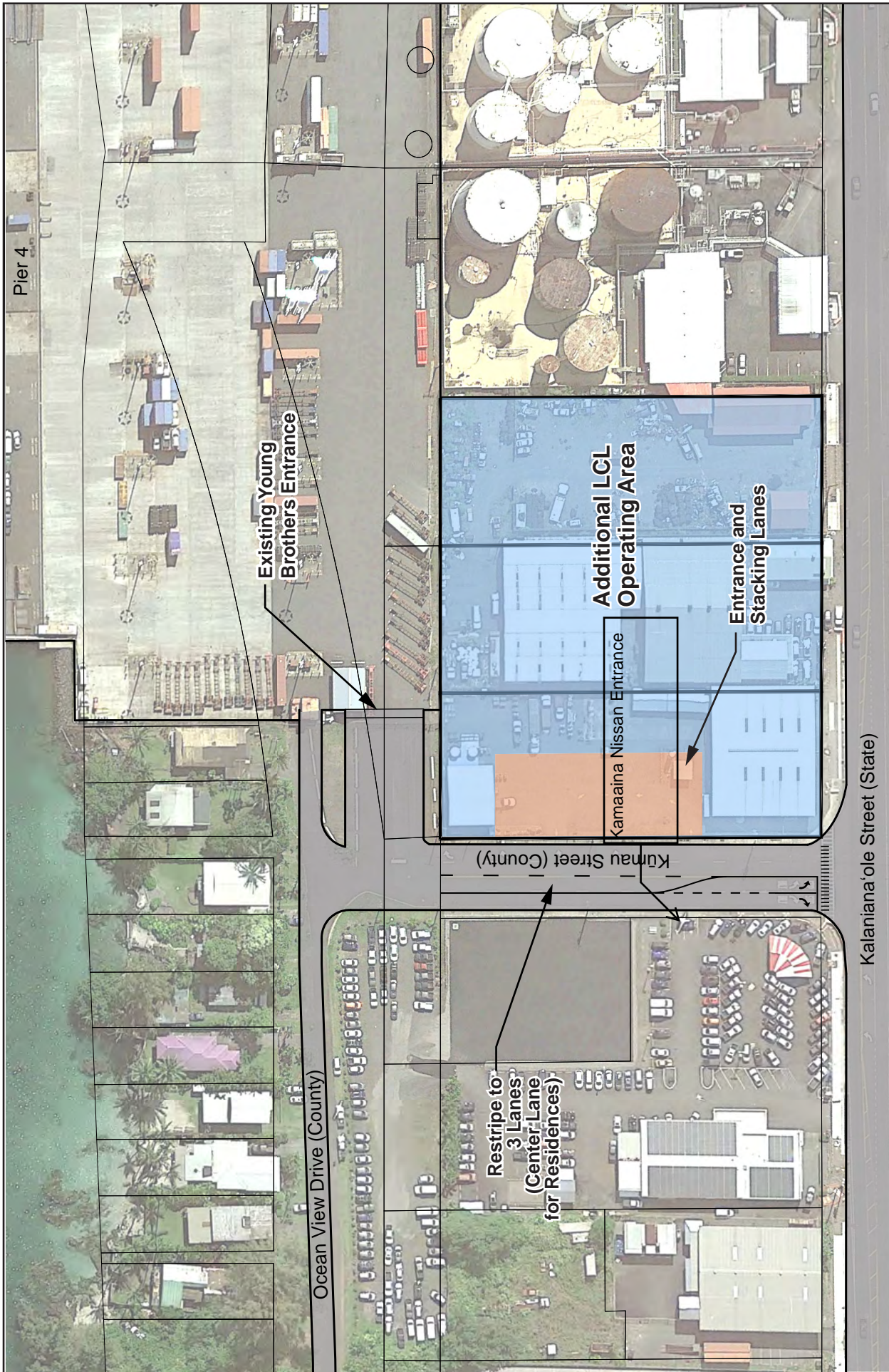


Figure 2.5
CONCEPTUAL SITE PLAN OF KŪMAU STREET
IMPROVEMENTS



**I. Kitagawa
& Company, Limited**

400 E. KAWILI STREET, HILO, HAWAII 96720. TELEPHONE (808) 934-5200, FAX (808) 935-1529

July 7, 2023

Via email: dreanalee.k.kalili@hawaii.gov
Dreanalee K. Kalili
Deputy Director - Harbors Division
State of Hawai'i Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813

Via email: rsato@bowersandkubota.com
Ronald Sato
Bowers and Kubota
2153 North King Street, Suite 200
Honolulu, HI 96819

Re: Private Lands Acquisition and Development, Hilo Harbor Project

Ladies and Gentlemen:

I write on behalf of I. Kitagawa & Company, Ltd., the President and occupant of real property at 471 Kalaniana'ole Street and 55 Kūmau Street, Hilo, Hawai'i 96720, identified as Hawai'i Tax Map Key Nos. 2-1-07:07 and 03, respectively. We operate the Kama'aina Nissan automobile dealership on these properties.

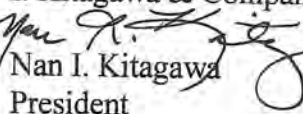
We neither support nor oppose the Department of Transportation - Harbors Division acquiring Hawai'i Tax Map Key Nos. 2-1-07:04, 05 and 46 to create a new driveway entrance and stacking lanes for less than container load (LCL) trucks off Kūmau Street. However, we ask that DOT-Harbors consider the impact of its expansion plans on the local Hilo business community.

We need to bring to your attention that an entrance to and exit from the Kama'aina Nissan lot is on Kūmau Street, as the entrance on Kalaniana'ole Street is constrained by the lack of a left turn storage lane on Kalaniana'ole Street for customers to turn into our lot. We ask that before DOT-Harbors executes its proposal to restripe Kūmau Street from four lanes to three lanes, DOT - Harbors prepare an amended Traffic Impact Assessment Report ("TIAR") to consider the impact of the proposal on local traffic as well as truck traffic into Hilo Harbor. We do not want our Kūmau Street driveway to be rendered unusable by the restriping of traffic lanes on Kūmau Street.

I have marked the location of our driveway on the attached map for your consideration.

Thank you for the opportunity to comment.

Very truly yours,
I. Kitagawa & Company, Ltd.


Nan I. Kitagawa
President

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0182

August 5, 2024

VIA EMAIL: nan@ikitagawa.com

Ms. Nan Kitagawa, President
I. Kitagawa & Company, Ltd.

Dear Ms. Kitagawa:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email and attached letter sent on July 12, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Your comments and this letter of response to your email and attached letter will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

In your letter, you expressed your concerns about how the proposed project will affect your business, and you wanted the Hawai'i Department of Transportation (HDOT) to conduct a traffic impact analysis report (TIAR) to consider the impact of the proposed project on local traffic. Please be informed that should there be a finding of no significant environmental impact (FONSI) regarding its proposed parcels acquisition and it proceeds with the acquisition, the HDOT will retain a designer to complete a TIAR. The TIAR will provide the detailed information needed to design the improvements and discuss the findings with the community.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Schneider <etmm@yahoo.com>
Sent: Sunday, July 9, 2023 10:42 AM
To: Ronald Sato
Subject: [External] Hilo harbor draft EA

Follow Up Flag: Follow up
Flag Status: Completed

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Please proceed I concur, expansion of the harbor is necessary.

DJ Schneider
Keaau

[Sent from Yahoo Mail on Android](#)

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JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0183

August 5, 2024

VIA EMAIL: etmm@yahoo.com

Mr. DJ Schneider

Dear Mr. Schneider:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on July 9, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. Your comments and this letter of response to your email will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

Thank you for your support of the project and your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

A handwritten signature in cursive script that reads "Dreanalee Kalili".

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Aaron Stene <aaron@aaronstene.net>
Sent: Wednesday, July 12, 2023 8:06 AM
To: Ronald Sato
Cc: jchang@bowesandkubota.com
Subject: [External] Hilo Harbor Expansion Concern

Follow Up Flag: Follow up
Flag Status: Completed

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-
- #1 Someone submitted this reader comment regarding the article about the proposed Hilo Harbor expansion. He asserts that a full EIS should be conducted due to the negative economic impact this land acquisition will have on the surrounding community. This proposed acquisition may impact 26 businesses with
- #2 approximately 100 employees. These businesses apparently have nowhere else to go if this acquisition goes through. This potential impact needs to be studied carefully or the state may be facing litigation.
- #3 "This is a tough one. Too tough to take a side on. Clearly the growth of population (and volume of goods coming in) requires that the support facilities for the long-term (next 100 years) functioning of the Hilo harbor be significantly expanded. Whether it has to be provided via the layout being "assessed" (that's another matter here, too), or whether some existing or new facilities can be compressed vertically or moved offsite (within the general vicinity) in a way that actually improves private sector synergies (private trans-shipping storage yards and work buildings) with harbor-based movement of goods and vehicles - that's something that perhaps could be studied better?"
- #4 "And clearly, this is WAY too significant a topic to cram through a fast-action, "oh, but we hear you" "Environment Assessment" (EA). The State law (HRS 345-5) about environment study requirements REQUIRES a full "Environment Impact Statement" (EIS) for action that MAY have a significant impact on the environment in any context (natural, social, economic). No thinking person, and surely no State court judge, would decide that this is so minor and inconsequential that a simple EA is just peachy keen fine. Some 12(?) years ago, Circuit Court judge Ronald Ibarra ruled that the County had to present a full EIS for a church wanting to renovate an old cliff-top, oceanfront house at Heeia Bay (Keauhou) into what was to be essentially a vacation rental and small meeting facility. That's a precedent if there ever was one!"

Aaron Stene
aaron@aaronstene.net
808-333-0996

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0184

August 5, 2024

VIA EMAIL: aaron@aaronstene.net

Dear Mr. Aaron Stene

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on July 12, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments from both emails and numbered responses as provided below. Your comments and this letter of response to your email will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your email, you stated that the proposed acquisition may impact 26 businesses with approximately 100 employees. You expressed concern that these businesses apparently have nowhere else to go, and the State may face litigation. Hawai'i Department of Transportation (HDOT) has been coordinating with the property owners of the privately-owned parcels proposed for acquisition under this project since February 2020. We are still in the process of negotiating purchase of the properties in question, which includes the current property owners providing us information on the leases held by the existing businesses operating on the parcels.

Should there be a finding of no significant environmental impact (FONSI) regarding its proposed parcels acquisition, the HDOT, as has been done with its past land acquisitions, can negotiate options with the existing businesses after we acquire the properties, which includes remaining on the properties until the lease expiration date or negotiating an earlier end date to the leases. Existing tenants are aware of how we intend to use the land we are seeking to purchase. Section 4.3.1 of the Draft EA addresses the project's social effects on existing businesses associated with the properties proposed for acquisition, and Section 4.3.2 addresses economic and fiscal factors.


2. You also asked whether some existing or new facilities can be compressed vertically or moved offsite in a way that improves private sector synergies with harbor-based

movement of goods and vehicles. The current cargo demand and associated movement of cargo for Hilo, coupled with the existing facilities within the harbor, do not support a multi-level cargo facility.

3. You also stated that a full Environmental Impact Statement (EIS) is necessary. You expressed concern that an Environmental Assessment is a “fast-action” process. The HDOT believes that the Draft EA meets the requirement of Hawai‘i Revised Statutes Chapter 343, and we respectfully disagree with your assessment and your categorization that an EA is a “fast-action” process. The HDOT has made a reasonable and good faith effort in preparing the Draft EA in accordance with the environmental process set out in state law.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

Ronald Sato

From: Nani Vermillion <nani@bigislandhomesandland.com>
Sent: Monday, July 24, 2023 4:47 PM
To: Ronald Sato
Cc: Greg Gadd
Subject: [External] Hilo Harbor Report Comment

Follow Up Flag: Follow up
Flag Status: Flagged

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Aloha, Mr. Sato;

We have reviewed the Bowers + Kubota report on the Department of Transportation's plans to expand the Hilo Harbor. We manage four of the five parcels being looked at as part of the expansion project.

We are very concerned that there is no mention about the tenants, their employees, and other businesses in the area that will be negatively impacted as part of this expansion. We have almost 30 tenants that would be displaced as part of this project including Conen's Transport, Service Rentals, Hilo Auto Sales, Hilo Food Hub, and Hoppa On Hoppa Off. These companies employ roughly 100 people, who have not been considered in this report. There is also Keaukaha General Store, a pillar in the community for over a decade, that will be hugely impacted by the construction and the absence of these other local businesses in the area.

This study should be modified to include the impact on these local companies and fairly compensating them if relocation is necessary. Thank you for your consideration.

Regards,
Nani

Nani Vermillion, RB 23853
Big Island Homes & Land Co., Ltd.
(808) 935-6874 - Office
nani@bigislandhomesandland.com
www.bigislandhomesandland.com

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JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0185

August 5, 2024

VIA EMAIL: nani@bigislandhomesandland.com

Ms. Nani Vermillion
Big Island Homes & Land Company, Ltd.

Dear Ms. Vermillion:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for the email sent on July 24, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments from your email with numbered responses as provided below. Your comments and this letter of response to your email will be included in Chapter 7 of the Final Environmental Assessment (FEA) as part of this environmental review process.

1. In your email, you expressed a concern that the Draft EA did not mention tenants, the tenants' employees, and other businesses that will be negatively impacted as a part of the expansion. The existing tenants on the properties proposed for acquisition were identified and described in Section 1.4.3 including tenants Conen's Transport, Service Rentals, Hilo Auto Sales, Hilo Food Hub, and Hoppa On Hoppa Off.

The Hawai'i Department of Transportation (HDOT) has been coordinating with the property owners of the privately-owned parcels proposed for acquisition under this project since February 2020. We are still in the process of negotiating purchase of the properties in question, which includes the current property owners providing us information on the leases held by the existing businesses operating on the parcels. As the HDOT has done with its past land acquisitions, after we acquire the properties, we can then negotiate options with the existing businesses, which includes remaining on the properties until the lease expiration date or negotiating an earlier end date to the leases. Existing tenants are aware of how we intend to use the land we are seeking to purchase. Section 4.3.1 of the Draft EA addresses the project's social effects on existing businesses associated with the


properties proposed for acquisition, and Section 4.3.2. addresses economic and fiscal factors.

2. You also expressed concern regarding the impact the construction will have on the Keaukaha General Store. The majority of work would occur within the proposed parcels to be acquired. Section 3.1.3 addressed short-term construction related effects. Various minimization measures using standard construction best management practices (BMPs) would be incorporated into the project's design to minimize potential short-term effects on surrounding areas. The HDOT will include discussion regarding the project's effect on the Keaukaha General Store in Section 4.3.2 of the FEA.

The HDOT will also include into the scope of work a traffic impact analysis report (TIAR), which will provide the detailed information needed to design the improvements in the area.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

QUESTIONS & COMMENTS

- ① How will the traffic affect the community of Keaukaha?
- ② Will they have two lanes? 1 Lane for trucks + another lane for traffic to Keaukaha community.
- ③ Are there other vacant lands that can be used for this project.

Eloise Pung / Catta Rapozo-Pung
NAME:

eloisepung@gmail.com
EMAIL OR ADDRESS



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

DEP-HAR.25.0186

August 5, 2024

VIA EMAIL: eloisepung@gmail.com

Ms. Eloise Pung and Ms. Odetta Rapozo-Pung

Dear Ms. Pung and Ms. Rapozo-Pung:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your written comment card submitted at the public information meeting on July 5, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with numbered responses as provided below. Your comments and this letter of response will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your written comments, you asked how the traffic will affect the community of Keaukaha. You also asked if there will be two lanes. The purpose of this project is to alleviate traffic congestion along Kalaniana'ole Street, improve mobility associated with harbor entrances, support operational efficiency of cargo transportation, and improve safety within Hilo Harbor. The project will not create two lanes. Rather, this project will widen Kalaniana'ole Street, install a new left turn lane for four semi-trailers, and construct a multi-lane queuing area off of Kalaniana'ole Street to hold 15-18 semi-trailers.

Please be informed, should there be a finding of no significant environmental impact (FONSI) regarding its proposed parcels acquisition and proceeds with the acquisition, the HDOT will retain a designer and require the designer to discuss the alternative plans with the community in greater engineering detail at that time.

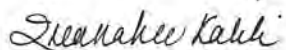
2. In your written comments, you also asked if there are other vacant lands that can be used for this project. The parcels proposed for acquisition touch the boundaries of the harbor, allowing the proposed parcels to consolidate with the harbor property and its security measures. The added lands will provide the space to support cargo transport activities and improve safety in operations within and around the harbor.

Ms. Eloise Pung and Ms. Odetta Rapozo-Pung
August 5, 2024
Page 2

DEP-HAR.25.0186

Thank you for your participation in this process. If you have any questions regarding this response, you can contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

QUESTIONS & COMMENTS

- ① When would you look at how this project affects the people currently employed in the Acreage that Harbors would like to acquire.
- ② Are you looking at 5 years down the road with the increase of the population and increase business.
- ③ Desplau buximum / Aca Kaha Gnu de.
(Indic)

Carla Papzo Puy / Eloise Puy
NAME:

orp2124@outlook.com

EMAIL OR ADDRESS

* Bottom line = even if the community does not agree — the project will move forward —

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
869 PUNCHBOWL STREET
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EDWIN H. SNIFFEN
DIRECTOR
KA LUNA HO'OKELE

Deputy Directors
Nā Hope Luna Ho'okele
DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0187

August 5, 2024

VIA EMAIL: orp2124@outlook.com

Ms. Odetta Rapozo-Pung and Ms. Eloise Pung

Dear Ms. Rapozo-Pung and Ms. Pung:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your written comment card submitted at the public information meeting on July 5, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with numbered responses as provided below. Your comments and this letter of response will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In the written comments, you asked when will the department look at how this project affects the people currently employed at companies with leases on the parcels. Hawai'i Department of Transportation (HDOT) has been coordinating with the property owners of the privately-owned parcels proposed for acquisition under this project since February 2020. We are still in the process of negotiating purchase of the properties in question, which includes the current property owners providing us information on the leases held by the existing businesses operating on the parcels. As the HDOT has done with its past land acquisitions, after we acquire the properties, we can then negotiate options with the existing businesses, which includes remaining on the properties until the lease expiration date or negotiating an earlier end date to the leases. Existing tenants are aware of how we intend to use the land we are seeking to purchase. Section 4.3.1 of the Draft EA addresses the project's social effects on existing businesses associated with the properties proposed for acquisition, and Section 4.3.2. addresses economic and fiscal factors.
2. In your written comments, you asked if the HDOT is planning for the future with the increase of population and increase in business. The HDOT does plan for the future. For example, while the HDOT prepares plans such as the 2020 Hawaii Island Master plan, we also prepare plans such as our updated 2035 Hawai'i Island Commercial Harbors plan (see:

<https://hidot.hawaii.gov/harbors/harbor-users/hawaii-island-master-plans-environmental-documents/>.

You also commented about the displacement of the businesses and potential disruption to the Keaukaha Store. Regarding the Keaukaha General Store, the majority of work would occur within the proposed parcels to be acquired. Section 3.1.3 addressed short-term construction related effects. Various minimization measures using standard construction best management practices (BMPs) would be incorporated into the project's design to minimize potential short-term effects on surrounding areas. The HDOT will include discussion regarding the project's effect on the Keaukaha General Store in Section 4.3.2 of the FEA.

The HDOT will also include into the scope of work a traffic impact analysis report (TIAR), which will provide the detailed information needed to design the improvements in the area.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

QUESTIONS & COMMENTS

- 1) ANALYSIS ON 16 FCL TRUCK.
 - 1) IS THIS SUFFICIENT
 - 2) ~~NEED~~ INCREASE TO # ABOVE 16 WHEN (2030)
- 2) ENVIRONMENT ANALYSIS - COMPLIANCE
 - CHEMICAL
 - WATER
 - PURPOSE OF THE ANALYSIS

NEAL AKI

NAME:

NAKI94404@YAHOO.COM

EMAIL OR ADDRESS

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
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ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0188

August 5, 2024

VIA EMAIL: naki94404@yahoo.com

Mr. Neal Aki

Dear Mr. Aki:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your written comment card submitted at the public information meeting on July 5, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with numbered responses as provided below. Your comments and this letter of response will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

1. In your written comments, you asked whether the proposed project will be sufficient and if there will be a need to increase capacity in the year 2030. The purpose of the Draft EA is to describe the use of the proposed acquisition of the parcels. Based on the Fehr & Peers Transportation Study prepared for this Project and included as Appendix E of the Draft EA, we believe this storage capacity would be sufficient to accommodate both current operations and future conditions up to and beyond the year 2030.
2. In your written comments, you appear to raise concerns about the environmental analysis compliance regarding chemicals and water and ask for the purpose of the analysis. The purpose of the environmental analysis and the review conducted is to identify and disclose project effects, which will then be evaluated by the HDOT. The various sections of the Draft EA addressed the project's effect on a wide range of environmental resources that included hazardous materials (chemicals from existing industrial businesses) surface water resources, and water quality associated with Hilo Bay.

Planning, design, and construction of any improvements on the parcels targeted for acquisition will, in the normal course, include the identification of and mitigation of any existing hazardous materials found on those parcels.

Mr. Neal Aki
August 5, 2024
Page 2

DEP-HAR.25.0188

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

QUESTIONS & COMMENTS

Draft EA review process:

Keaukaha residents have just endured 5yrs of road repairs - it seems that the HH changes will again significantly impact again those that live in the area. How does your project ~~can~~ reassure the community that the traffic flow will not be impacted negatively

Note: Design/Construction proposed outline does not make sense i.e. lanes crossing trucks/pec

NAME:

L. Lucero

EMAIL OR ADDRESS lucerolaverne@gmail.com

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
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DREANALEE K. KALILI
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ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0189

August 5, 2024

VIA EMAIL: lucrolaverne@gmail.com

Ms. La Verne Lucero

Dear Ms. Lucero:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

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In your written comments, you shared having experienced five years of road repairs and asked what assurances we can provide that traffic flow will not negatively impact the community. This project plans to use the parcels to be acquired to improve a section along Kalaniana'ole Street by creating a stacking and merge lane for trucks to alleviate traffic congestion and improve mobility. A ground transportation staging area inside the harbor gates will also be developed to allow vehicles accommodating cruise ship passengers to relocate away from Kalaniana'ole Street and other nearby areas.

In the long term, these improvements aim to improve traffic flow, reduce conflicts, and increase safety between vehicles accessing the harbor and other roadway users. While the majority of the work would occur within the proposed parcels to be acquired, we do expect some disruption to traffic during construction activities. Various minimization measures using standard construction best management practices (BMPs) would be incorporated into the project's design to minimize potential short-term effects on surrounding areas.

Ms. La Verne Lucero
August 5, 2024
Page 2

DEP-HAR.25.0189

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,



DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.

QUESTIONS & COMMENTS

Robyn Riedel rnb20042@gmail.com
(808) 217-5163

Suggest that we have a KCA
Community Board meeting before holding
a community meeting. Let uncle
Pet Kawainohola

NAME:

EMAIL OR ADDRESS

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII'
DEPARTMENT OF TRANSPORTATION | KA 'OIHANA ALAKAU
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DREANALEE K. KALILI
TAMMY L. LEE
CURT T. OTAGURO
ROBIN K. SHISHIDO

IN REPLY REFER TO:

DEP-HAR.25.0190

August 5, 2024

VIA EMAIL: mnb20042@gmail.com

Ms. Robyn Riedel

Dear Ms. Riedel:

Subject: Hawai'i Revised Statutes, Chapter 343, Draft Environmental Assessment Anticipated Finding of No Significant Impact; State Department of Transportation, Harbors, Private Lands Acquisition and Development, Hilo Harbor Project; Tax Map Key Nos. (3) 2-01-007: 004, 005 and 046; (3) 2-01-009: 003 and 004; Hilo, Hawai'i

Thank you for your written comment card submitted at the public information meeting on July 5, 2023, in which you provided comments on the Draft Environmental Assessment (Draft EA) for the State of Hawai'i Department of Transportation, Harbors Private Lands Acquisition and Development, Hilo Harbor Project. This letter responds to your comments with responses as provided below. Your comment and this letter of response will be included in Chapter 7 of the Final Environmental Assessment as part of this environmental review process.

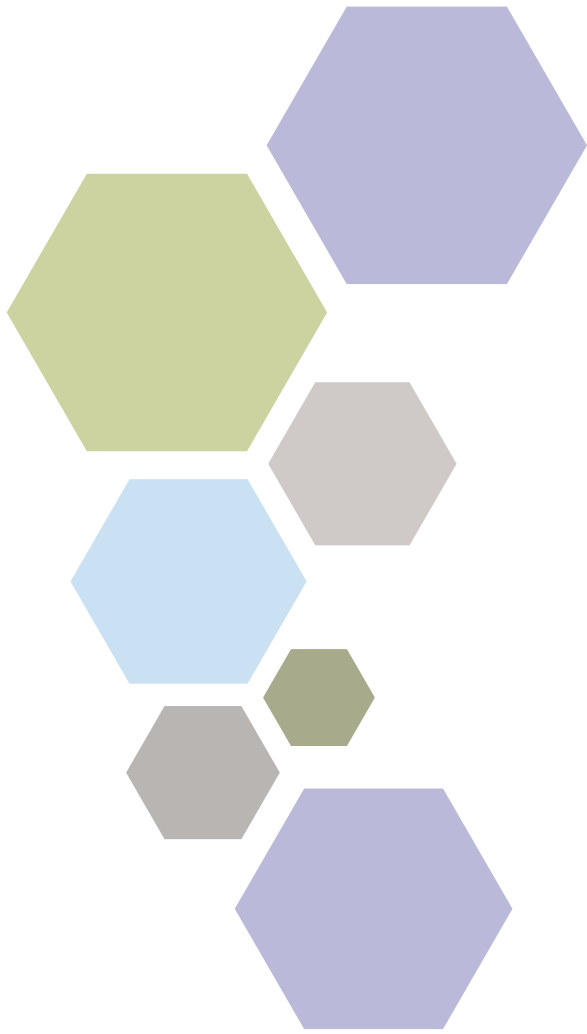
In your written comments, you suggested we have discussions with the Board of the Keaukaha Community Association. During the July 5, 2023 meeting, we committed to future meetings with the community as this project progresses, and we look forward to continued discussions with Keaukaha Community Association.

Thank you for your participation in this process. If you have any questions regarding this response, you may contact me via email at dreanalee.k.kalili@hawaii.gov. You may also contact our consultant, Mr. Ronald A. Sato, of Bowers+Kubota Consulting, Inc., at (808) 829-9387 or via email at rsato@bowersandkubota.com.

Sincerely,

DREANALEE K. KALILI
Deputy Director of Transportation for Harbors

c: Ronald Sato, Bowers+Kubota Consulting, Inc.



APPENDIX B

Photos of Project Area



Photo 01. View of Hilo Breakwater



Photo 02. View of Water Tank Near U.S. Customs Building



Photo 03. View of Pier 1



Photo 04. View of Pier 2 and Associated Building



Photo 05. View of Pier 3 Cargo Yard Area



Photo 06. View of Pier 4 Cargo Yard Area



Note: Photos Shown Are Taken From 2022
or Earlier Unless Otherwise Noted.

APPENDIX B
Photos of Existing Conditions



Photo 07. View of Chassis Storage in Interisland Container Area



Photo 08. View of Pier 1 Used for Cruise Ships and Passengers



Photo 09. View of Interisland Cargo Area Behind Parcel 4



Photo 10. View of Pier 4 Cargo Operations Area with Containers



Photo 11. Makai View of Kumau Street



Photo 12. Makai View of Kuhio Street



Note: Photos Shown Are Taken From 2022 or Earlier Unless Otherwise Noted.

APPENDIX B
Photos of Existing Conditions



Photo 13. Mauka View of Kahanu Street Exit at Security Gate



Photo 14. View of Kalaniana'ole Street Eastbound at Kumau Street (May 2023 Photo)



Photo 15. View of Kalaniana'ole Street Eastbound Past Kumau Street (May 2023 Photo)



Photo 16. View of Kalaniana'ole Street Westbound at Kuhio Street (May 2023 Photo)



Photo 17. View of Kalaniana'ole Street Westbound Past Kuhio Street (May 2023 Photo)



Photo 18. View of Parcel 1 Airgas (TMK 2-1-007: 005)



Note: Photos Shown Are Taken From 2022 or Earlier Unless Otherwise Noted.

APPENDIX B
Photos of Existing Conditions



Photo 19. View of Parcel 2 (2-1-7-004) Buildings at Entrance



Photo 20. View of Buildings Present at Parcel 2



Photo 21. View of Other Buildings Located at Parcel 2



Photo 22. View of Parcel 3 (2-1-7-046) Buildings



Photo 23. View of Parcel 3 Building



Photo 24. View of Parcel 4 (2-1-9-004) at Corner of Kuhio Street



Note: Photos Shown Are Taken From 2022 or Earlier Unless Otherwise Noted.

APPENDIX B
Photos of Existing Conditions



Photo 25. View Parcel 4 Driveway Entrance Along Kuhio Street



Photo 26. View of Parcel 4 Buildings Along Kalaniana'ole Street



Photo 27. View of Other Buildings on Parcel 4



Photo 28. View of Parcel 5 (2-1-9-003) Building Along Kahanu Street



Photo 29. View of Parcels 4 and 5 from within Hilo Harbor



Note: Photos Shown Are Taken From 2022 or Earlier Unless Otherwise Noted.

APPENDIX B
Photos of Existing Conditions



APPENDIX C

Avian and Terrestrial Mammals Survey

A Natural Resources Assessment for
Proposed Hilo Port Land Acquisition Island of Hawai'i

June 2022
Prepared by: AECOS, Inc.

A natural resources assessment for proposed Hilo Port land acquisition Island of Hawai'i



AECOS Inc.
45-939 Kamehameha Highway
Suite 104
Kāne'ōhe, Hawai'i 96744

June 13, 2022

A natural resources assessment for proposed Hilo Port land acquisition Island of Hawai'i

June 13, 2022

AECOS No. 1688

Reginald E. David, Eric B. Guinther, and David Miranda

AECOS Inc.
45-939 Kamehameha Highway Suite 104
Kāne'ōhe, Hawai'i 96744
Phone: (808) 234-7770 Fax: (808) 234-7775 Email: guinther@aecos.com

Introduction

AECOS Inc. was contracted by BCH Design to conduct a terrestrial natural resources survey of six parcels (TMKs: 3-2-1007: 005, 3-2-1007: 004, 3-2-1007: 046, 3-2-1009: 004, and 003) adjacent to the port of Hilo, Island of Hawai'i (Figure 1). This report presents results from that survey¹.

Site Description

The survey area comprises several properties in two contiguous sets, located along Kalaniana'ole Street in Hilo, Hawai'i. The parcels extend from Kumau Street on the west to Kahanu Street on the east (Figure 2). All are presently occupied by various businesses of a light industrial nature, such as Airgas and Conen's Freight Transportation. All parcels are paved and with large warehouse-type structures developed on them.

¹This report is intended to become part of the public record and incorporated into an EA for the subject project.

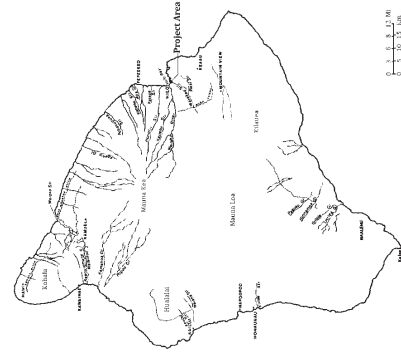


Figure 1. Project location on the Island of Hawaii'i.

Methods

Botanical Survey

AECOS botanist David Miranda surveyed the Project sites on February 1, 2022. Plant species were identified as they were encountered. Species names follow *Manual of the Flowering Plants of Hawai'i* (Wagner, Herbst, & Sohmer, 1990; Wagner & Herbst, 1999) for native and naturalized flowering plants, *Hawai'i's Ferns and Fern Allies* (Palmer, 2003) for ferns, and *A Tropical Garden Flora* (Staples & Herbst, 2005) for ornamental plants. More recent name changes for naturalized plant species follow Imada (2019).

Terrestrial Vertebrates Survey

Avian Survey

A survey for birds was conducted by Reginald David in the morning hours of February 1, 2022. Birds were identified to species by audio and visual observation aided by Leica 8 X 42 binoculars, and by listening for vocalizations. Avian species abundance was estimated from three count-stations, located at the Airgas facility, the U.S. Border and Customs lot (roughly the middle of the survey area) and Conan's Freight Transportation. A single eight-minute avian point-count was made at each of the count-stations. Weather conditions were heavy overcast with light rains at the beginning of the survey. Winds were between 1 and 5 kilometers an hour. The avian phylogenetic order and nomenclature used in this report follows the *AOU Check-List of North and Middle American Birds 2021* (Chesser et al., 2021).

Mammalian Survey

A list was made of mammals encountered during the survey. Indicators of mammalian presence, such as tracks, scat, and other sign were noted. Mammalian phylogenetic order and nomenclature follow *Mammal Species of the World* (Wilson and Reeder, 2005). Hawaiian names are given for native species.

Results

Vegetation

Most of the developed properties have small setback spaces between a building and a perimeter fence or roadway (Figure 3) and other disturbed areas



Figure 2. Areas (outlined in red) surveyed at Port of Hilo, Island of Hawaii'i.

supporting mostly weeds. Near some buildings are small areas of landscaping, but most of the vegetation occurs in the setback spaces as weedy growth around discarded mechanical equipment and cars (Figure 4) or growing within paved parking areas. We describe the survey area as a light industrial site (highly disturbed habitat) with weedy grasses and shrubs, and a few ornamental plantings.

Flora

A listing of plants recorded during the February survey is presented in Table 1 and shows 64 species observed by the survey as occurring on the Project properties. Of these, none was native. All are introduced species that have become naturalized or are ornamentals. Two are early Polynesian introductions: *niu* (*Cocos nucifera*) and *noni* (*Morinda citrifolia*). Both species are very common throughout the Islands. In the listing, planted or landscape plants are indicated by the footnote <1> (naturalized species) or have a status of ornamental ("Orn").



Figure 3. Corner of Kalaniana'ole St. and Kumau St. showing typical vegetation in the survey area, here bordering the street. Image from Google Earth Street View.



Figure 4. Old warehouse on weed-filled lot seen from Kahanu Street. Image from Google Earth Street View.

Table 1. Plant species observed on the Hilo Harbor parcels.

Species listed by family	Common name	Status	Abundance	Notes
FERNS AND FERN ALLIES				
NEPHROLEPIDACEAE				
<i>Nephrolepis multiflora</i> (Roxb.) F.M. Jarrett ex C.V. Morton	swordfern	Nat	U	
PTERIDACEAE				
<i>Pityrogramma calomelanos</i> (L.) Link	silver fern	Nat	C	
FLOWERING PLANTS				
MONOCOTS				
ASPARGACEAE				
<i>Cordylone fruticosa</i> (L.) A. Chev.	ki, ti	Nat	R	<1>
<i>Dracena marginata</i> Lam.	money tree	Orn	R	

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
ASPARGACEAE (cont.)				
<i>Dracena sanderriana</i> M.T. Masters	sanderiana	Orn	R	
ARECACEAE				
<i>Cocos nucifera</i> L.	coconut, <i>niu</i>	Pol	U	<1>
<i>Veitchia</i> sp.	---	Orn	U	<2>
CYPERACEAE				
<i>Cyperus gracilis</i> R.Br.	McCoy grass	Nat	O	
<i>Kylinga brevifolia</i> Rottb.	<i>kili'o'opu</i>	Nat	O	
<i>Kylinga mindorensis</i> Steud.	<i>kili'o'opu</i>	Nat	O	
LILIACEAE				
<i>Ophiopogon japonicus</i> (L.) Ker Gawl	dwarf mondo grass	Orn	R	
MARANTACEAE				
<i>Calathea</i> sp.	calathea	Orn	R	
POACEAE				
<i>Andropogon virginicus</i> L.	broomsedge	Nat	C	
<i>Cenchrus ciliaris</i> L.	buffelgrass	Nat	C	
<i>Chloris barbata</i> (L.) Sw.	swollen fingergrass	Nat	O	
<i>Cynodon dactylon</i> (L.) Pers.	Bermuda grass	Nat	U	
<i>Eragrostis pectinacea</i> (Michx.) Nees	Carolina lovegrass	Nat	C	
<i>Megathyrsus maximus</i> (Jacq.) B.K. Simon & W.L. Jacobs	Guinea grass	Nat	C	
<i>Melinis minutiflora</i> P. Beauv.	molasses grass	Nat	O	
<i>Melinis repens</i> (Willd.) Zizka	Natal reedtop	Nat	C	
<i>Paspalum conjugatum</i> Berguis	Hilo grass	Nat	C	
<i>Panicum repens</i> L.	Wainaku grass	Nat	U	
<i>Sporobolus</i> sp.	rattail grass	Nat	O	
FLOWERING PLANTS				
EUDICOTS				
AMARANTHACEAE				
<i>Alternanthera sessilis</i> (L.) DC.	sessile joyweed	Nat	C	
<i>Amaranthus spinosus</i> L.	spiny amaranth	Nat	R	
ANACARDIACEAE				
<i>Mangifera indica</i> L.	mango	Orn	O	
ASTERACEAE (COMPOSITAE)				
<i>Ageratum conyzoides</i> L.	<i>maile hohono</i>	Nat	C	
<i>Bidens pilosa</i> L.	Spanish needle	Nat	C	
<i>Conyza bonariensis</i> (L.) Cronq.	haury horseweed	Nat	C	

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
ASTERACEAE (cont.)				
<i>Crassocephalum crepidioides</i> (Benth.) S. Moore	---	Nat	C	
<i>Emelia sonchifolia</i> (L.) DC.	Flora's paintbrush	Nat	O	
<i>Tridax procumbens</i> L.	coat buttons	Nat	C	
BEGONIACEAE				
<i>Begonia hirtella</i> Link	---	Nat	C	
BIGNONIACEAE				
<i>Spathodea campanulata</i> P. Beauv.	African tulip tree	Nat	O	
BRASSICACEAE				
<i>Cardamine flexuosa</i> With.	bittercress	Nat	A	
<i>Lepidium virginicum</i> L.	---	Nat	C	
BUDDEIACEAE				
<i>Buddleia asiatica</i> Lour.	dog tail, <i>huebo 'ilio</i>	Nat	C	
CARYOPHYLLACEAE				
<i>Drymaria cordata</i> (L.) Willd.	chickengrass, <i>pipili</i>	Nat	C	
CLUSIACEAE				
<i>Clusea rosea</i> Jacq.	autograph tree	Nat	O	<1>
CONVOLVULACEAE				
<i>Ipomea triloba</i> L.	little bell	Nat	C	
CUCURBITACEAE				
<i>Momordica charantia</i> L.	balsam pear	Nat	O	
EUPHORBIACEAE				
<i>Euphorbia hirta</i> L.	garden spurge	Nat	C	
<i>Euphorbia prostrata</i> Aiton	prostrate spurge	Nat	C	
<i>Macaranga napa</i> (L.) Müll. Arg.	bingabing	Nat	R	
<i>Macaranga tanarius</i> (L.) Müll. Arg.	---	Nat	O	
<i>Phyllanthus debilis</i> Klein ex Willd.	niuri	Nat	C	
FABACEAE				
<i>Chamaecrista nictitans</i> (L.) Moench	partridge pea	Nat	C	
<i>Crotalaria pallida</i> Aiton	smooth rattlepod	Nat	C	
<i>Delonix regia</i> (Bojer ex Hook.) Raf.	royal poinciana	Nat	R	<1>
<i>Desmodium tortuosum</i> (Sw.) DC.	Florida beggarweed	Nat	O	
<i>Indigofera suffruticosa</i> Mill.	indigo, <i>iniko</i>	Nat	R	
<i>Macropitium lathyroides</i> (L.) Urb.	cow pea	Nat	R	
<i>Mimosa pudica</i> L.	sensitive plant	Nat	U	
LAMIACEAE				
<i>Hyptis pectinata</i> (L.) Poit.	comb hyptis	Nat	C	

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
LYTHRACEAE <i>Cuphea carthagenensis</i> (Jacq.) Macbr.	tarweed	Nat	C	
MORACEAE <i>Ficus microcarpa</i> L. fil.	Chinese banyan	Nat	U	
OXALIDACEAE <i>Oxalis corymbosa</i> DC.	'ihi' pehu	Nat	O	
POLYGALACEAE <i>Polygala paniculata</i> L.	bubblegum plant	Nat	C	
RUBIACEAE <i>Morinda citrifolia</i> L.	noni	Pol	R	
PAETERICACEAE <i>Paederia scandens</i> (Lour.) Merr.	maile pilau	Nat	C	
URTICACEAE <i>Pilea microphylla</i> (L.) Liebm.	artillery plant	Nat	C	
VERBENACEAE <i>Citharexylum caudatum</i> L.	fiddlewood	Nat	U	
<i>Stachytarpheta dichotoma</i> Vahl.	ōwi	Nat	R	

Legend to Table 1

STATUS = distributional status for the Hawaiian Islands:
 Nat = naturalized plant introduced to the Hawaiian Islands since the arrival of the Cook Expedition in 1778, and well-established outside of cultivation.
 Orn = A cultivated plant; a species not thought to be naturalized (spreading on its own).
Pol = An early Polynesian introduction. Introduced before 1778.
ABUNDANCE = occurrence ratings for plant species:
 R - Rare seen in only one or perhaps two locations.
 U - Uncommon seen at most in several locations.
 O - Occasional seen with some regularity.
 C - Common observed numerous times during the survey.
NOTES:
 <1> - Naturalized plant used in landscape or garden planting.
 <2> - Plant lacking key diagnostic characteristics (flower; fruit); identification, therefore, uncertain.

Avian Fauna

A total of 41 individual birds of six species, representing five separate families, were recorded during station counts (Table 2). All the avian species recorded

during this survey are established introduced birds. No native species were detected nor were expected in this light industrial area.

Table 2. Avian species detected Hilo Harbor parcels, February 2022

Common Name	Species	Order Family	Status	RA
Spotted Dove	<i>Streptopelia chinensis</i>	COLUMBIFORMES COLUMBIDAE - Pigeons & Doves	A	1.33
Zebra Dove	<i>Geopelia striata</i>	COLUMBIFORMES COLUMBIDAE - Pigeons & Doves	A	2.22
Common Myna	<i>Acridotheres tristis</i>	PASSERIFORMES STURNIDAE - Starlings	A	2.00
Common Waxbill	<i>Estrilda astrild</i>	ESTRILIDAE – Estrilid Finches	A	0.67
House Sparrow	<i>Passer domesticus</i>	PASSERIDAE - Old World Sparrows	A	5.33
Saffron Finch	<i>Sicalis flaveola</i>	THRAUPIDAE - Tanagers Thraupinae - Core Tanagers	A	2.00

Status:
 A = Naturalized, non-native species (introduced).

RA : Relative Abundance ~ Species count / number of point-count stations (n=3).

Key to Table2.

Avian diversity and densities were very low, but in keeping with the industrial nature of the properties. Two species—House Sparrow (*Passer domesticus*), and Zebra Dove (*Geopelia striata*)—accounted for 56% of all birds recorded during station counts. The most frequently recorded species was House Sparrow, accounting for 41% of the total number of individual birds recorded.

Mammals

Only one terrestrial mammalian species was detected during the course of this survey. We saw domestic cat (*Felis catus*) within the Project area.

Discussion and Recommendations

Recommendations are partly based on U.S. Fish and Wildlife Service, Animal Avoidance and Minimization Measures (USFWS-PIFWO, 2022). Implementation of the recommendations (provided below as bulleted items) by the Project contractor will minimize impacts to listed species to the maximum extent practicable.

Floral Resources

No plants listed by either state or federal statute as threatened or endangered were found on the Project parcel (HDLNR, 1996; USFWS, nd-a). Although 3% of the extant plant species are early Polynesian introductions (“canoe plants”), none is rare in the Islands. No adverse impacts to rare or culturally sensitive or listed plant species will result from the proposed project. By definition, naturalized plants are capable of propagating and distributing on their own in Hawai‘i. In a sense, all could be considered “invasive”, since a case could be made that each causes some level of harm to agriculture, natural resources, economy, or human health. The only practical approach is to consider only those plants for which control and eradication over a wide geographic area are still possible (HISC, 2022).

Avian Resources

All species recorded are alien established species. No species of bird listed as threatened or endangered under either federal or state statutes was recorded on any of the properties (DLNR, 1998; USFWS, nd-a).

Seabirds

It is possible that the federal- and state-listed endangered Hawaiian Petrel (*Puffinus sandwicensis*), Band-rumped Storm-Petrel (*Hydrobates castro*), and the threatened Newell’s Shearwater (*Puffinus newelli*) over-fly the Project area between April and the middle of December each year in small numbers. The primary cause of mortality in Hawaiian Petrels and Newell’s Shearwaters in Hawai‘i is thought to be predation by alien mammalian species at the nesting colonies (USFWS, 1983; Simons and Hodges, 1998; Ainley et al., 2001). Collision with man-made structures is considered the second most significant cause of mortality of these seabird species in Hawai‘i. Nocturnally flying seabirds, especially fledglings on their way to sea in the summer and fall, can become disoriented by exterior lighting. Disoriented seabirds may collide with man-made structures and, if not killed outright, become easy targets of opportunity

for feral mammals (Hadley, 1961; Telfer, 1979; Sincock, 1981; Reed et al., 1985; Telfer et al., 1987; Cooper and Day, 1998; Podolsky et al., 1998; Ainley et al., 2001; Hue et al., 2001; Day et al., 2003). No suitable nesting habitat exists within or close to the Project area for any of the three seabird species discussed here.

- If night-time construction activity or equipment maintenance is proposed during the construction phases of the Project, all associated lights should be shielded, and when large flood/work lights are used, they should be placed on poles that are high enough to allow the lights to be pointed directly at the ground (Reed et al., 1985; Teller et al., 1987). Deleterious impacts to transiting seabirds can be avoided if construction occurs during daylight hours and all outdoor lighting installed is fully “dark sky compliant” (HDLNR-DOFAW, 2016). DLNR recommends avoiding construction-related night-time lighting between September 15 and December 15 (DLNR, 2022).

Mammalian Resources

The findings of the mammalian survey are consistent with the location of the property and the habitats currently present on the parcels. Although no rodents were recorded in our survey, it is likely that some of the four established alien Muridae found on Hawai‘i—roof rat (*Rattus rattus*), brown rat (*Rattus norvegicus*), Polynesian rat (*Rattus exulans hawaiiensis*), and European house mouse (*Mus musculus domesticus*)—use various resources found within the general project area on a seasonal basis. All of these introduced rodents are deleterious to native native faunal species.

No mammalian species currently protected or proposed for protection under either the federal or State of Hawai‘i endangered species programs were detected during the course of this survey (DLNR, 2015; USFWS, nd-a).

Hawaiian hoary bat

It is probable that Hawaiian hoary bat, listed as endangered by federal and state statutes, overflies the Project area on a seasonal basis, as this mammal is regularly observed foraging and displaying over Hilo Bay in the fall (David, 2021). The principal impact that any construction project may pose to bats is during the clearing and grubbing phases as vegetation is removed. The removal of tall vegetation within the project site may temporarily displace individual bats using that vegetation for roosting. As bats use multiple roosts within the home territories, the potential disturbance resulting from the removal of the vegetation is likely to be minimal. However, during the pupping season, females

carrying their pups may be less able to rapidly vacate a roost site as the tree is felled and female bats sometimes leave their pups in the roost tree while they forage. Very small pups may be unable to flee a tree that is being felled.

- Potential adverse impacts from such disturbance can be avoided or minimized by not clearing woody vegetation taller than 4.6 m (15 ft) between June 1 and September 15, the period in which bats may have pups.

Other Resources of Potential Concern

Critical Habitat

No federally delineated Critical Habitat for any species occurs within the Project area (USFWS, nd-b). There is no equivalent designation under State of Hawai'i endangered species statutes.

Jurisdictional waters

No aquatic habitat or federal jurisdictional waters occur within the Project area.

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APPENDIX D

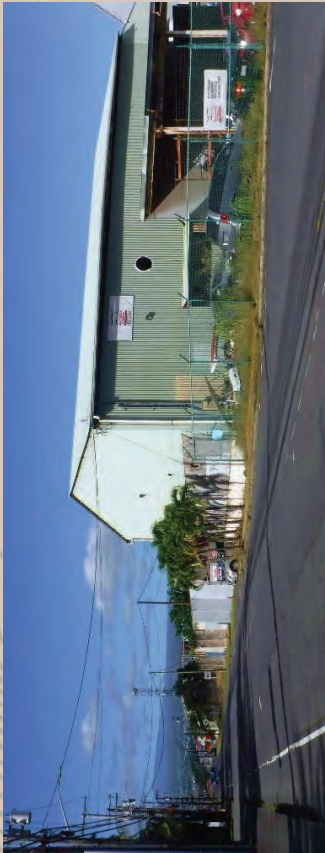
Archaeological Literature Review and Field Inspection

Literature Review and Field Inspection for the
Hawai'i Department of Transportation, Harbors Division
(HDOTH) Private Land Acquisition Project at Hilo Harbor

May 2022

Prepared by: Nohopapa Hawai'i, LLC

**LITERATURE REVIEW AND FIELD INSPECTION
FOR THE HAWAI‘I DEPARTMENT OF
TRANSPORTATION, HARBORS DIVISION
(HDOH) PRIVATE LAND ACQUISITION
PROJECT AT HILO HARBOR
WAIĀKEA AHUPUA‘A, HILO MOKU, HAWAI‘I MOKUPUNI
TMKS: (3) 2-1-009:003 AND 004, (3) 2-1-007:004, 005,
AND 046**



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This report was prepared by Nohopapa Hawaii, LLC, for Bowers and Kubota Consulting

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MANAGEMENT SUMMARY

Reference	Literature Review and Field Inspection for the Hawai'i Department of Transportation, Harbors Division (HDOTH) Private Land Acquisition Project at Hilo Harbor, Waiākea Ahupua'a, Hilo, Moku, Hawai'i, Mokupuni, TMKs (3) 2-1-007:004, -005, -046 and (3) 2-1-009:003 and -004 (Souza et al. 2022).
Date	April 2022
Land Jurisdiction	The project area is comprised of five land parcels owned by three private landowners: 1. 595K, LLC, Tax Map Keys (TMKs) (3) 2-1-007:004 and -046 2. Airgas Gaspro, Inc., TMK (3) 2-1-007:005 3. Sparks and Boschetti, LLC, TMKs (3) 2-1-009:003 and -004
Project Proponent	The Hawai'i Department of Transportation, Harbors Division (HDOTH), Bowers and Kubota
Project Area	The project area is comprised of TMKs (3) 2-1-007:004, -005, -046 and (3) 2-1-009:003 and -004, along Kalaniana'ole Avenue between Kūmau Street, Kūhiō Street, and Kahanu Street, within the ahupua'a of Waiākea, Hilo Moku, Hawai'i Mokupuni.
Project Area Acreage	The project area consists of five land parcels totaling approximately 9.5 acres within TMKs (3) 2-1-007:004, -005, -046, and (3) 2-1-009:003 and -004.
Project Description	The Hawai'i Department of Transportation, Harbors Division (HDOTH) proposes to purchase, demo, and redevelop roughly 9.5 acres of privately-owned land abutting Hilo Harbor by creating new harbor entry points and internal stacking lanes for Matson, Pasha, and Young Brothers, Ltd. cargo trucks - the harbor's primary users. The proposed project will result in additional acreage for HDOTH to increase the efficiency of their cargo delivery as well as improve traffic flow conditions within an unobstructed traffic lane going in both directions along Kalaniana'ole Avenue between Kūhiō and Kahanu Streets. At the time of writing, the proposed project included the demolition and removal of all existing structures within the project area footprint - parcels (3) 2-1-009:003 and 004, (3) 2-1-007:004, 005, and 046. Proposed improvements and construction include a new driveway in the middle of parcel (3) 2-1-009:004 along Kalaniana'ole Avenue, and a new designated left turn lane along the mauka side of Kalaniana'ole Avenue between Kūhiō and Kahanu Streets. On the makai side of Kalaniana'ole Avenue, the existing single lane will be expanded within parcel (3) 2-1-009:004 to accommodate the proposed mauka designated left turn lane. A new merge lane will be added in the same location directly makai and parallel to the expanded lane within parcel (3) 2-1-009:004. Kūhiō Street's western edge along parcel (3) 2-1-009:004 will also be expanded to create one or more additional lanes.

	<p>A new ingress driveway will be developed at parcel (3) 2-1-007:005 parallel to Kūmau Street. The driveway will begin approximately 110 feet after the corner of Kūmau Street and Kalaniana'ole Avenue providing three 25-foot-wide stacking lanes that will merge into a single-entry lane at the Kūmau security gate. Two new driveways will be installed between the harbor facilities and acquired lots within parcels (3) 2-1-009:004 and (3) 2-1-007:004 or 046 depending on site conditions.</p> <p>In support of the proposed project, the following ground disturbance estimates are approximate as the design is still conceptual. The final ground disturbance amounts will be established during later detailed design phases as the amounts depend on multiple factors including at a minimum in-situ soils onsite, potential for soil contaminants, and other infrastructure improvements.</p> <p>Approximate, conceptual ground disturbance estimates include:</p> <ul style="list-style-type: none"> - Excavations up to 20 feet long, 70 feet wide, and three feet deep for the new driveway in the middle of parcel (3) 2-1-009:004 along Kalaniana'ole Avenue; - Excavations up to 620 feet long, 10 feet wide, and three feet deep for the new designated left turn lane along the mauka side of Kalaniana'ole Avenue between Kūhiō and Kahanu Streets; - Excavations up to 950 feet long, 20 feet wide, and three feet deep on the mauka side of Kalaniana'ole Avenue for the expansion of the existing single lane within parcel (3) 2-1-009:004 to accommodate the proposed mauka designated left turn lane; - Excavations up to 1,000 feet long, 90 feet wide, and three feet deep for the new merge lane in the same location directly makai and parallel to the expanded lane within parcel (3) 2-1-009:004; - Excavations up to 370 feet long, 50 feet wide, and three feet deep for the expansion of Kūhiō Street's western edge along parcel (3) 2-1-009:004 in order to create one or more additional lanes; - Ingress driveway at Kūmau Street up to 300 feet long, 100 feet wide, and three feet deep; and - Two planned driveways between the harbor pavement and private lots up to 20 feet long, 70 feet wide, and three feet deep. <p>This investigation was designed – through detailed cultural, historical, and archaeological background research and a field inspection of the proposed project area – to preliminarily assess whether historic properties are present in the project area, whether the historic properties will be affected by the proposed project, and provide preliminary historic preservation compliance review next step recommendations. This document is intended to facilitate project planning, support the project's environmental compliance review, and initiation of the project's historic preservation compliance review. This study does not fulfill the requirements of an archaeological inventory survey investigation, per Hawai'i Administrative Rules (HAR) §13-13-276.</p> <p>This study was generated to inform an Environmental Assessment under Hawai'i Environmental Policy Act (HEPA) Hawai'i HARP Revised Statutes (HRS) §343 and to initiate potential future historic preservation compliance review.</p>
<p>Document Purpose</p>	
<p>Regulatory Context</p>	

<p>Built Environment</p>	<p>The project area is located in the Keaukaha Hawaiian Homestead area, in the highly developed and industrialized harbor zone. Beginning from the north (makai), the project area boundaries start at Hilo Harbor with various industrial buildings, harbor piers, utility poles, fencing, and parking lots including three cargo truck entrances from Kūmau Street (west), Kūhiō Street (east), and Kahanu Street (east). Kūhiō Bay and the Hilo Breakwater wall are also makai of the project area. To the east (perimeter boundaries of TMK (3) 2-1-009:003 and -004) is one of three cargo truck entrances for Watson at Kahanu Street. Also, to the east is Pūhi Bay, Hawaiian homestead residential houses (southeast), Keaukaha Beach Park, Keaukaha Elementary School and Ke Ana La'ahana Public Charter School (southeast), the Pacific Aquaculture and Coastal Resources Center (PACRC), and Kalaniana'ole Avenue that continues southeast and terminates near Hale Kahakai condominium complex. To the south, the project area is fronted by the Kūhiō Industrial Plaza, Kalaniana'ole Avenue, Silva Street, Kamehameha Avenue, utility poles, signage, fencing, parking lots, numerous businesses, and industrial buildings, and approximately 400 meters south is the Hilo International Airport property. To the west, (perimeter boundaries of TMK (3) 2-1-007:004, -005, -046) is Kūmau Street, Ocean View Drive with residential housing, a variety of industrial building and businesses, utility poles, signage, fencing, parking lots, Kūhiō Kalaniana'ole Park, Kanakea (Reeds Bay), Banyan Drive, and Kalaniana'ole Avenue continues west intersecting with Māmalalo Highway 11 and 19.</p>
<p>Field Work</p>	<p>Fieldwork was conducted on ka pō mahina (moon phase) of Kāloapau, January 28, 2022, by Nohopapa Hawai'i, LLC field crew, Momi Wheeler, B.S. and Amber Souza, M.A., under the supervision of Principal Investigator Kelley Uyeoka, M.A., State Historic Preservation Department (SHPD) permit #22-18. Fieldwork required two field technicians one 8 hour workday to complete. A pedestrian field inspection of 95% of the project area was performed. Due to restricted security zoning within the harbor, the remaining 5% of the project area was visually inspected from close proximity and 100% photo documented in order to record current conditions and assess the presence of historic properties.</p>
<p>Results Summary</p>	<p>Background research yielded 15 previously identified architectural historic properties in the project area and 12 previously identified archaeological and architectural historic properties in the project area vicinity. One new historic property - a historical drainage feature - was identified and documented during field inspection. The 15 previously-identified architectural historic properties in the project area have built dates and some effective built dates of more than 50 years, are predominantly warehouses, and date to the 20th century, during which the harbor was extensively developed with transportation and commercial infrastructure. In the project area vicinity, background research shows traditional Hawaiian features of the landscape (e.g. SIHP # 50-10-35-24919, three pecked basins; SIHP #50-10-35-18695, an unnamed heiau; SIHP #50-10-35-18896, Kanakea Pond; SIHP #50-10-35-24230, a small, unnamed pond) persist to the present alongside historical-era infrastructure and commercial (e.g. SIHP #50-10-35-7413, remnant historical railroad infrastructure; SIHP #50-10-35-24918 The Scott-Legionmaire-Orchid Hotel) features.</p>

	<p>One new historic property - a presumed drainage feature older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the 1970s— was identified and documented during field inspection. While the drainage feature possesses “integrity of location, design, setting, materials, workmanship, feeling and association” per Hawaii Administrative Rules (HAR) §13-284-6, it is not significant under Criteria a through e.</p> <p>Tsunamis in 1946 and 1960 destroyed much of Hilo Harbor’s built environment and also reduced coastal sedimentary deposits. Given that 1946 and 1960 tsunamis removed much of the coastal sedimentary deposits to bedrock, coupled with the extensive development that has occurred throughout Hilo Harbor, there is low likelihood for subsurface historic properties to be present in the project area.</p> <p>Given the extensive development of the general area, and its inundation by tsunamis, it is unlikely that any pre-contact sites still lie within the project area lands. Very little—if any—of the natural landscape remains. A heiau (SIHP 50-10-35-18695) is known to still exist at the coast to the west of the current project area, but its enduring presence can be attributed to its location on undeveloped State land. It is highly unlikely that burials might be encountered, as there are no sand deposits within the project area and as the shallow, stony soil found here lies directly atop pāhoehoe bedrock. Roads, commercial buildings, industrial infrastructure, and private homes have all been constructed over the project area lands over the last century.</p>
<p>Recommendations</p>	<p>Due to COVID-19 restrictions and the limited nature of this literature review, we were unable to conduct research physically at the Hawai’i State Archives or at the Bernice Pauahi Bishop Museum. We recommend that any future archaeological studies, if any, should include research at the Bishop Museum archives to investigate scientific studies conducted in the area. Additionally, we recommend further research at the Hawai’i State archives.</p> <p>All existing buildings in the project area footprint are slated for demolition, therefore effects to historic properties located in the project area are proposed.</p> <p>The 15 buildings currently present in the project area - parcels (3) 2-1-009;003 and 004, (3) 2-1-007;004, 005, and 046 – with built dates and some effective built dates of more than 50 years require additional professional assessment from an architectural historian. Professional due diligence and historic preservation next steps in this instance include providing the information summarized here to an architectural historian meeting the professional qualifications outlined in (HAR) §13-281-5, “Rules Governing Professional Qualifications” so they can render a determination regarding whether or not the buildings qualify as historic properties and recommend mitigation commitments or additional historic preservation next steps.</p> <p>The new historic property - a presumed drainage feature older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the</p>



	<p>1970s—identified and documented during field inspection, possesses “integrity of location, design, setting, materials, workmanship, feeling and association” per Hawaii Administrative Rules (HAR) §13-284-6, but is not significant under Criteria a through e.</p> <p>Based on this literature review and pedestrian field inspection, and in consideration of Hawai’i Administrative Rules (HAR) §13-13-284-8, “Mitigation”, historic preservation next steps recommended by Nohopapa Hawai’i, LLC, include professional assessment from an architectural historian regarding the 15 buildings currently present in the project area, and no additional historic preservation measures for the historic drainage feature per HAR) §13-284-6.</p>
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PROJECT SCOPE & METHODS

He Leo Mahalo

Mahalo to all the individuals involved in this project. We are grateful to William Kurcharski and Sarah Harris of Bowers and Kubota for coordinating and providing the needed information to complete the field inspection. Mahalo to Stacy Maipo and Sean Naleimale from the State Historic Preservation Department (SHPD) for helping us retrieve reports for the project area. Lastly, mahalo to Bowers and Kubota for this opportunity to conduct a literature and field inspection for the Hawai'i Department of Transportation, Harbors Division (HDOTH). In acquiring the five private land parcels, this will help improve access into Hilo Harbor and traffic flow conditions along Kalamiana'ole Avenue, Kūmau Street, Kīhiō Street, and Kahanu Street.

Project Description

The Hawai'i Department of Transportation, Harbors Division (HDOTH) proposes to purchase, demo, and redevelop roughly 9.5 acres of privately-owned land abutting Hilo Harbor by creating new harbor entry points and internal stacking lanes for Matson, Pasha, and Young Brothers, Ltd. cargo trucks - the harbor's primary users. The proposed project will result in additional acreage for HDOTH to increase the efficiency of their cargo delivery as well as improve traffic flow conditions within an unobstructed traffic lane going in both directions along Kalamiana'ole Avenue between Kīhiō and Kahanu Streets.

At the time of writing, the proposed project included the demolition and removal of all existing structures within the project area footprint - parcels (3) 2-1-009:003 and 004, (3) 2-1-007:004, 005, and 046.

Proposed improvements and construction include a new driveway in the middle of parcel (3) 2-1-009:004 along Kalamiana'ole Avenue, and a new designated left turn lane along the mauka side of Kalamiana'ole Avenue between Kīhiō and Kahanu Streets. On the makai side of Kalamiana'ole Avenue, the existing single lane will be expanded within parcel (3) 2-1-009:004 to accommodate the proposed mauka designated left turn lane. A new merge lane will be added in the same location directly makai and parallel to the expanded lane within parcel (3) 2-1-009:004. Kīhiō Street's western edge along parcel (3) 2-1-009:004 will also be expanded to create one or more additional lanes.

A new ingress driveway will be developed at parcel (3) 2-1-007:005 parallel to Kūmau Street. The driveway will begin approximately 110 feet after the corner of Kūmau Street and Kalamiana'ole Avenue providing three 25-foot-wide stacking lanes that will merge into a single-entry lane at the Kūmau security gate. Two new driveways will be installed between the harbor facilities and acquired lots within parcels (3) 2-1-009:004 and (3) 2-1-007:004 or 046 depending on site conditions.

In support of the proposed project, the following ground disturbance estimates are approximate as the design is still conceptual. The final ground disturbance amounts will be established during later detailed design phases as the amounts depend on multiple factors including at a minimum in-situ soils onsite, potential for soil contaminants, and other infrastructure improvements. Approximate, conceptual ground disturbance estimates include:

- o Excavations up to 20 feet long, 70 feet wide, and three feet deep for the new driveway in the middle of parcel (3) 2-1-009:004 along Kalamiana'ole Avenue.

- o Excavations up to 620 feet long, 10 feet wide, and three feet deep for the new designated left turn lane along the mauka side of Kalamiana'ole Avenue between Kīhiō and Kahanu Streets.
- o Excavations up to 950 feet long, 20 feet wide, and three feet deep on the makai side of Kalamiana'ole Avenue for the expansion of the existing single lane within parcel (3) 2-1-009:004 to accommodate the proposed mauka designated left turn lane.
- o Excavations up to 1,000 feet long, 90 feet wide, and three feet deep for the new merge lane in the same location directly makai and parallel to the expanded lane within parcel (3) 2-1-009:004.
- o Excavations up to 370 feet long, 50 feet wide, and three feet deep for the expansion of Kīhiō Street's western edge along parcel (3) 2-1-009:004 in order to create one or more additional lanes.
- o Ingress driveway at Kūmau Street up to 300 feet long, 100 feet wide, and three feet deep.
- o Two planned driveways between the harbor pavement and private lots up to 20 feet long, 70 feet wide, and three feet deep.

Document Purpose

On behalf of Bowers and Kubota, Nohopapa Hawai'i, LLC conducted a literature review and field inspection in support of the Hawai'i Department of Transportation, Harbors Division (HDOTH), Private Land Acquisition Project located at Hilo Harbor within the ahupua'a of Waiākea, Hilo Moku (Hilo Hema/South Hilo), Hawai'i Moku (Figure 1). The literature review and field inspection were conducted for the entire project area within TMKs (3) 2-1-007:004, -005, -046, -048, and (3) 2-1-009:003 and -004 (Figure 2 to Figure 5).

This investigation was designed – through detailed cultural, historical, and archaeological background research and a field inspection of the proposed project area – to preliminarily assess whether historic properties are present in the project area, whether the historic properties will be affected by the proposed project and provide preliminary historic preservation compliance review next step recommendations. This document is intended to facilitate project planning, support the project's environmental compliance review, and initiation of the project's historic-preservation compliance review. This study does not fulfill the requirements of an archaeological inventory survey investigation, per Hawai'i Administrative Rules (HAR) §13-13-276.

Regulatory Context Discussion

This study was generated to inform an Environmental Assessment under Hawai'i Environmental Policy Act (HEPA) Hawai'i HAR Revised Statutes (HRS) §343 and to initiate potential future historic preservation compliance review.

Ethnohistorical Research Methods

Background research included a review of previous archaeological studies on file at the SHPD; review of documents from the Hawai'i State Archives Digital Collection, the University of Hawai'i at Mānoa's Online Maps, Aerial, Photograph and GIS (MAGIS) Library, Reports, historic maps and photographs from the Nohopapa internal database were also examined. In addition, Māhele records were derived from various databases such as Papakilo Database, Ulukau, AVA, Konohiki, the Buke Māhele, and Boundary Commissions. Inoa'aina (place names), mo'olelo (stories), and 'ōlelo no'ēau (proverbs) were compiled from Hawaiian language and English sources in books, newspapers, available through the aforementioned online databases and archives.

This research provided the environmental, cultural, historic, and archaeological background for the project area. The sources studied were used to formulate a predictive model regarding the expected types and locations of historic properties in the project area.

Field Inspection Methods

Fieldwork was conducted on ka pō mahina (moon phase) of Kāloapau, January 28, 2022, by Nohopapa Hawai'i, LLC field crew, Momi Wheeler, B.S. and Amber Souza, M.A., under the supervision of Principal Investigator Kelley Uyeoka, M.A., State Historic Preservation Department (SHPD) permit #22-18. Fieldwork required two field technicians on one 8-hour workday to complete.

A pedestrian field inspection of 95% of the project area was performed. Due to restricted security zoning within the harbor, the remaining 5% of the project area was visually inspected from close proximity and 100% photo documented in order to record current conditions and assess the presence of historic properties.



Figure 1. Portion of the 2017 Hilo Quadrangle U.S. Geological Survey 7.5-minute topographic map, showing the location of the project area.

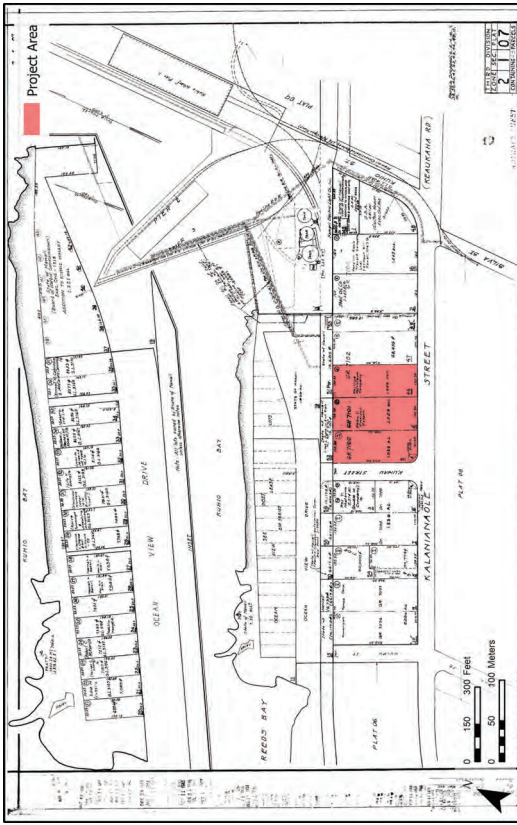


Figure 2. Plat map featuring TMKs (3) 2-1-007:004, -005, -046, with the project area highlighted in red (Hawai'i TMK, 1984).

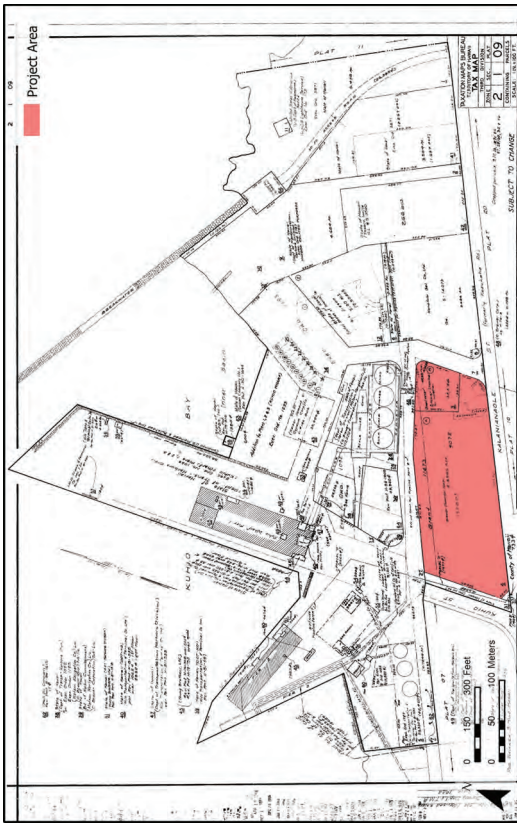


Figure 3. Plat map featuring TMKs (3) 2-1-009:003 and -004, with the project area highlighted in red (Hawai'i TMK, 1984).



Figure 4. Aerial photograph showing the locations comprising of the project area (Google Earth 2020).

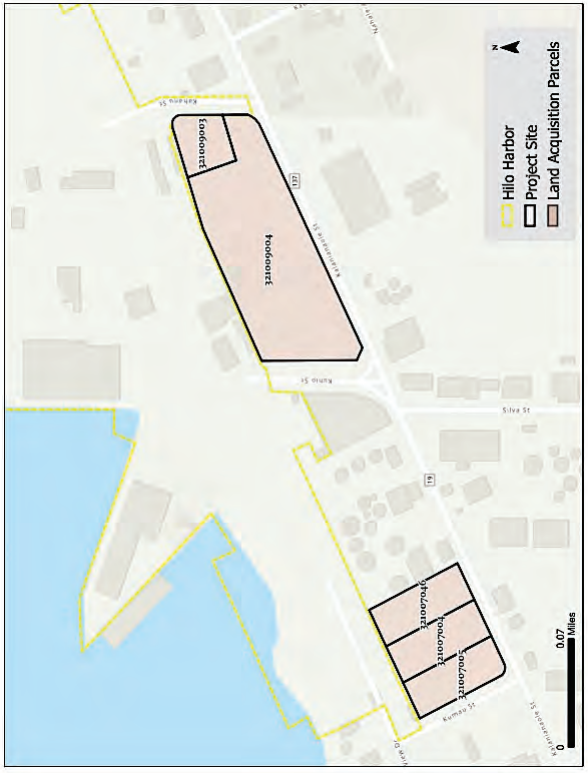


Figure 5. Aerial photograph overlain with five private land parcels and TMKs comprising the project area (Courtesy of Bowers and Kubota Consulting)

ENVIRONMENTAL LANDSCAPE

Natural Landscape

Situated along the eastern coast of Hawai'i Mokuupuni, and the northeast rift zone of Mauna Loa, the five private land parcels are within the Keaukaha Hawaiian homestead area in the ahupua'a of Waiākea, Hilo Hema/South Hilo. The coastline is primarily rocky with a few pockets of white and black sand beaches. Numerous springs feed into this coastline which creates a brackish water environment for marine life.

The project area is located on the outskirts/southern portion of Kīhiō Bay – Hilo Harbor and approximately 400 meters (0.25 miles) makai (on the seaside) of the Hilo International Airport. The five private land parcel buildings front Kalaniana'ōle Avenue as well as between Kūmau Street, Kīhiō Street, and Kahanu Street. Elevation within the project area is approximately two to fifteen feet above mean sea level (AMSL).

The project area itself receives an average of 3293 millimeters (mm) (129.64 inches [in]) of annual rainfall (Giambelluca et al. 1986). The name of the rain in the project area is called Kanilehua, name of a mist-like rain famous at Hilo (Pukui and Elbert 1986:129). Mentioned in the book *Hānau Ka Ua*, Hawaiian Rain Names (Akana with Kiele Gonzalez 2015:50-65), Kanilehua is the same as Kanikanilehua:

Rain associated with Hilo, Hawai'i. Also found on other parts of Hawai'i and on O'ahu and Kaua'i. "Kani lehua" can refer to the chattering of birds on 'ōhi'a lehua trees, the rustling of lehua flowers, or the drinking of the rain by lehua flowers.

The wind name associated with the project area is Pu'ulena, a cold wind of Waiākea and Puna, Hawai'i mentioned in the book *The Wind Gourd of La'amaomao* (Nakuina translated by Mookini and Nakoa 2005:125).

According to the U.S. Department of Agriculture (USDA) Soil Survey Geographic database (2001) and soil survey data gathered by Sato et al. (1973), a single soil type is found in the project area - Keaukaha Series, KFD Keaukaha extremely rocky muck (Figure 6).

The Keaukaha series consists of well-drained, thin organic soils overlying pāhoehoe lava bedrock. These soils occupy the low areas of Mauna Loa. They are at an elevation ranging from near sea level to 1,000 feet and receive from 90 inches to more than 150 inches of rainfall annually. Their mean annual soil temperature is between 72° and 74° F (Fahrenheit). The natural vegetation consists of 'ōhi'a, tree fern, uluhe fern, and guava (Table 2). These soils and Kīloa, Olaa, Panaewa, and Papai soils are in the same general area. Keaukaha soils are used for woodland, pasture, and homesites (Sato et al. 1972:27). Specifically, Keaukaha extremely rocky muck, 6 to 20 percent slopes (rKFD), is found near the city of Hilo in undulating to rolling deposits that follow the topography of the underlying pāhoehoe lava. Rock outcrops occupy about 25 percent of the area. This soil is strongly acid and rapidly permeable. The underlying pāhoehoe lava is very slowly permeable, but water moves rapidly through the cracks. Runoff is medium, and the erosion hazard is slight. In places roots are matted over the pāhoehoe lava or extend a few feet into the cracks. Keaukaha series soils hosts **native forests**. Some areas are cleared and used for pasture (Sato et al. 1972:27).



Figure 6. Aerial photograph showing the locations comprising of the project area (Google Earth 2020).

Plant Species	Native status	Use(s)	Existing in project area	Existing in surrounding area	Previously existing in project area	Previously existing in surrounding area
Ki or sugarcane (<i>Saccharum officinarum</i>)	Polynesian	Medicinal: food: black dye from leaf and stem charcoal; leaves for thatch, hat brads; darts made from cane. kino lau – Kāne (Bishop Museum 2022)		*Potentially in residential area	X	X
Māi'a or banana (<i>Musa</i> hybrids)	Polynesian introduced	Approximately 20 varieties: medicinal: food: steamed in imu to make poi; fibers used in mats and ropes; sap used in hair oil; sap offered in heiau; stalks used in heiau; sap used as a dye; kino lau – Kānaloa (Bishop Museum 2022)		*Potentially in residential area	X	X
Uluhe or false staghorn fern (<i>Dicranopteris linearis</i>)	Indigenous	Medicinal: lei		*Potentially in residential area	X	X
Wauke (<i>Broussonetia papyrifera</i>)	Polynesian introduced	Medicinal: fibers for making kapa; bark beaten or twisted to make cordage; kino lau – Kāne (Bishop Museum 2022)		*Potentially in residential area	X	X
Overstory						
Hala or screw pine (<i>Pandanus tectorius</i>)	Indigenous	Medicinal: leaves woven into mats, hats, pillows, thatching; roots for cordage; lei made from fruit parts; dried fruit parts used as a paint brush		*Potentially	X	X
Kukul or candlenut tree (<i>Aleurites moluccana</i>)	Polynesian introduced	Medicinal: wood used for canoes, bowls, fish floats, house timbers; dye made from fruit, inner bark, and roots; nuts (inside) used for lattooting, oil for polishing, lamps, fish bait, waterproof kapa, roasted for 'inamona relish; sap as an adhesive; nuts (outside) used for lei; kino lau – Lono (Bishop Museum 2022)		*Potentially	X	X

Plant Species	Native status	Use(s)	Existing in project area	Existing in surrounding area	Previously existing in project area	Previously existing in surrounding area
Milo or portia tree (<i>Theaspasia populnea</i>)	Indigenous, potentially	Wood and fiber used for bowls, canoe hulls, house posts, and fiber; dye colors from fruit (Bishop Museum 2022)		*Potentially	X	X
Niu or coconut (<i>Cocos nucifera</i>)	Polynesian introduced	Many uses such as medicinal: food: trunks to make house posts, small canoes, drums; food containers: leaves for baskets, fans; sap from trunk: fibers: small used for earplugs; musical instruments: kino lau containers, musical instruments: kino lau – Kū, Niulohaki (Bishop Museum 2022)		X	X	X
'Ōhi'a (<i>Metrosideros polymorpha</i> , <i>Metrosideros macrospus</i>)	Endemic	Medicinal: dye color; wood for images, posts, rafters, fences, firewood, canoes, musical instruments, bows, construction of uaikini heiau; lei from flowers and leaf buds; kino lau – Kāne, Kū, Laka, Pāhala (Bishop Museum 2022)		*Potentially in residential area	X	X
'Ōhi'a al or mountain apple (<i>Eugenia malaccensis</i>)	Polynesian introduced	Medicinal: food: wood for posts, rafters; enclosures of heiau; carved idols, bowls; dyes made from trunk, root, and fruit skin (Bishop Museum 2022)		*Potentially in residential area	X	X
'Ulu or treefruit (<i>Artocarpus altilis</i>)	Polynesian introduced	Medicinal: food: made into poi; wood for drums; house doors, canoes, poi boards, sails; bark: woven into kapa; leaves: used for mats; kino lau – Kū, Haumea (Bishop Museum 2022)		*Potentially in residential area	X	X

Built Landscape

The five private land parcels constituting the project area are located in the Keaukaha Hawaiian Homestead area, in the highly developed and industrialized harbor zone. Beginning from the north (makai), the boundaries start at Hilo Harbor with various industrial buildings, harbor piers, utility poles, fencing, and parking lots including three cargo truck entrances from Kīmau Street (west), Kūhiō Street (east), and Kahanu Street (east). Kūhiō Bay and the Hilo breakwater wall are also makai of the project area. To the east (perimeter boundaries of TMK (3) 2-1-009:003 and -004) is one of three cargo truck entrances for Matson at Kahanu Street. Also, to the east is Pūhi Bay, Hawaiian homestead residential houses (southeast), Keaukaha Beach Park, Keaukaha Elementary School and Ke Ana La‘āhaha Public Charter School (southeast), the Pacific Aquaculture and Coastal Resources Center (PACRC), and Kalaniana‘ōle Avenue that continues southeast and terminates near Hale Kahakai condominium complex. To the south, the project area is fronted by the Kūhiō Industrial Plaza, Kalaniana‘ōle Avenue, Silva Street, Kamehameha Avenue, utility poles, signage, fencing, parking lots, numerous businesses, and industrial buildings, and approximately 400 meters south is the Hilo International Airport property. To the west, (perimeter boundaries of TMK (3) 2-1-007:004, -005, -046) is Kīmau Street, Ocean View Drive with residential housing, a variety of industrial building and businesses, utility poles, signage, fencing, parking lots, Kūhiō Kalaniana‘ōle Park, Kanakea (Reeds Bay), Banyan Drive, and Kalaniana‘ōle Avenue continues west intersecting with Mamalahoa Highway 11 and 19.



Figure 7. Overview photo of the project area, view to the West. Three of five private land parcels are visible in the background, TMKs (3) 2-1-007:004, -005, -046.

CULTURAL LANDSCAPE

Place Names

Place Names are a highly under-utilized source of knowledge that reflects values of society and culture, embody biocultural knowledge edited by and passed orally down through centuries and generations, the genealogy of ‘āina (land), and its intimate relationship with people. Kūpuna (ancestors) intentionally used this tool of naming countless features and places as a means of preservation. During the nineteenth century, some of these place names were recorded in land records, maps, and other historical documents, which were utilized to recover these places names. Below is a list of place names found within and near the project area.

Table 2. Place names within the Waiāikea Ahupua‘a near and within project area.

Inoa ‘Āina	Possible Translation	Description and Location
Waiāikea Ahupua‘a	Open and/or Broad Waters	Ahupua‘a in the moku of Hilo on the island of Hawai‘i. Low-lying peninsula on the southeast coast of Hilo Bay. Project area located within ahupua‘a. (Clark 2002:372)
Byron’s Bay	Bay	Also known as Hilo Bay in Waiāikea, Hilo, Hawai‘i. Named for Lord Byron. (Pukui, Elbert, Mookini 1974:19)
Kūhiō Bay	Bay	Large, deep, natural gap, or “bay,” in the fringing reef at Waiāikea near the project area. Dredged from 1925 to 1930 to form the present harbor basin. The basin, or bay, was named for Prince Jonah Kūhiō Kalaniana‘ōle. When Kūhiō’s mother died shortly after his birth in 1871, he and his two older brothers were adopted by his mother’s sister, Kapi‘olani. Prince Kūhiō went on to become a delegate to Congress from 1902 until his death in 1922 (Clark 2002:200).
Loko Waka	The sharp, protruding pool (waka), lake (loko)	Pond at Keaukaha in Waiāikea, Hilo, Hawai‘i. (Pukui, Elbert, Mookini 1974:134). Coordinates:18.830607 / -155.031696.
Waiāikea Fishpond	Open and/or Broad Waters	Fishpond that is famously known for its mullet. Roughly 25.5 acres in size (Maly and Maly 2003:445).
Mohouli	The dark colored (uli) moho (extinct flightless rail bird)	Fishpond in Waiāikea, Hilo. Roughly 4.5 acres in size (Maly & Maly 2003:445). Coordinates:19.715622 / -155.077148.
Waihonu	Turtle water	Located in the ahupua‘a of Waiāikea. Area now known as Lili‘uokalani Gardens (Soehren 2021). Coordinates: 19.726616 / -155.068977.
Pi‘opi‘o	Redup of pi‘o. A form of imitative magic.	‘Ili kūpono within the ahupua‘a of Waiāikea. Area awarded to Kamamalu during the māhele (Soehren 2021). Coordinates: 19.719197 / -155.075684.

Inoa 'Āina	Possible Translation	Description and Location
Makao'kū	Eye of Kū, a deity	'Īli kipono within the ahupua'a of Waiāikea, Hilo. Location of large heiau (temple) used for sacrificial purposes. Said to have had a high pyramid of stone as if for a place of observation (Thrum, 1907:40). Coordinates: 19.728806 / -155.064028.
Honohononui	Bad smelling (Honohono) and large in size (nui)	'Īli kipono within ahupua'a of Waiāikea. Land section inland from Loko-Waka, Hilo (Pukui, Elbert, Mookini:48). The boundary of the ʻili kupono Honohononui begins at the shore "at a rock marked H at a mawae at a place called Kamokuna, at the west angle of this land (Soehren 2021).
'Ohele	N/A	'Īli 'āina located in the ahupua'a of Waiāikea. 'Ohele is the place in Hilo on the town side of Waiāikea, often mentioned in chants of that locality (Pukui 1983:191). Situated above the old Pitman store at Waiāikea. A luakini class heiau, measuring 60 feet square. It was destroyed before Pitman's time (Soehren 2021). Coordinates: 19.724690 / -155.069855.
Kanukuokamanu	The beak of the bird	Ancient surfing area located in the ahupua'a of Waiāikea. The place was thought to have been shaped like a bird's beak (Pukui, Elbert, Mookini 1974:85). Coordinates: 19.723454 / -155.071021.
Keaukaha	The passing current	Village located in the ahupua'a of Waiāikea (Soehren 2021). Coordinates: 19.727379 / -155.043678.
Kalauokukui	Leaf of the candlenut	Point located in the ahupua'a of Waiāikea (Soehren 2021). Coordinates: 19.725520 / -155.071452.



'Ōlelo No'ēau and Mele

'Ōlelo No'ēau, or Hawaiian proverbs and poetical sayings, are valuable in perpetuating Hawaiian cultural knowledge, presenting kaona (meaning), and illustrating creative expressions that incorporate observational knowledge with values, history, and humor. Today they serve as a traditional source to learn about the people, places, and the environment of Hawai'i. The following 'ōlelo no'ēau were gathered by Mary Kawena Pukui and published in her 1983 book titled, 'Ōlelo No'ēau Hawaiian Proverbs and Poetical Sayings. The following 'ōlelo no'ēau bring attention to landmarks and characteristics of the Hilo area and specifically the ahupua'a of Waiāikea:

Ke one waii o 'Ohele

The fine sands of 'Ohele

'Ohele is the place in Hilo on the town side of Waiāikea, often mentioned in chants of that locality.

[Pukui 1983:191]

'Eie'ie Hilo, panopano i ka ua

Dark is Hilo, clouded with the rain.

Hilo is always rainy.

[Pukui 1983:40]

Hamu'ū ke kai i Mokuuola

The sea recedes at Mokuuola.

Now is the opportune time to venture forth. Mokuuola, now known as Coconut Island, is a small island in Hilo Bay believed to have curative influences. The sick who swam around it recovered, and a person who could swim around it three times underwater would have a long life. When the sea receded, one could swim part way around with little effort.

[Pukui 1983:57]

To provide further insight into the type of environmental resources within the ahupua'a, shared below is a quote from He Mo'olelo Ka'ao no Kekūhaupi'o written by Stephen Langhorne Desha:

"Ka 'anae momona o Waiāikea."

"The fat mullet of Waiāikea"

[Desha 2000:287]

Mele, or songs, are integral to both chronicling and understanding events throughout Hawaiian history, historical landscape, places names, unique characteristics of a wahi (place), feelings, and more. One mele about Kūhiō Bay, location of the project area, was found. Kūhiō Bay was named for Prince Jonah Kūhiō Kalaniana'ōle and refers to the area in the fringing reef at Waiāikea that was dredged from 1925 to 1930 to form the present harbor basin (Clark 2002:200).



Kūhīō Bay - Words & music by Keliāna Beshaw

‘Akahi ho‘i a ‘ike ku‘u maka
I ka nani ‘o Waiākea
‘A‘ohe lua e like ai
Me ka nani a me ka nani
A‘o Kūhīō Bay

This is the first time I saw for myself
The beauty of **Waiākea**
There is no other that can compare
With the beauty, the beauty
Of **Kūhīō Bay**

Mahalo a‘e au i ka nani ‘o Hilo
Me ka ua a‘e ho‘opulu nei
‘Oni ana Mokuola au i ke kai
‘Oua ‘āina e
Kaulana nei

I admire the beauty of Hilo
The rain drenches it
Mokuola stands out in the sea
Island that is
Known to all

Wai ānueua e he wai kaulana
Wai maka ‘ikā i ka malihini
Wai kamaha‘o i ka‘u ‘ike
E papahi e ho‘ope nei
I ka hahale

Rainbow falls is well known
Falls visited by strangers
Marvelous waters in my sight
It streams down and wets
The forest
[Noble 1928]

Mo‘olelo



Hawaiian oral traditions include historical information passed from one generation to the next and transcribed beginning in the nineteenth century through contemporary times. Hawaiian oral traditions are important because they provide a general sense of Hawaiian history, unique connections to land, systems of traditional land tenure and use, and more generally how individuals lived at that time.

The ahupua‘a of Waiākea is one of the largest ahupua‘a in the moku (district) of Hilo. Mo‘olelo associated with Waiākea include many references to the abundance of the land. With accessible fishing grounds and many fresh water sources, this area of Hilo became a favored area of residence for ali‘i (chief), including Kamehameha I. Notably, the mo‘olelo that could be uncovered are primarily that of different ruling chiefs and their time spent dwelling in and around the project area. This can first be seen throughout ‘Umi-a-Liloa’s sixteenth century conquest of Hawai‘i Island. At the beginning of his conquests, ‘Umi-a-liloa defeated chief Kulukulu‘ā, who lived in Waiākea, and other chiefs of Hilo. As a result, Hilo and Hamakua were united under his rule and Hilo became a home base for the battles he would wage with other ali‘i throughout Hawai‘i Island (Kamakau 1992:16-17).

In the prominent mo‘olelo of Kamehameha and his warrior Kekūhaupi‘o, Waiākea’s fishpond is referred to throughout Kamehameha’s journey to consolidate the Hawaiian Kingdom. These references almost always emphasize the area’s bountiful fish population. For example:

Kamehameha’s scouting army was followed by his haole favorites, Kamehameha also sent another scouting army to the forest above Hilo under the leadership of Kai‘iana‘ahu‘uia. Kamehameha’s idea in sending these two armies under these ali‘i was to infuriate Keōua and also to punish the people Keoua had stationed at Hilo to enjoy the fat of the land and the fishpond of **Waiākea**. [Desha 2000:287]

For mo‘olelo that include other place names surrounding the project area, Kamakau notes the plights of different ali‘i through time:



Alapa‘i was a good ruler, one who loved the common people. His lands he had inherited from his grandfather Mahi-‘ololi, the chief who led the battle of Ke-one-‘uia at Pohakuomane‘o when the chiefess Keakea-lani was ruler. He did not take lands from the chiefs or commoners. Alapa‘i lived in for some years in Hilo, and it was while there that Keoua, called Ka-lani-kupu—a-pa-i-ka-lani-nui, fell ill of a lingering sickness at **Pi‘opio** adjoining Waioa in **Waiākea** and died there in 1752. [Kamakau 1992:75]

Kau-i-ke-ouli was but nine years old when Liholiho sailed to England leaving him successor to the rule over Hawai‘i. As he was then too young to assume command, affairs were administered by his guardians, Ka-‘ahu-manu and Ka-lani-moku, and the other chiefs were under them; but as in Liholiho’s time so it as even up to the time when Kau-i-ke-ouli took control, all the taxes came through the district chiefs over the kalana, okana, and ahupu‘a land divisions. The common people were generous, but the chiefs and those who were on the king’s own lands such as Waituku on Maui, Waipi‘o and **Waiākea** on Hawai‘i, “had their ears stuffed with cotton.” The chiefs took the taxes from the land which they held and might or might not give anything to the king. [Kamakau 1992:265]

HISTORICAL LANDSCAPE

Early Historical Period

Various early historical accounts indicate that Waiākea was an abundant and favored residence for ali'i. One of the earliest accounts documenting this can be seen at the beginning of 'Umi-a-Liloa's conquest of Hawai'i Island during the sixteenth century. 'Umi-a-liloa defeated Hilo chief Kulukulu'a, who lived in Waiākea, along with other chiefs of Hilo. Hilo became under his rule and functioned as a starting point for the battles he would wage with ali'i throughout Hawai'i Island (Kamakau 1992:16-17).

Upon 'Umi-a-Liloa's death, the kingdom was divided between his two sons, Ke-ii'i-o-kaloo-a-'Umi and Keawe-nui-a-'Umi. His second son, Keawe-nui-a-'Umi, ruled Hamakua, Hilo, and Puna. Residing in Hilo, Keawe-nui-a-'Umi would come to wage war on his brother and the Kona chiefs and unify the island (Kamakau 1992:34). There was notably great peace during Keawe-nui-a-'Umi's reign. He made chiefs governors of smaller districts and areas throughout Hilo. Succeeding his death, the kingdom was divided into three parts. Hilo came under the rule of Kumalae-nui-a-'Umi and his son, Makua of Hilo (Kamakau 1992:45).

The bountiful resources provided by fishponds within the ahupua'a of Waiākea assured the continuity of different ali'i and their desire to reside in this area. Historians assert Kamehameha I would grow to become one of many chiefs who vied for control of Waiākea:

It is true that Kamehameha made a circuit of the island of Hawai'i. He and his companions went by the sea and Kaho'āli'i; his god to ensure fertility, went by land as described in previous numbers. With him on this circuitous journey was Kaleone, that ali'i from O'ahu. When Kamehameha and his people arrived at Hilo, Kaleone stayed with his hoahānau who had arrived previously in Hilo. At this time when Kamehameha stayed in Hilo, he did not receive a letter written by Captain Vancouver. Kamehameha stayed at Hilo consuming the fat fish of **Waiākea** fishpond. With him was the famous warrior Kekūhaupō. [Desha 2000:365]

During Kamehameha's stay in Hilo, he sought friendship with the Hilo ali'i. He also sought to arouse enthusiasm for farming, and entered into work with the maka'āinana of Hilo in order to gain the affection of the commoners. He was staying at Hilo in 1794 when Captain Vancouver arrived for the third time. This was Vancouver's last arrival in Hilo Bay and Hawai'i. [Desha 2000:366]

Kamehameha I's firstborn son, Liholiho, inherited Waiākea upon his death in 1819 and ruled until 1824 (Kamakau 1992:209).

The Māhele and the Kuleana Acts

During the 1848 Māhele, the ahupua'a of Waiākea became Crown Lands (Van Dyke 2008:68). Due to Kamehameha I's conquests of the entire island of Hawai'i, the ahupua'a of Waiākea remained with his descendants. Victoria Kamāmalu, sister of Kamehameha IV, would go on to receive the 'i'i kūpono Honohonou in Waiākea. At the time of the Māhele, at least 25 claims (Table 3) were made for kuleana plots in Waiākea. Many of the parcels were smaller in size and there were no LCA awards found directly within the project area.

Table 3. Land Claims and Land Commission Awards (LCA) in Waiākea

Applicant	LCA	'Ili -'Āina (Land Area)	Native Registry (NR)	Native & Foreign Testimony (FT/NT)	Māhele Award Book (MA)
Berenaba	Helu 2327	Kalihi	NR 3:452	FT 5:83 & NT 4:457	MA 10:124
Halai, L.K	Helu 1279	Kolea	NR 3:52	FT 5 & NT 4:495	MA 10
Hale	Helu 4004	Hinauaauwai	NR 8:681	FT 5 & NT 4:440	MA 10:131
Kahue	Helu 2663	N/A	NR 8:675	FT 5:80	MA 9: 399
Kaiana, J.B	Helu 2281	Alenoho	NR 3	FT 5	MA 10:125
Kalhenui	Helu 11050B	Kolea	N/A	FT 5:44 & NT 4:486	N/A
Kalolo	Helu 1333	Alenoho	NR 3:76	FT 5:30 & NT 4:465	MA 9:448
Kalua	Helu 8854	Pi'opi'o	NR 8:706	FT 5 & NT 4:448-449	MA 10:130
Kaluhikaua	Helu 1738	'Ohele	NR 3	FT 5:50	MA 6:306
Kamāmalu, V.	Helu 7713	Honohonou	NR 5:443-569	FT 3:545-557	MA 10:438
Kamanuhaka	Helu 8803	Pi'opi'o	NR 8:706	FT 4:443	N/A
Kapu	Helu 00001F	N/A	N/A	FT 5:47	MA 10:129
Kealiko	Helu 11174	Alenoho	N/A	FT 3:493-494	MA 10
Keaniho	Helu 2402	N/A	N/A	FT 5:79	MA 9:278
Keawe	Helu 5018	Kuahua	NR 8:698	NT 4:448	N/A
Kuao	Helu 4344	Kolea	NR 8:681	FT 5 & NT 4:457	MA 4:312-313

Applicant	LCA	'Ili 'Āina (Land Area)	Native Registry (NR)	Native & Foreign Testimony (FT/NT)	Mahele Award Book (MA)
Leoi	Heiū 9982	N/A	NR 8:707	FT 5	MA 4:310
Lolo	Heiū 4738B	N/A	N/A	NT 4:447	MA 4:311-312
Mahoe	Heiū 00001E	Keawe Kapu	N/A	FT 5:47	MA 4:313
Moaaloha	Heiū 4737	N/A	NR 8:689	FT 5:23 & NT 4: 446-447	MA 4:311
Nakai	Heiū 4785	Ha'apoa	NR 8:691	NT 4:441	MA 4:314
Napeahi	Heiū 2603	Kialoa	NR 8:675	FT 5 & NT 4:440	MA 2:157
Wahine	Heiū 4737B	N/A	N/A	FT 5:23	N/A
Wahinealua	Heiū 11173	Alenoho	N/A	FT 3:492	MA 10:262
Wahimenoohilo	Heiū 10004	Paiaahu	N/A	FT 5 & NT 4:441-442	MA 4:313

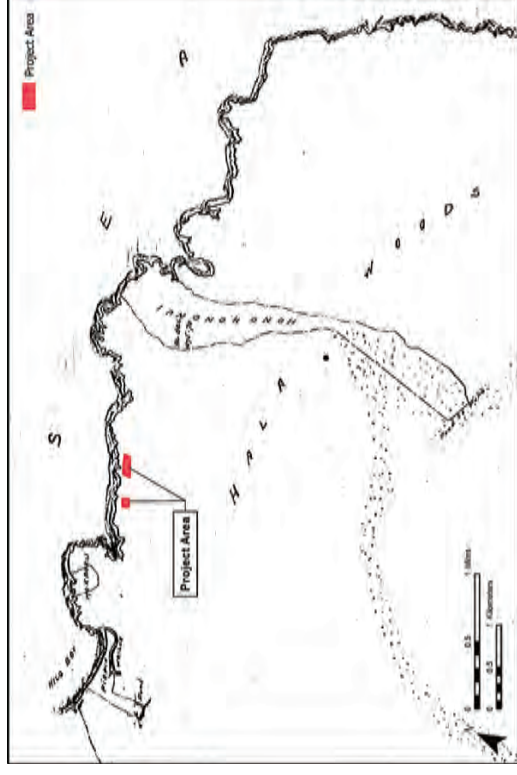


Figure 8. 1851 Waiākea ahupua'a with project area highlight in red (Registered Map #524)

The 1851 registered map shows a portion of the Waiākea ahupua'a in relation to Hilo Bay, Pi'opio ('Ili 'āina in which mahele documents confirmed settlement), Makaokū heiau, Waioaloa river, and Honohonou (Ili 'āina awarded to Victoria Kamāmālu during the mahele).

Mid- to Late 1800s

Waiākea and the area in and surrounding Hilo Bay underwent a substantial amount of change beginning primarily in the 1840s. An increase in foreign vessels, the introduction of private land ownership, the sandalwood trade, cattle ranching, sugarcane, and the establishment of mission homes contributed to major changes in settlement patterns (Kelley et al. 1981:105). The first meeting house for missionaries in Hilo was built in Waiākea in 1824 and a tsunami in 1837 caused severe damage to surrounding fishponds and taro patches.

Early accounts of Hilo Bay reference its long black sand beach and favored surf. There were three operating landings on the Waiākea area of Hilo Bay. The landings were Reed's Landing, located at Kalaokukui Point east of the Waioaloa River, Spencer's Stone Land, located between Reed's Landing and the mouth of Waioaloa River, and a landing located up the Waioaloa River. The bay saw an influx of new people and cargo along the beach until a wooden wharf was first constructed in 1863. Growing commerce associated with the sugar industry and the steady arrival of foreigners funded construction of a harbor facility including a railroad wharf, a government wharf, and a breakwater in Waiākea (Kelley et al. 1981:105).



1900s

Thirty-eight miles of railroad line from Waiākea to Hilo to Puna were in operation by 1902. The line from Waiākea ran across of the Waioa River, near the project area, through Hilo Bay (Kelley et al, 1981:149). The construction of a breakwater beginning at the shoreline east of Kūhiō Bay near the project area began in 1908 and was completed in 1929 (Kelley et al, 1981:157). A portion of rock used for the breakwater came from the Kapoho quarry in Puna. In 1912, the Territorial government awarded the dredging and construction of a new approach, filling, and railroad track laying of Kūhiō Wharf. Kūhiō Wharf, Pier 1, and railroad tracks leading into the new harbor facility were completed by 1916 (Kelley et al, 1981:188).

Complaints of congestion in the Kūhiō Wharf area prompted a new contract award by the Territory of Hawai'i to construct Pier 2 in 1921 and by 1927 a third Pier construction was completed (Kelley et al, 1981:200). Pier 3 was designed to be a reinforced concrete wharf joined to be made part of Pier 2. Dredging continued along side of these construction projects (Kelley et al, 1981:203). The booming sugar industry pushed facilities to plan for even larger modifications to accommodate the high demand for bulk sugar shipments. World War II and the April 1946 tsunami initially delayed these modifications, and the rebuilding of the current harbor facilities began in 1948 (Kelley et al, 1981:210). In May 1960, another tsunami caused minor damage to the breakwater and harbor facilities. Since this tsunami did not contribute to major constructional shifts, the harbor facilities essentially remained as initially constructed in 1948 (Kelley et al, 1981:215).

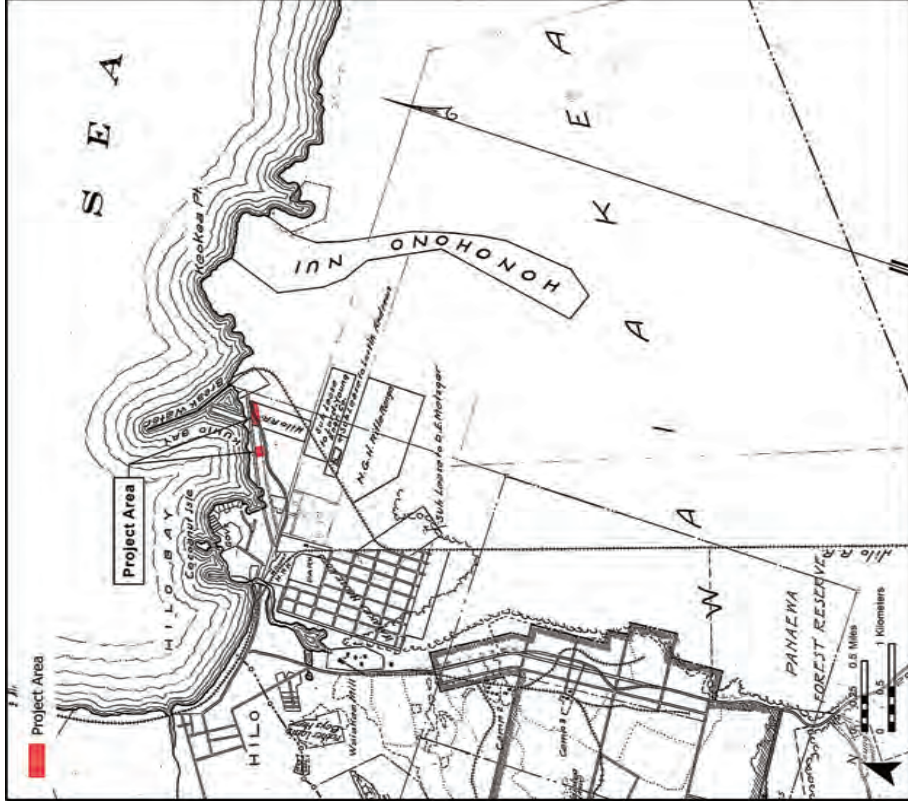


Figure 9. 1915 Plat map of Waiākea Govt. Tract with project area highlighted in red (HTS Plat, Reference Number #775).

The 1915 map (Figure 9) highlights infrastructure in and around the project area including the break water, a rifle range, house lots, and the Hilo railroad track that ran directly next to the proposed project area. The map informs the high amount of activity happening within Kūhiō Bay (project area) during this time.

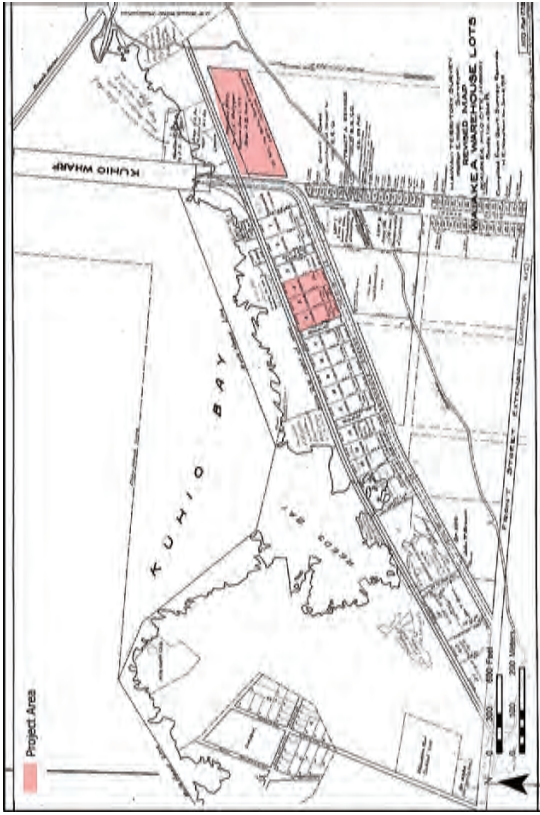


Figure 10. 1918 Plat map of Waiākea Warehouse Lots with project area highlighted in red (HTS Plat, Reference Number #779).

The 1918 map of Kūhio Bay (Figure 10) highlights the Waiākea Warehouse lots in and surrounding the proposed project area. Landowners for the lots located within the project area are identified as Hilo Rice Mill Co., Hilo Emporium Co., J. T. Baker, Reserve, and The Pacific Guano & Fertilizer Co. Hawai'i County Real Property Tax Records show construction of the buildings currently in the project area commenced in 1927 through 1970.

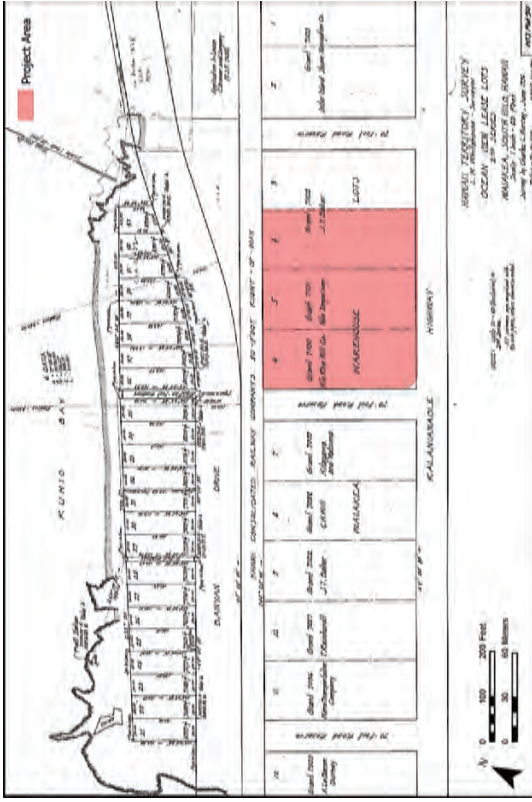


Figure 11. 1936 Whitehouse Ocean View Lease Lots Waiākea with project area highlighted in red (HTS Plat, Reference Number #901).

The 1936 Hawai'i Territory Survey map (Figure 11) of ocean view lease lots in Kūhio Bay (proposed project area) upholds that the landowners for lots located within TMK (3) 2-1-007:004, (3) 2-1-007:005, and (3) 2-1-007:046 remained as Hilo Rice Mill Co., Hilo Emporium Co., and J. T. Baker.

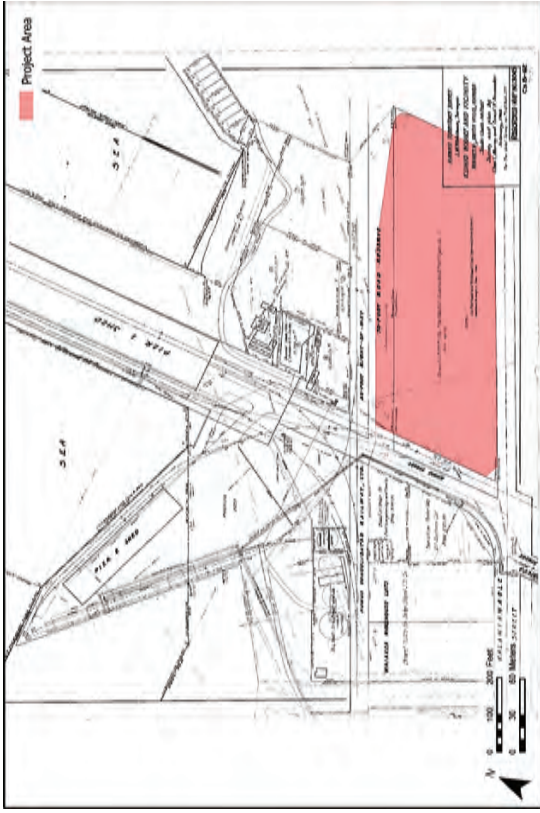


Figure 12. 1940 Murray and Fernandes Kūhio Wharf and Vicinity with project area highlighted in red (Registered Map #3045).
TMKs (3) 2-1-009:003 and -004, with the project area highlighted in red (Registered Map #3045).

The 1940 Hawai'i Territory Survey map (Figure 12) of the Kūhio Wharf and vicinity (proposed project area) confirms that the landowners had changed for one lot, TMK (3) 2-1-007:048, recorded at the time to be the U.S Customs lot. Landowner for TMK (3) 2-1-009:003 and (3) 2-1-009:004 remained as The Pacific Guano & Fertilizer Company.

PREVIOUS ARCHAEOLOGICAL STUDIES

Previous Archaeological Studies within the Project Area and Vicinity

One previous archaeological study and one previous architectural study have occurred within the project area and detailed below (Table 4).

AECOM, 2017

Funded through the State of Hawai'i legislature, the 2017 reconnaissance level architectural survey by AECOM (Ranzetta et al. 2017) was a follow-up survey focused on three coastal communities, Hanalei and Kapa'a, Kauai, and Hilo, Hawai'i, identified in the 2016 Statewide Architectural Survey of Hawai'i (SASH). These three communities were selected for their large number of existing historical resources, representation of significant themes and periods within Hawai'i's history, and vulnerability to sea level rise and coastal flooding impacts from climate change. The purpose of the survey included resources and properties built in 1977 or earlier to collect and analyze architectural and historical data (see Table 5 and Figure 14). Another study goal was to provide an overview of architectural styles and thematic social and economic developments, assess historic district potential, and identify individual properties eligible for Hawai'i and National Registers of Historic Places listing. The major goal of the 2017 study was to provide an informational baseline for understanding how climate change may impact a community's built environment and history and, thereby, threaten community identity. (Ranzetta et al. 2017:1). No historic properties were identified within the current project area.

Rechtman, 2009

At the request of Ron Terry, Ph.D. of Geometric Associates, LLC, on behalf of the County of Hawai'i, Rechtman Consulting, LLC (Rechtman 2009) completed an Archaeological Assessment for the proposed Hilo Bayfront Trails project spanning five ahupua'a: Pi'ihonua, Punahoa, Pōnāhawai, Kūkiāu, and Waiākea (see Table 5 and Figure 13). The project area extended over two-miles from Waiuku River to the entrance of Hilo Harbor at Kūhio Street. The study was prepared in support of an Environmental Assessment compliant with HRS Chapter 343. The project proposed to incorporate a variety of shared pedestrian and bicycle paths, pedestrian walkways, dedicated bicycle paths and lanes. No historic properties were identified. Rechtman (2009:30) concluded:

This area has been subject to repeated development and environment devastation over the course of its history, and while subsurface archaeological deposits may be present in some locations, they are likely to be highly disturbed. While no specific archaeological features were identified that would be impacted by the project, the potential, however remote, does exist for as of yet undiscovered buried features (in either a disturbed or pristine context) to be encountered during subsurface development activities". It was recommended that an archaeological monitoring plan be submitted along with an archaeological monitor present during all of the potential ground-disturbing activities associated with currently undeveloped segments of the proposed trail alignment.

Six previous archaeological studies that occurred in the project area vicinity and are detailed below.

Drennan and Escott, 2008

An underwater archaeological reconnaissance survey by Scientific Consultant Services, Inc. was completed for the State of Hawai'i Department of Transportation Harbors Division, TMK (3) 2-1-7 [por-1], (Drennan and Escott 2008). The underwater survey occurred in the offshore areas of Kūhiō Bay and Reed's Bay, near Pier 3 in Hilo Bay. This survey was in conjunction with the development plans for the construction of the inter-island cargo terminal facility at Hilo Harbor at the recommendation of Adam Johnson, acting O'ahu archaeologist and maritime archaeologist for the Hawai'i Department of Land and Natural Resource, State Historic Preservation Division [Drennan and Escott 2008:1]. One new archaeological site was identified - SIHP 50-10-35-26466, a pontoon-style barge wrecked during the 1946 tsunami (Drennan and Escott 2008:41; Table 5; Figure 13 and Figure 14), comprised of 4 features:

- Feature 1, bollards to which ships and tugs are moored;
- Feature 2, C-rings/pad-eyes, which are the bumpers or cushions on the sides of a vessel;
- Feature 3, U-plates, which are used for dock reinforcement;
- Feature 4, a tear-shaped buoy

Results concluded the vessel is a non-classified historic vessel which operated as a non-self-propelled pontoon deck style barge. This site was assessed under 36 Code of Federal Regulations (CFR) 60.4: specifically that these "Have yielded, or is likely to yield, information important for research on prehistory or history," (Drennan and Escott (2008:41) determined the site did not meet the significance criteria for inclusion in the National Register of Historic Places. No further historic preservation mitigation commitments or next steps were recommended.

Fung Associates Inc, 2017

In 2018, and in accordance with HAR 13-275-5, Fung Associates Inc. performed a reconnaissance level survey (RLS) of architectural resources within a portion of Hilo Harbor. This survey was conducted in anticipation of implementing selected portions of the Hawai'i Commercial Harbor 2020 Master Plan and the Hawai'i Island Commercial Harbors 2035 Master Plan Update. This architectural RLS included three specific properties within TMKs (3) 2-1-009:007 and (3) 2-1-009:038 in the Hilo Harbor area (Fung Associates Inc, 2018:8). This included the proposed demolition of the three properties that were surveyed: a Quonset Hut, Pier 2/3 Shed, and Water Tower (Fung Associates Inc, 2018:1). The objective of the RLS was to ascertain whether the buildings and structure appeared to be historically significant. Upon evaluation of historical significance, all three properties were identified as individually eligible for listing in the Hawai'i and National Register of Historic Places under Criteria A and C. The three properties evaluated are located adjacent in surrounding areas of the proposed project (Table 5; see Figure 13 and Figure 14).

Property Date, Name, & TMK

- 1963, Quonset Hut, (3)2-1-009:007, 038
- 1923, Pier 2 Shed, (3) 2-1-009:007, 038
- 1950, Watertower, (3) 2-1-009:001, 038

Haun and Henry, 2000

At the request of R.M. Towill Corporation, Haun and Associates (Haun and Henry 2000) completed an archaeological inventory survey of two parcels near the Hilo Harbor: a 14-acre parcel, TMKs (3) 2-1-09:2, 12, 41, 42, and a 6-acre parcel TMKs (3) 2-1-7:20 to 30 at Hilo Harbor (Table 5; Figure 13 and Figure 14). The objective of the survey was to satisfy historic preservation regulatory inventory requirements of the DLNR, SHPD contain within Hawai'i Administrative Rules, Title 13, DLNR Subtitle

16, State Historic Preservation Rules. No historic properties were identified. No further work or preservation was recommended. According to Haun and Henry (2000:22):

The east project area, an asphalt pavement was identified, rectangular in shape and measures 60.2 meter long, 13 meters wide, and 0.1 to 0.14 meter in height. No cultural remains were noted. The west project area, a complex of four concrete features were identified, Site 22486. The features consist of two concrete slabs (Features A and B), a set of parallel concrete curbs (Feature C), and two displaced sections of concrete slab located at the water's edge (Feature D). These features are in fair condition and are altered. Piles of bulldozed materials bound the structural remains to the west, south, and east.

Kam, 1983

Wendall Kam (1983) of the Hawai'i Department of Land and Natural Resources (DLNR) State Historic Preservation Division (SHPD) investigated a claim of a heiau depicted on modern Tax Map Key (TMK) (3) 2-1-007 (Table 5; Figure 13 and Figure 14). No records were found at that time pertaining to the heiau; Kam (1983:1) recommended that it be recorded and photographed. This site was assigned as State Inventory of Historic Places (SIHP) site number 50-10-35-18695, but no formal documentation ever occurred. As this heiau has still never been formally investigated, its function has never been officially determined. In 2000, Haun and Associates came upon the heiau just outside of the bounds of their survey of two parcels near the Hilo Harbor. Haun and Henry (2000:22) described the feature as:

...a platform on State land near the northwest corner of the Western Project Area [present Ocean View Lease Lots]. The platform probably corresponds with the heiau reported by Kam (1983). The feature, which was viewed from a distance of approximately 10m, is situated in a grove of ironwood trees in the backyard of a house on Parcel 20 of TMK: 3-2-1-07. The feature is roughly 3-4 m square at the top and tapers to approximately 5-6 m at the base. It is approximately 1.5 m high with sloping sides. There is a c. 0.5 m deep depression in the center of the paved upper surface.

Wolforth, 2004 and 2006

At the request of the County of Hawai'i, Department of Parks and Recreation, Scientific Consultant Services, Inc. (Wolforth 2004 and 2006) completed two archaeological inventory surveys for proposed parks within the Hilo Bay area (Table 4; Figure 14 and Figure 15). The 2004 inventory survey for the proposed Kūhiō-Kalaniana'ōle Park investigated the Kanakea Fishpond at Reed's Bay TMK: 3-2-1-6:13 and 15. The 2006 archaeological inventory survey was performed in support of expansion of a 6.136-acre park located on the Waiakeā Peninsula, TMKs (3) 2-1-005:1 and 28, and (3) 2-1-006:10.

Proposed improvements and expanding of this area included paved walkway, tree trimming, removal of existing concrete pads, abandoning an existing cesspool, restoring the beach, a walkway across Kanakea pond, repairing a damaged sidewalk, installing a new parking lot, and introduction of new vegetation (Wolforth 2006:2). The surveys documented a previously identified small-unnamed pond (SIHP #50-10-35-24230). A previously identified Hawaiian fishpond, Kanakea Pond, (SIHP#50-10-35-18896) which was adjacent to the southern edge of the project area and a previously identified small portion of the old railroad (SIHP #50-10-16-7413) which was situated at the southern project boundary. Preservation was recommended for each of the two sites (Wolforth 2006:3).

Three new sites were identified - Reed's Bay Beach (SIHP # 50-10- 35-24917), the Scott-Legionnaire Hotel (SIHP #50-10-35-24918) and three traditional Hawaiian pecked basins (SIHP #50-10-35-24919). These sites were assessed for their significance as outlined in the National Historic Preservation act and it was concluded that all sites were considered significant under Criterion D only (Wolforth 2006:32).

Previously Identified Historic Properties Within the Project Area and Vicinity

Background research yielded 15 previously identified architectural historic properties in the project area and 12 previously identified archaeological and architectural historic properties in the project area vicinity (Table 4).

AECOM, 2017

In the 2017 reconnaissance level architectural survey by AECOM (Ranzetta et al. 2017), a total of 882 properties in Hilo, Hawai'i were identified and initial recommendation for National Register of Historic Places (NRHP) eligibility was applied to each surveyed property. The eligibility categories consisted of eligible individually, contributing, non-contributing, and undetermined.

The figure below identifies the properties surveyed by AECOM (Ranzetta et al. 2017) and the category each property was assigned. The properties surveyed in the current project area were categorized under "non-contributing", meaning the study concluded the resources identified did not possess the integrity to be eligible for the State or National Register of Historic Places (Ranzetta et al. 2017:15).



Figure 13. Project area of the 2017 AECOM Hawai'i Statewide Reconnaissance-Level Architectural Survey Properties Hilo, Hawai'i (AECOM 2017:144).

Table 4. Summary of Results of Previous Archaeological and Architectural Studies within the Project Area and Vicinity.

Reference	Type of Study	Location	Results	Historic Properties	Location
AECOM, 2017	Reconnaissance Level Architectural Survey	Three coastal communities, Hailalei and Kapa'a, Kaula', and Hilo, Hawaii	Portions of Waialae, Kikilau, Punaahoa, and Pi'ihonua; total of 822 properties surveyed; no historic properties were identified within current project area.	None.	Project area
Drennan and Esott, 2008	Underwater Archaeological Reconnaissance Survey	A wreck site near Pier 3 in Hilo Bay, TMK (3) 2-1-7 Por.	One new archaeological site, comprised of four different features, was identified and noted to have been wrecked from the 1946 tsunami.	Pontoon-style barge, SHP # 50-10-35-26466.	Project area vicinity
Fung Associates, Inc. 2018	Reconnaissance Architectural Survey	Hilo Harbor, TMK: (3) 2-1-009-007, 038	25,344-acre parcel within current project area vicinity. Three properties examined: 1960s Water Tower, identified as eligible for listing in Hawaii and National Register of Historic Places.	Quonset Hut, Pier 2/3, and Water tower were identified as historic properties in the Hawaii and National Register of Historic Places under Criteria A and C.	Project area vicinity
Hau and Henry, 2000	Archaeological Inventory Survey	Hilo Harbor, Waialae TMKs (3) 2-1-07:020 to -037 and (3) 2-1-09:002, -012, -041, -042	No prehistoric archaeological sites or concrete site features were identified. early 1900s U.S. engineer facilities.	Concrete slab port related facilities, SHP # 50-10-35-22486.	Project area vicinity
Kam, 1983	Literature Review	State lands at Reed's Bay, Waialae, TMK (3) 2-1-07:11	A check of records confirmed no previous records for the unnamed heiau depicted on modern tax map.	Unnamed Heiau, SHP # 50-10-35-18695	Project area vicinity
Rechtman, 2009	Archaeological Assessment Survey	Hilo Bayfront spanning five hundred ft. from the Puuhou Bay to the Kikilau and Waialae	No historic properties were identified.	None.	Project area
Wolforth, 2004	Archaeological Inventory Survey	Kanaka Fishpond at Reed's Bay, TMKs (3) 2-1-6:013 and -015	Documented previously identified Kanaka Pond (SHP# 50-10-35-18896), another small unnamed pond (SHP #50-10-35-24230), and a remnant feature of the old railroad (SHP # 50-10-35-7413).	Kanaka Pond, (SHP#50-10-35-18896), small unnamed pond (SHP# 50-10-35-24230), a remnant feature of the old railroad (SHP # 50-10-16-7413)	Project area vicinity
Wolforth, 2006	Archaeological Inventory Survey	Expansion of the existing Reed's Bay Park, TMK (3) 2-1-006:15 and 28, and (3) 2-1-006:10	Documented two previously identified sites (SHP #s 50-10-35-18896 and 50-10-16-7413) and three new historic properties: Reed's Bay Beach (SHP # 50-10-35-24917), the Scott-Lagionnaire Orchid Hotel (SHP# 50-10-35-24918) and three packed basins (SHP # 50-10-35-24919).	Reed's Bay Beach (SHP # 50-10-35-24917), the Scott-Lagionnaire Orchid Hotel (SHP # 50-10-35-24918) and three packed basins (SHP # 50-10-35-24919).	Project area vicinity

Table 5. Historic buildings identified in parcel TMK (3) 2-1-007:004

Building Card	Building Number	Structure Type	Built Date	Effective Built Date	SIHP
1	0001	Warehouse Met/AVG	1954	1990	N/A
2	0002	Warehouse Met/Mas/Avg	1947	1990	N/A
3	0003	Commercial C-2(WD)	1954	1990	N/A
4	0004	Warehouse Met/AVG	1949	1990	N/A

County of Hawai'i Real Property Tax Records indicate 1 historic building on the parcel TMK (3) 2-1-007:046 (Table 6).

- Arces: 1.03
- Landowners: 595K LLC
- Hawai'i County Zoning: MG-1a
- Current Land Use: Auto repair and parts storage

Table 6. Historic buildings identified in parcel TMK (3) 2-1-007:046.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date	SIHP
1	N/A	Warehouse Met/AVG	1937	1990	N/A

County of Hawai'i Real Property Tax Records indicate 2 historic buildings on the parcel TMK (3) 2-1-007:005 (Table 7).

- Arces: 1.02
- Landowners: Airgas Gaspro, Inc.
- Hawai'i County Zoning: MG-1a
- Current Land Use: Liquid and compressed gas dispenser

Table 7. Historic buildings identified in parcel TMK (3) 2-1-007:005.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date	SIHP
1	0001	Warehouse Met/LOW	1943	1943	N/A
3	0003	Warehouse Met/AVG	1970	1970	N/A

County of Hawai'i Real Property Tax Records indicate 1 historic building on the parcel TMK (3) 2-1-009:003 (Table 8).

- Arces: 0.74
- Landowners: Sparks & Boschetti LLC
- Hawai'i County Zoning: MG-1a
- Current Land Use: Auto repair and parts storage

Table 8. Historic buildings identified in parcel TMK (3) 2-1-009:003.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date	SIHP
1	0001	Warehouse Met/AVG	1965	1965	N/A

County of Hawai'i Real Property Tax Records indicate 7 historic buildings on the parcel TMK (3) 2-1-009:004 (Table 9).

- Arces: 5.56
- Landowners: Sparks & Boschetti LLC
- Hawai'i County Zoning: MG-1a
- Current Land Use: Auto repair and parts storage

Table 9. Historic buildings identified in parcel TMK (3) 2-1-009:004.

Building Card	Building Number	Structure Type	Built Date	Effective Built Date	SIHP
1	0001	Commercial C-3(WD)	1946	1999	N/A
2	0002	Warehouse Met/AVG	1938	1938	N/A
3	0003	Warehouse Met/AVG	1928	1928	N/A
4	0004	Warehouse Met/AVG	1948	1948	N/A
5	0005	Warehouse Met/AVG	1957	1957	N/A
6	0006	Warehouse Met/AVG	1957	1957	N/A
7	0007	Commercial C-2(MAS)	1957	1957	N/A




Summary and Predictive Model of Historic Properties in the Project Area and Vicinity

In summary, based on ethnohistorical and historical research and previous archaeology, Waiākea, inclusive of the project area in Hilo Harbor, was an abundant and favored residence for aliʻi. Bountiful resources provided by fishponds within the ahupuaʻa of Waiākea appealed to generations of chiefs who established their residences and waged war from the location. During the 1848 Māhele, the ahupuaʻa of Waiākea became Crown Lands, but no LCAs are associated with the project area. Waiākea and the area in and surrounding Hilo Bay underwent a substantial amount of change beginning primarily in the 1840s. An increase in foreign vessels, the introduction of private land ownership, the sandalwood trade, cattle ranching, sugarcane, and the establishment of mission homes contributed to major changes in settlement patterns (Kelley et al. 1981:105). The first meeting house for missionaries in Hilo was built in Waiākea in 1824 and a tsunami in 1837 caused severe damage to surrounding fishponds and taro patches. There were three operating landings on the Waiākea area of Hilo Bay. The bay saw an influx of new people and cargo along the beach until a wooden wharf was first constructed in 1863. Growing commerce associated with the sugar industry and the steady arrival of foreigners funded construction of a harbor facility including a railroad wharf, a government wharf, and a breakwater in Waiākea (Kelley et al. 1981:105). The construction of a breakwater beginning at the shoreline east of Kīhio Bay near the project area began in 1908 and was completed in 1929 (Kelley et al. 1981:157). In 1912, the Territorial government awarded the dredging and construction of a new approach, filling, and railroad track laying at Kīhio Wharf. Kīhio Wharf, Pier 1, and railroad tracks leading into the new harbor facility were completed by 1916 (Kelley et al. 1981:188). Complaints of congestion in the Kīhio Wharf area prompted a new contract award by the Territory of Hawaiʻi to construct Pier 2 in 1921 and by 1927 a third Pier construction was completed (Kelley et al. 1981:200). Pier 3 was designed to be a reinforced concrete wharf joined to be made part of Pier 2. Dredging continued along side of these construction projects (Kelley et al. 1981:203). Hawaiʻi County Real Property Tax Records show construction of the buildings currently in the project area commenced in 1927 through 1970. The booming sugar industry pushed facilities to plan for even larger modifications to accommodate the high demand for bulk sugar shipments. World War II and the April 1946 tsunami initially delayed these modifications, and the rebuilding of the current harbor facilities began in 1948 (Kelley et al. 1981:210). In May 1960, another tsunami caused minor damage to the breakwater and harbor facilities. Since this tsunami did not contribute to major construction shifts, the harbor facilities essentially remained as initially constructed in 1948 (Kelley et al. 1981:215), an understanding supported by tax records showing half of the buildings in the project area were initially constructed in the 1920s-1940s (Hawaiʻi County Real Property Tax Records 2022).

Background research, inclusive of this review of previous archaeological studies in the project area vicinity, indicate that while traditional Hawaiian features of the landscape (e.g. SIHP # 50-10-35-24919, three pecked basins; SIHP # 50-10-35-18896, an unnamed heiau; SIHP # 50-10-35-18896, Kanakea Pond; SIHP # 50-10-35-24230, a small, unnamed pond) persist to the present, extensive historical era and specifically 20th century development of harbor, transportation, and commercial infrastructure define the current project area (e.g. SIHP # 50-10-35-7413, remnant historical railroad infrastructure; SIHP # 50-10-35-24918 The Scott-Legionnaire-Orchid Hotel; the technically 50 years or older buildings in the current project area and vicinity summarized in the tables above).

Background research yielded 15 previously identified architectural historic properties in the project area and 12 previously identified archaeological and architectural historic properties in the project area vicinity. One new historic property - a historical drainage feature - was identified and documented during field inspection. The 15 previously-identified architectural historic properties in the project area have built dates and some effective built dates of more than 50 years, are predominantly warehouses, and date to the 20th century, during which the harbor was extensively developed with transportation and



commercial infrastructure. In the project area vicinity, background research shows traditional Hawaiian features of the landscape (e.g. SIHP # 50-10-35-24919, three pecked basins; SIHP # 50-10-35-18695, an unnamed heiau; SIHP # 50-10-35-18896, Kanakea Pond; SIHP # 50-10-35-24230, a small, unnamed pond) persist to the present alongside historical-era infrastructure and commercial (e.g. SIHP # 50-10-35-7413, remnant historical railroad infrastructure; SIHP # 50-10-35-24918 The Scott-Legionnaire-Orchid Hotel) features.

Tsunamis in 1946 and 1960 destroyed much of Hilo Harbor's built environment and also reduced coastal sedimentary deposits. Given that 1946 and 1960 tsunamis removed much of the coastal sedimentary deposits to bedrock, coupled with the extensive development that has occurred throughout Hilo Harbor, there is low likelihood for subsurface historic properties to be present in the project area.

Given the extensive development of the general area, and its inundation by tsunamis, it is unlikely that any pre-contact wahi kapuna still lie within the project area lands. Very little—if any—of the natural landscape remains. A heiau (SIHP # 50-10-35-18695) is known to still exist at the coast west of the current project area, but its enduring presence can be attributed to its location on undeveloped State land. It is highly unlikely that burials might be encountered in the project area, as there are no sand deposits within the project area and as the shallow, stony soil found here lies directly atop pahoehoe bedrock. Roads, commercial buildings, industrial infrastructure, and private homes have all been constructed over the project area lands over the last century.

FIELD INSPECTION RESULTS

Field Inspection Methods

Nohopapa Hawaii'i, LLC completed the fieldwork component of this study under archaeological permit #22-18, issued by the SHPD pursuant to Hawaii'i Administrative Rules (HAR) §13-13-282. Fieldwork was conducted on the po māhina (moon phase) of Kāleapau, January 28, 2022, by Nohopapa Hawaii'i, LLC field crew, Momi Wheeler, B.S. and Amber Souza, M.A., under the supervision of Principal Investigator Kelley Uyeoka, M.A.

Fieldwork required two field technicians one 8-hour workday to complete. A pedestrian field inspection of 95% of the project area was performed. Due to restricted security zoning within the harbor, the remaining 5% of the project area was visually inspected from close proximity and 100% photodocumented in order to record current conditions and assess the presence of historic properties.



Figure 16. Overview photo of the project area, view to the northeast. Three of five private land parcels are visible in the background, TMKs (3) 2-1-007:004, -005, -046, including the entrance to Kūmau Street (left-side of photo).

Field Inspection Results

The project area consisted of five private land parcels, TMKs (3) 2-1-007:004, -005, -046, and (3) 2-1-009:003 and -004, approximately 10-acres along Kalamiana'ole Avenue (see Figure 5). Under the Hawaii'i County zoning, these five private land parcels are classified under MG-1a (General Industrial District, minimum land area of 1-acre).

Located on the western portion of the project area are three of five private land parcels, TMKs (3) 2-1-007:004, -005, and -046. Airgas Gaspro (TMK (3) 2-1-007:005) is located on the corner of Kalamiana'ole

Avenue and Kūmau Street (Figure 16). This private property is owned by Airgas Gaspro, Inc. and approximately 1.02-acres. The next two parcels, TMKs (3) 2-1-007:004 and -046, are next to/east of Airgas Gaspro (Figure 17 and Figure 18). These two private properties are owned by 595K, LLC and both parcels are 1.03-acres each. All three parcels are heavily developed with commercial buildings, industrial infrastructures, utility poles, roadways, parking lots, and fencing.

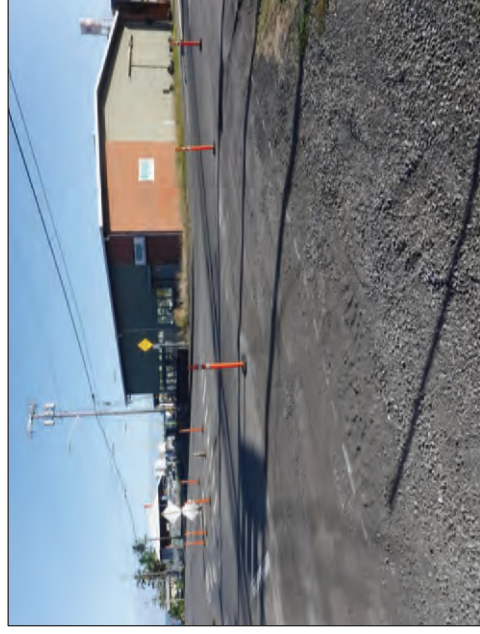


Figure 17. Airgas Gaspro parcel, TMK (3) 2-1-007:005, with entrance to Kūmau Street (left-side of photo). View to the North.



Figure 18. TMK (3) 2-1-007:004, private land parcel owned by 595K, LLC. View to the North.



(Figure 20). TMK (3) 2-1-009:003 is adjacent to TMK (3) 2-1-009:004 and is approximately 0.74-acres, located on Kahanu Street (Figure 21). These two parcels are heavily impacted by industrial buildings, parking lots, abandoned vehicles, roadways, utility towers, and fencing.

Two small hills were observed within TMK (3) 2-1-009:004. The first hill is a few yards east of Kūhio Street, a natural hill which has been disturbed on all sides (Figure 22). A few plants are surviving on the top of this hill i.e. four-clusters of ki or ti leaf (*Cordyline fruticos*), an avocado tree (*Persea americana*), young Fiddlewood trees (*Citharexylum spinosum*), an African Tulip tree (*Spathodea campanulate*), and a Banyan tree (*Ficus benghalensis*) (Figure 23).

The second hill is just east of the first hill which is also natural, disturbed on all sides, and maintained with heavy poisoning on the outer perimeters (Figure 24). On the northern portion of this small hill, a potential historic property was revealed at the base of this hill (Figure 25 and Figure 26).



Figure 20. TMK (3) 2-1-009:004, private land parcel owned by Sparks and Boschetti, LLC. View to the North.



Figure 19. TMK (3) 2-1-007:046, private land parcel owned by 595K, LLC. View to the North.

The last two of five private land parcels are located on the eastern portion of the project area which are owned by Sparks and Boschetti, LLC, TMK (3) 2-1-009:004 and -003. The largest of the two parcels is TMK (3) 2-1-009:004, approximately 5.56-acres, located on the east-side of the main entrance to Port of Hilo, corner of Kalaniana'ole Avenue between Kūhio Street and Kahanu Street



Figure 21. TMK (3) 2-1-009:003, private land parcel owned by Sparks and Boschetti, LLC. View to the Northwest.



Figure 23. A variety of plants surviving on top of hill located within TMK (3) 2-1-009:004. View to the Northwest.



Figure 22. First of two small hills with a variety of plants surviving on top of this hill located within TMK (3) 2-1-009:004. View to the West.



Figure 24. The second small hill located within TMK (3) 2-1-009:004. First small hill is in the background. View to the West.



Figure 25. A potential historic property located within TMK (3) 2-1-009-004. View to the Southwest.



Figure 26. Field results, location of potential historic property located within TMK (3) 2-1-009-004. Aerial imagery with Field Inspection GPS waypoint overlain.

This potential historic property measures approximately 1 meter square and the depth is approximately over a 1 meter (Figure 27). Landscape situation, form, and construction material indicate the feature is a possible drain or manhole with a corroded metal bar going across the center, a deteriorating wooden cover, and cement on the north and south portions of the interior that goes about a half meter down (Figure 28).



Figure 27. Close-up of potential historic property located within TMK (3) 2-1-009:004. View to the North.



Figure 28. Close-up of potential historic property located within TMK (3) 2-1-009:004. View to the West.

One new historic property - a presumed drainage feature older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the 1970s— was identified and documented during field inspection.

RECOMMENDATIONS

Literature Review and Field Inspection Results

Background research yielded 15 previously identified architectural historic properties in the project area and 12 previously identified archaeological and architectural historic properties in the project area vicinity. One new historic property - a historical drainage feature - was identified and documented during field inspection. The 15 previously-identified architectural historic properties in the project area have built dates and some effective built dates of more than 50 years, are predominantly warehouses, and date to the 20th century, during which the harbor was extensively developed with transportation and commercial infrastructure. In the project area vicinity, background research shows traditional Hawaiian features of the landscape (e.g. SIHP # 50-10-35-24919, three pecked basins; SIHP #50-10-35-18695, an unnamed heiau; SIHP #50-10-35-18896, Kanakea Pond; SIHP #50-10-35-24230, a small, unnamed pond) persist to the present alongside historical-era infrastructure and commercial (e.g. SIHP #50-10-35-7413, remnant historical railroad infrastructure; SIHP #50-10-35-24918 The Scott-Legionnaire-Orchid Hotel) features.

One new historic property - a presumed drainage feature older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the 1970s— was identified and documented during field inspection. While the drainage feature possesses “integrity of location, design, setting, materials, workmanship, feeling and association” per Hawaii Administrative Rules (HAR) §13-284-6, it is not significant under Criteria A through E.

Tsunamis in 1946 and 1960 destroyed much of Hilo Harbor’s built environment and also reduced coastal sedimentary deposits. Given that 1946 and 1960 tsunamis removed much of the coastal sedimentary deposits to bedrock, coupled with the extensive development that has occurred throughout Hilo Harbor, there is low likelihood for subsurface historic properties to be present in the project area.

Given the extensive development of the general area, and its inundation by tsunamis, it is unlikely that any pre-contact sites still lie within the project area lands. Very little—if any—of the natural landscape remains. A heiau (SIHP #50-10-35-18695) is known to still exist at the coast to the west of the current project area, but its enduring presence can be attributed to its location on undeveloped State land. It is highly unlikely that burials might be encountered, as there are no sand deposits within the project area and as the shallow, stony soil found here lies directly atop pāhoehoe bedrock. Roads, commercial buildings, industrial infrastructure, and private homes have all been constructed over the project area lands over the last century.

Preliminary Historic Preservation Next Step Recommendations

Due to COVID-19 restrictions and the limited nature of this literature review, we were unable to conduct research physically at the Hawai’i State Archives or at the Bernice Pauahi Bishop Museum. We recommend that any future archaeological studies, if any, should include research at the Bishop Museum archives to investigate scientific studies conducted in the area. Additionally, we recommend further research at the Hawai’i State archives.

All existing buildings in the project area footprint are slated for demolition, therefore effects to historic properties located in the project area are proposed.

The 15 buildings currently present in the project area - parcels (3) 2-1-009:003 and 004, (3) 2-1-007:004, 005, and 046 – with built dates and some effective built dates of more than 50 years require additional professional assessment from an architectural historian. Professional due diligence and historic preservation next steps in this instance include providing the information summarized here to an architectural historian meeting the professional qualifications outlined in (HAR) §13-281-5, “Rules Governing Professional Qualifications” so they can render a determination regarding whether or not the buildings qualify as historic properties and recommend mitigation commitments or additional historic preservation next steps.

The new historic property - a presumed drainage feature older than 50 years old based on landscape location, form, condition, materials, and the construction history of buildings in the area dating to the 1920s through the 1970s—identified and documented during the field inspection possesses “integrity of location, design, setting, materials, workmanship, feeling and association” per Hawaii Administrative Rules (HAR) §13-284-6, and is not significant under Criteria a through e.

Based on this literature review and pedestrian field inspection, and in consideration of Hawaii’s Administrative Rules (HAR) §13-13-284-8, “Mitigation”, historic preservation next steps recommended by Nohopapa Hawaii’s, LLC, include professional assessment from an architectural historian qualified per (HAR) §13-281-5 regarding the 15 buildings currently present in the project area, and no additional historic preservation measures for the historic drainage feature per (HAR) §13-284-6.

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APPENDIX E

Phase 1 Environmental Site Assessment

Phase 1 Environmental Site Assessment;
RFP Project No. HAR-PM SW-2020-002

August 2022
Prepared by: Element Environmental, LLC

Report

Phase I Environmental Site Assessment

RFP Project No. HAR-PM SW-2020-002
State of Hawaii Department of Transportation
Hilo, Hawaii, Hawaii
Tax Map Keys: (3) 2-1-007: Parcels 004, 005, and 046 and
(3) 2-1-009: Parcels 003 and 004



PREPARED FOR:
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94-408 Akoki Street
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PREPARED BY:
Element Environmental, LLC
98-030 Hekaha Street, Unit 9
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August 3, 2022

Mr. Allen Kam, Director of Planning
Bowers + Kubota Consulting (B+K)
94-408 Akoki Street
Suite 201-A
Waipahu, Hawaii 96797

Subject: **Phase I Environmental Site Assessment
RFP Project No. HAR-PM SW-2020-002
State of Hawaii Department of Transportation
Hilo, Hawaii, Hawaii
Tax Map Keys: (3) 2-1-007: Parcels 004, 005, and 046
and (3) 2-1-009: Parcels 003 and 004**

Dear Mr. Kam,

Element Environmental, LLC (E2) has performed a Phase I Environmental Site Assessment (ESA) for the subject property referenced above. The purpose of the Phase I ESA was to identify environmental issues (if any) as part of due diligence in support of the State of Hawaii Department of Transportation Harbors Division's acquisition of private lands located at Hilo Harbor, Hilo, Hawaii.

The accompanying report summarizes E2's findings and relates E2's opinions with respect to the property and potential sources of contamination at the property. E2's findings and opinions are based on information that was obtained on given dates through a records review, visual site inspection, interviews, and related activities. It is possible that other information exists or subsequently has become known, just as it is possible for conditions observed to have changed after the initial observations. For these and associated reasons, E2 and many of its peers routinely advise clients for ESA services that it would be a mistake to place unmerited faith in findings and opinions conveyed via ESA reports. E2 cannot under any circumstances warrant or guarantee that not finding indicators of hazardous substances, or petroleum products means that hazardous substances or petroleum products and/or associated contamination do not exist on the property.

It has been a pleasure conducting this assessment for you. If you have questions regarding this report, please contact me on my mobile phone at (808) 551-3742.

Respectfully submitted,

Element Environmental, LLC

Angela Pelletier
Angela Pelletier
Geologist

Environmental Certification

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E2 Project No.: 210042
Report: Phase I Environmental Site Assessment, ASTM International E1527-21
Inspection Date: February 16 and 17, 2022
Report Date: August 3, 2022
Site: RFP Project No. HAR-PM SW-2020-002
State of Hawaii Department of Transportation
Hilo, Hawaii, Hawaii
Tax Map Keys: (3) 2-1-007; Parcels 004, 005, and 046
and (3) 2-1-009; Parcels 003 and 004
Client: Bowers + Kubota Consulting

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.


John Ellis, Environmental Technician Date: August 3, 2022


Angela Peltier, Geologist Date: August 3, 2022


Arlene H. Campbell, L.G., Senior Geologist Date: August 3, 2022

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EDR Building Permit Report	
The EDR Property Tax Map Report	

Appendix C Vapor Encroachment Screening

Appendix D Qualifications of Environmental Professionals

Arlene Campbell, Licensed Geologist	
Angela Peltier, Geologist	
John Ellis, Environmental Technician	

List of Acronyms and Abbreviations

%	percent
§	Section
µg/L	micrograms per liter
AAI	All Appropriate Inquiries
ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	ASTM International
AUL	activity and use limitation
B+K	Bowers + Kubota Consulting
bgs	below ground surface
BIA	Big Island Asphalt Co., Inc
BTEX	benzene, toluene, ethylbenzene, and total xylenes
BYNA	Bureau Veritas North America, Inc.
C&D	construction and demolition
c.	circa
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CESQG	conditionally exempt small quantity generator
CFR	Code of Federal Regulations
CH2M	CH2M Hill Honolulu
Chevron	Chevron USA, Inc.
Clayton	Clayton Environmental Consultants
COPC	contaminant of potential concern
CORRACTS	Corrective Action Sites under RCRA
CREC	controlled recognized environmental condition
CW	Chemical Warehouse
CW2	Chemical Warehouse 2
CWB	Clean Water Branch
CWRM	Commission on Water Resources Management
DDT	dichlorodiphenyltrichloroethane
DLNR	Department of Land and Natural Resources
DoD	Department of Defense
DRO	diesel range organics
E2	Element Environmental, LLC
EA	Environmental Assessment
EAL	Environmental Action Level

ECHO	Enforcement & Compliance History Information
EHE	Environmental Hazard Evaluation
EHMP	Environmental Hazard Management Plan
ENPRO	ENPRO Environmental
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
ESI	Environmental Science International
FID	facility identification
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FINDS	Facility Index Systems
ft	feet
ft2	square foot
FTTS	FIFRA/TSCA Tracking System
GRO	gasoline range organics
Harbors	Harbors Division
HCRR	Hawaii Consolidated Railroad, Ltd.
HDOH	State of Hawaii Department of Health
HDOT	State of Hawaii Department of Transportation
HEER	Hazard Evaluation and Emergency Response
HEHP	Hawaii Environmental Health Portal
HELCO	Hawaii Electric Light Company
HHICD	Hilo Harbor Interisland Cargo Dock
HKB	Hoku Kai Biofuels, LLC
HREC	historical recognized environmental condition
HT&T	Hilo Transportation and Terminal Company
IEC	institutional/engineering control
Insight	Insight Environmental, LLC
IRHB	Indoor & Radiological Health Branch
lb	pound
LBP	lead-based paint
LLP	landowner liability protections
LOG	large quantity generator
LUO	Land Use Ordinance
LUST	leaking underground storage tank
MA	Mitsunaga and Associates, Inc.
MFA	Masa Fujioka and Associates
mg/kg	milligrams per kilogram

mg/L	milligrams per liter
MNA	Myounghee Noh & Associates, LLC
MNC	Mauna Loa Macadamia Nut Corporation
MORO	motor oil range organics
NFA	No Further Action
NOV	Notice of Violations
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
OCP	organochlorine pesticide
ORO	oil range organics
OWS	oil-water separator
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCP	pentachlorophenol
PCS	petroleum contaminated soil
PEC	potential environmental concern
PG&F	Pacific Guano & Fertilizer
PRP	potentially responsible parties
PVC	poly-vinyl chloride
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RGA HWS	Recovered Government Archive State Hazardous Waste
RID	release identification
RMP	Risk Management Program
ROW	right-of-way
RRO	residual range organics
SDAR	Site Discovery, Assessment, and Remediation Division
SDWB	Safe Drinking Water Branch
SEMS	Superfund Enterprise Management System
SHWB	Solid and Hazardous Waste Branch
SHWS	solid and hazardous waste site
SOSC	State On-Scene Coordinator
SPCC	Spill Prevention, Control, and Countermeasure
SMA	Special Management Area
SPG	South Pacific Geotechnical, Inc.
SQG	small quantity generator
SVOC	semi-volatile organic compounds

SWMP	Solid Waste Management Permit
TCLP	toxicity leaching characteristic procedure
Tesoro	Tesoro Hawaii Corporation
TMK	Tax Map Key
TPH	total petroleum hydrocarbons
TRPH	total recoverable petroleum hydrocarbons
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, and Disposal
U.S.	United States of America
U.S.C.	United States Code
UIC	Underground Injection Control
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	underground storage tank
VEC	vapor encroachment condition
VES	vapor encroachment screening
VESQG	very small quantity generator
VOC	volatile organic compound
VRP	Voluntary Response Program
VSI	visual site inspection
YB	Young Brothers, Limited
yd ³	cubic yard

Executive Summary

Bowers + Kubota Consulting (B+K) retained Element Environmental, LLC (E2) to conduct a Phase I Environmental Site Assessment (ESA) in general conformance with ASTM International (ASTM) Practice E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* for five parcels of land located at Hilo Harbor, Hilo, Hawaii and designated as Tax Map Keys (TMKs): (3) 2-1-007: Parcels 004, 005, and 046; and (3) 2-1-009: Parcels 003 and 004; hereinafter “the site, the subject property and/or the property.” Any exceptions, additions to, or deletions from the ASTM E1527-21, details of the work performed, sources of information, and findings are presented in the report. The properties are owned by AirGas Gaspro, Inc. (TMK: [3] 2-1-007: Parcel 005), 595K LLC (TMK: [3] 2-1-007: Parcels 004 and 046), and Sparks & Boschetti LLC (TMK: [3] 2-1-009: Parcels 003 and 004).

The purpose of the Phase I ESA was to identify environmental issues (if any) as part of due diligence in support of the State of Hawaii Department of Transportation (HDOT) Harbors Division’s (Harbors) acquisition of private lands located at Hilo Harbor, Hilo, Hawaii. E2 conducted the visual site inspection (VSI) of the subject property on February 16 and 17, 2022.

The purpose of a Phase I ESA is to identify recognized environmental conditions (RECs). ASTM guidance defines a REC as (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (3) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. RECs are listed in Table ES-1.

A controlled REC (CREC) is defined as a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (e.g., property use restrictions, activity and use limitations [AULs], institutional/engineering controls [IECs]). CRECs are listed in Table ES-2.

A historical REC (HREC) is defined as a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (e.g., AULs or other property use limitations). HRECs are listed in Table ES-3.

Potential environmental concerns (PECs), which cannot be definitively categorized as RECs due to insufficient available information required to make a determination, are identified in Table ES-4.

Table ES-1: Recognized Environmental Conditions

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<p>Harbor-Wide</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> The industrial nature of the adjacent harbor and harbor industrial lots includes historical and current use, manufacturing/mixing, transport, storage, releases, etc. of hazardous substances and petroleum products (i.e., crude oil, refined petroleum products, natural gas, molasses, pesticides, fertilizers, etc.). These substances are typically stored in aboveground storage tanks (ASTs) and underground storage tanks (USTs) constructed of steel, fiberglass, concrete, etc. and transported through above- and underground pipelines throughout the harbor area. Historic and current use, transport, and storage of hazardous substances and petroleum products in the harbor area is considered to be a REC as releases have been reported on several of the subject and adjacent parcels and it is likely, considering the long history of industrial use and historic tsunami and flooding damage, that unreported releases and contaminant migration have impacted one or more of the subject and adjacent properties. Railroad tracks were located throughout the harbor until at least circa (c.) 1946, including the area adjacent to the north of E2 Parcels A, B, and C, connections to the chemical plant on E2 Parcel D, and crossing E2 Parcel E. The type and extent of contamination along rail corridors fall into two general categories: residual contamination that may be found along any stretch of corridor and contamination associated with industrial uses alongside it. Potential contaminants and sources may include creosote from railroad ties; coal ash and cinder containing lead and arsenic; spilled or leaked hazardous substances such as oil, gasoline, cleaning solvents, etc.; herbicides; fossil fuel combustion products (PAHs); oil from transformers and capacitors; and metals. Historic use and maintenance of railroads and potential contaminant migration/movement associated with historic tsunami damage and flooding is considered to be a PEC. Arsenic-impacted dredge fill was used to build the harbor and to repair tsunami damage to the harbor area in 1946 and 1960. Additionally, arsenic-containing herbicides may have been used as weed control within the harbor area along railroad tracks, roads, rock walls, buildings, etc. Variable levels of arsenic have been detected in soil exceeding natural background levels and above State of Hawaii Department of Health (HDOH) environmental action levels within the harbor area, including several of the subject parcels. This is considered to be a REC because there is evidence that releases have occurred. 	✓	✓	✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<p>E2 Parcel A: AirGas Gaspro, Inc., 525 Kalanianaʻole Avenue, TWM (3) 2-1-007; Parcel 005</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Historic use of the property for pesticide manufacturing activities from 1958 to circa (c.) 1978 including a pentachlorophenol (PCP) release at the subject property (c. 1983) and suspected releases associated with the manufacturing plant. No records of verification sampling for the 1983 release and State of Hawaii Department of Health (HDOH) never issued a No Further Action (NFA) status. In 2018 HDOH stated that they suspect additional releases occurred at the site. Storage of large quantities of compressed-gas cylinders and the manufacturing of industrial and medical gases. No leaks or spills were identified during the VSI; however, they pose a risk of oxygen displacement, fires, explosions, spontaneous combustion, and toxic gas exposure. 	✓		✓
<p>E2 Parcel B: 595K LLC, 555 Kalanianaʻole Avenue, TWM (3) 2-1-007; Parcel 004</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> A UST of unknown volume and content was reportedly removed from the site on December 24, 1991. No documentation of the UST closure and site assessment was available for review. HDOH correspondence dated January 2020, indicates that soil vapor sampling is required in the vicinity of the former UST to verify the presence/absence of contamination. No documentation was found regarding the soil vapor sampling. <p><i>Solid and Hazardous Waste:</i></p> <ul style="list-style-type: none"> During the VSI hazardous substances and/or petroleum products were often observed to be improperly stored with improper labeling and/or no secondary containment. Housekeeping practices were poor and multiple <i>de minimis</i> releases were observed. This is considered a REC since improper storage of hazardous substances was observed. 		✓	✓
<p>E2 Parcel C: 595K LLC, 595 Kalanianaʻole Avenue, TWM (3) 2-1-007; Parcel 046</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Three reported releases have occurred on the subject property under HDOH Hazard Evaluation and Emergency Response (HEER) Case Nos. 1998.1024, 200090130-1055, and 20110302-1330. Site investigations indicate that free product has been identified in the groundwater and the soil has been petroleum- and metals-impacted. The HDOH has not issued a NFA status for the releases indicating a hazard may still be present. An in-ground hydraulic lift was observed in the auto shop during a 2018 site visit (the shop was not accessible during the VSI). No records of closure or removal were found. This is considered a REC as the amount of hydraulic fluid stored in underground reservoirs is above the reportable quantity if release should occur. 	✓		✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<ul style="list-style-type: none"> During the VSI hazardous substances and/or petroleum products were observed in contact with bare soil (i.e., rusting/leaking salvage vehicles, oily/greasy parts, electronic parts, tires, etc.) and/or improperly stored in containers (ranging from quart size containers to 55-gallon steel drums) for use during repair/maintenance operations. Housekeeping practices were poor and multiple <i>de minimis</i> releases were observed. This is considered a REC since improper storage of hazardous substances and petroleum products was observed. <p><i>Solid and Hazardous Waste:</i></p> <ul style="list-style-type: none"> The parcel has been used for unpermitted automobile salvage activities and vehicle maintenance and repair activities since the site closure activities between 2010 and 2011. Releases of petroleum and metals to the unpaired areas of the site were observed during the VSI. Large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, solid waste, a pile of at least 50 used tires, wood pallets, and other municipal waste were observed during the VSI. 	✓		✓
<p>E2 Parcel D: Sparks & Boschetti, 60 Kuhio Street, TWM (3) 2-1-009; Parcel 004</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> HDOH issued the site Facility Identification (FID) 9-600715 for three USTs (557-gallon diesel, 1,000-gallon gasoline, and 285-gallon used oil), all installed in 1936. The diesel tank was removed in 1991, and the other tanks are listed with a removal date of "Not Reported". This is considered a REC as it is not known if the USTs were properly closed or removed from the ground, and releases may be impacting the subject property. At least ten storage tanks (ASTs/USTs) ranging in capacity from 1,000 to 64,000 gallons, were historically used to store petroleum and other hazardous substances. There is no additional information regarding these tanks, and it is possible that releases may have occurred, and/or may be occurring from USTs remaining in the ground (if any). The site was historically used to manufacture, mix, store, package, and distribute pesticides and fertilizers; and has been used since 1928 to service, repair, and salvage fleet and private vehicles and equipment. This site is currently used to temporarily store hazardous substances and petroleum products as cargo and to service, repair, store, and salvage fleet/private vehicles and equipment. This historic use is considered a REC as releases may have impacted the subject property. The fertilizer building was constructed over an underground pipeline owned/used by Hilo Consolidated Railroad to transport oil to the harbor from an AST located approximately 290 feet south of the parcel. This is considered a REC because it is not known if the pipeline was properly drained of crude oil and abandoned. 		✓	✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, 55-gallon drums, 200-gallon polyethylene tank, oil collector) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even though the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. 			✓
<p>Solid and Hazardous Waste:</p> <ul style="list-style-type: none"> A Solid Waste Management Permit (SWMP) No. HW-6045/UO-0043-98 was issued to Conen's Freight Transport, Inc. at 500 Kalaniana'ole Street as a used oil transporter. Conen's Freight Transport, Inc. moved its operation to 60 Kuhio Street (E2 Parcel D), the permit was never issued for this address. Compliance issues were noted for the transport of used oil after the expiration of the permit. It is not known if any releases are associated with the use or transport of oil. The parcel has been used for unpermitted automobile salvage of vehicles and parts. Releases of petroleum and metals to the site were observed during the VSI. An open excavation containing a stockpile of solid waste items was observed. This is considered a REC as potential hazardous substances and petroleum products may be released to the subject property. <p>Stormwater Runoff / Drains:</p> <ul style="list-style-type: none"> Several concrete and asphalt patches likely associated with a former drainage system and a French drain were observed. The French drain was submerged with a light to moderate continuous petroleum sheen on the water. The outfall of the drain is unknown. This is considered a REC as a release was observed in the French drain. 	✓	✓	✓
<p>E2 Parcel E: Sparks & Boschetti, No Associated Address, TMK (3) 2-1-009: Parcel 003</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, small buckets, and containers, two 500-gallon tanks, at least found 30-gallon steel drums) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even though the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. 			

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<ul style="list-style-type: none"> The parcel has been used for unpermitted automobile and industrial equipment salvage vehicles and parts as well as construction and demolition debris. Releases of petroleum and metals to the site were observed during the VSI. 		✓	

Table ES-2: Controlled Recognized Environmental Conditions

Category	Controlled Recognized Environmental Conditions (CRECs)
Subject Property	E2 Parcel D: 60 Kuhio Street, TMK: (1) 2-1-009:004 (Subject Property) Case No. 20030711-1001 for an unknown quantity of oil released. The release was issued a status of Site On-Scene Coordinator NFA, this is considered a HREC as no property use restrictions were put in place in association with this release.
888 Kalaniana'ole Street, TMK: (3) 2-1-010:033	Adjacent Property to the south across Kalaniana'ole Street of E2 Parcels D and E (hydraulically upgradient) During environmental investigations at the site in 2002, contamination including total petroleum hydrocarbons (TPH) as oil range organics (ORO), benzo(a)pyrene, and naphthalene in soil and benzo(a)pyrene in groundwater was identified. In addition, the report indicated that an unknown quantity of oil spilled on May 20, 1992, when oil was observed in and under an abandoned factory likely associated with Papikou Mill of Brewer Hilo Coast Processing. On July 24, 2017, HDOH issued a NFA with Institutional Controls (ICs) determination. On January 2014, HDOH completed a Voluntary Response Program (VRP) Agreement for 794 Kalaniana'ole Avenue. Two significant releases of asphalt cement and asphalt emulsion occurred in the 1980s and a pipeline release was identified in 2006. In addition, a 3,000-gallon UST (FID 9-600714) was installed at the site in 1961 and removed in 1989. A 1992 assessment identified TPH as diesel range organics and TPH-ORO in groundwater consistent with bunker fuel and could be related to an off-site source (potentially 187 Silva Street). This site is considered a CREC as it is being managed under the VRP program with oversight by the HDOH and United States Environmental Protection Agency.
794 Kalaniana'ole Street, TMK: (3) 2-1-010:043	

Table ES-3: Historical Recognized Environmental Conditions

Category	Historical Recognized Environmental Conditions (HRECs)
Subject Property	E2 Parcel D: 60 Kuhio Street, TMK: (1) 2-1-009:004 (Subject Property) During the removal of the 557-gallon diesel UST in 1991, a release was detected in the soil at concentrations below the HDOH cleanup goals in place at the time.

Table ES-4: SPotential Environmental Concerns

Category	Potential Environmental Concerns (PECs)
Fuel Oil Pipeline	A Hawaiian Electric Light Company (HELCO) fuel oil pipeline warning sign was located within the sidewalk adjacent to the parcel along Kalamiana'ole Street. The sign did not indicate an offset or any other location information regarding the pipeline. The pipeline has been in place since the 1950s and was predicated by other fuel pipelines in the area.
Residual Lead in Soil Attributable to Lead-based Paint (LBP) and Leaded Gasoline	LBP and older roofing nails may have been used in the construction and/or maintenance and upkeep of former structures built prior to the early to mid-1980s. In addition, leaded gasoline may have been used and/or stored at the site.
Arsenic in Soil Attributable to Herbicides, Insecticides, and/or Rodenticides use, and Contaminated Fill	The main sources of elevated levels of arsenic are from the historic use of arsenic-based herbicides, insecticides, and/or rodenticides and the use of dredged fill from Hilo Bay, known to be contaminated from wastewater containing arsenic from the former cane plant at Waialea. Arsenic was intensively used from approximately 1915 to 1950 as an herbicide in sugarcane plantations as well as for weed control along roadways, railway corridors, rock walls, and around building perimeters and fences. Arsenic was also used for rat control in the 1920s and 1930s. As an example, it was reported that in March 1932 Honokaa Sugar Company acquired 35 tons of 99% pure arsenic for rat control in its sugar cane plantations. During the Regional Soil Arsenic Screening conducted in 2010, arsenic was detected in several surface soil samples collected in the vicinity of the subject parcels. Arsenic levels ranged from 72 to 508 milligrams per kilogram, exceeding both HOOH Tier 1 (Unrestricted) and Commercial/Industrial EALS.
Residual Pesticides Attributable to Legally Applied Pesticides	It is possible that residual levels of pesticides, herbicides, and/or termiticides (including but not limited to organochlorine pesticides, chlordane, aldrin, dieldrin, heptachlor, and dichlorodiphenyltrichloroethane (commonly known as DDT)) are present in the soil beneath and in the vicinity of the former structures at the site.
Asbestos-cement Piping	Asbestos-cement piping may have been used in the potable water distribution systems, sanitary sewer, and storm drains built prior to the 1980s. Over time the gradual degradation of the piping in the form of corrosion (i.e., internal calcium leaching due to conveyed water and/or external leaching due to groundwater) can occur. The crushing of asbestos-cement pipe with mechanical equipment causes this material to become a regulated asbestos-containing material.
Polychlorinated Biphenyls (PCBs)	Fluorescent light fixtures were identified at E2 Parcel A: 525 Kalamiana'ole Street, E2 Parcel B: 595K LLC.
Stormwater Runoff Concerns	Stormwater runoff impacted by potentially hazardous material like trash and debris, nutrients, sediment, metals, oxygen demanding substances, petroleum products, and bacteria/pathogens may be discharged into stormwater drain inlets, French drains, dry wells, and other drainage structures that lead to waterways.
Grease Trap	A grease trap was noted at E2 Parcel B: 595K LLC within a restaurant at the site. It is not known if the grease trap has been properly maintained. Grease traps can generate flammable and toxic gases over time. These gases can include methane, hydrogen sulfide, carbon monoxide, carbon dioxide, and/or other gases depending on the greases, oils, and fats in the trap.
Cesspools	HDOH records indicate that a cesspool was installed on E2 Parcel B in 2006 (located five feet to the northwest of the northwest corner of the existing restaurant) and at E2 Parcel D in 1999 (located between the locker room and craft center to the north of the warehouse). It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050.

Category	Potential Environmental Concerns (PECs)
Solid waste	Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. Solid waste was observed within all the parcels.
Environmental Data Resources, Inc. (EDR) Identified Sites	<p>The EDR database search identified the following sites; insufficient information was available to determine a hazard to the subject property:</p> <ul style="list-style-type: none"> Five Formerly Used Defense Sites (FUDS) were identified within 1-mile of the subject property (General Lyman Field, Marine Storage, Marine Corps Supply Services, Hoolulu Park Camp, and Naval Reserve Training Center). E2 Parcel A: 525 Kalamiana'ole Street was identified on the Solid and Hazard Waste Sites database for Gaspro Hilo Herbicide Manufacturing Plant, and under the Resource Conservation and Recovery Act Non Generator, Facility Index System, and Enforcement & Compliance History Information databases for HGP, Inc. EDR identified 15 unmaappable sites. Unmaappable sites cannot be plotted due to inaccurate or missing information in the environmental database record provided by its applicable agency. <p>A fuel pipeline release 25 years ago affected a "large area." Regulatory records and remediation documentation were not available for review for this specific event; however, Tesoro sent a letter to HOOH HEER Office requesting an NFA for a Release Response Report for a fuel oil release from a pipeline that was completed on January 26, 2000. No further documentation was available. It is likely that this fuel oil release is associated with pipeline release near the golf course located approximately 1/2-mile west of the subject property.</p>
Other Property Concerns	

Section 1 Introduction

1.1 Overview

Bowers + Kubota Consulting (B+K) retained Element Environmental, LLC (E2) to conduct a Phase I Environmental Site Assessment (ESA) for five parcels of industrial land located at Hilo Harbor, Hilo, Hawaii and designated as Tax Map Keys (TMKs): (3) 2-1-007: Parcels 004, 005, and 046; and (3) 2-1-009: Parcels 003 and 004; hereinafter “the site, the subject property, and/or the property.” The owners of the subject properties are AirGas Gaspro, Inc. [(3) 2-1-007: Parcel 005], 595K LLC [(3) 2-1-007: Parcels 004 and 046], and Sparks & Boschetti LLC [(3) 2-1-009: Parcels 003 and 004] (County of Hawaii 2022).

This Phase I ESA was conducted in general conformance with ASTM International (ASTM) Practice E 1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2021). The purpose of the Phase I ESA was to identify environmental issues (if any) as part of due diligence in support of the State of Hawaii Department of Transportation (HDOT) Harbors Division’s (Harbors) acquisition of private lands located at Hilo Harbor, Hilo, Hawaii.

1.2 Purpose

The purpose of the ASTM Practice is to define good commercial and customary practice in the United States of America (U.S.) for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (42 U.S.C. Code [U.S.C.] Section [§]9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”); that is, the practice that constitutes All Appropriate Inquiries (AAI) into the previous ownership and uses of the property consistent with good commercial and customary practice, as defined in 42 U.S.C. §9601 (35)(B).

For the purposes of this practice:

- The definition of a release includes contamination in the soil vapor phase, as well as in soil or groundwater of any hazardous substance or petroleum product.
- “Migrate” and “migration” refer to the movement of hazardous substances or petroleum products in any form, including solid and liquid at the surface or subsurface, and vapor in the subsurface.
- Vapor migration/intrusion (excluding impacts to indoor air from releases of hazardous substances into the environment) does not fall under the category of an Indoor Air Quality concern and is not included in the ASTM E1527-21 scope of work.

ASTM guidance defines a recognized environmental condition (REC) as (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or

petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment (ASTM 2021).

A controlled REC (CREC) is defined as a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place, subject to implementation of required controls (e.g., property use restrictions, activity and use limitations [AULs], institutional/engineering controls [IECs]) (ASTM 2021).

A historical REC (HREC) is defined as a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (e.g., AULs or other property use limitations) (ASTM 2021).

RECs do not include *de minimis* conditions that relate to a release that generally does not present a threat to human health and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (ASTM 2021).

Potential environmental concerns (PECs), a non-ASTM scope definition, are not considered RECs as insufficient data or evidence is available to make a definitive determination that a “release” is impacting the subject property.

1.3 Detailed Scope-of-Services

This Phase I ESA was performed under the conditions of, and in general accordance with an executed agreement dated June 5, 2020, and the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Designation E1527-21) (E2 2020 and ASTM 2021). Adherence to the ASTM standard is intended to limit the liability of property owners from inherited environmental contamination.

The Phase I ESA included the following tasks:

- **Review of regulatory records.** E2 reviewed standard environmental record sources including the U.S. Environmental Protection Agency (EPA) Superfund Enterprise Management System (SEMS) database (formerly Comprehensive Environmental Response Compensation and Liability Information System [CERCLIS]), EPA’s Resource Conservation and Recovery Act (RCRA) database, U.S. IEC database, EPA’s Emergency Response Notification System (ERNS) database, State of Hawaii Department of Health (HDOH) Hazard Evaluation and Emergency Response (HEER) Office site list, HDOH Underground Storage Tank (UST) list, HDOH Leaking UST (LUST) list, HDOH list of landfills and other solid and hazardous waste sites (SHWS), HDOH Voluntary Response Program (VRP) sites list, and the HDOH Brownfield sites list.
- **Review of site history.** E2 reviewed reasonably ascertainable standard historical sources including historical maps; aerial photographs; building permits, zoning records, and property tax records available online; various printed publications as well as publications posted on the internet; and documents and/or records provided by the owner/user and/or their representatives.

- **Review of site geology and hydrogeology.** E2 reviewed reasonably ascertainable published information on surface and subsurface conditions at the site and surrounding area. E2 used this information to assess topography, drainage, surface water bodies, anticipated subsurface geology, and groundwater occurrence and usage in the area.
- **Visual Site Inspection (VSI).** E2 performed a VSI of the property to note visual signs of contamination and conducted a limited assessment of portions of the neighboring properties visible from the subject property boundaries. During the VSI, E2 specifically looked for hazardous substances; petroleum products; aboveground storage tanks (ASTs) and USTs; odors; pools of liquid; drums; electrical and hydraulic equipment; means for heating and cooling structures; stains or corrosion; drains and sumps; pits, ponds, or lagoons; stained soil or pavement; stressed vegetation; solid waste; wastewater; wells; and septic systems. The VSI focused on commercial/industrial areas and practices at the property (i.e., elevators, mechanical/electrical rooms, emergency generators).
- **Interviews.** E2 interviewed available individuals familiar with the site conditions and/or history of site use.
- **Data evaluation and report preparation.** E2 evaluated the information collected and prepared this report that documents the assessment and presents the findings, opinions, and conclusions.

1.4 Significant Assumptions

In preparing this report, E2 assumes the following:

- Certain verbal information and representations provided by Phase I ESA owner/users; landowners, tenants, occupants, and/or their representatives; government employees; and others, are complete and accurate to the best of their knowledge.
- Government agency responses to public requests for information are complete and accurate.
- Reports provided by the private database search company (detailing a computer search of government databases) are complete and accurate.
- Written information and documents provided by the Phase I ESA owners/users, tenants, occupants, and/or their representatives are complete and accurate to the best of their knowledge.

Except as discussed, E2 has relied on that information and did not attempt to verify its accuracy or completeness independently but did not detect any inconsistency or omission of a nature that might call into question the validity of the data. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity. E2 assumes no responsibility for any consequence arising from any information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to E2.

1.5 Limitations and Exceptions

Phase I ESAs, by their very nature, are limited. E2 has endeavored to meet what it believes is the applicable standard of care and, in so doing, is obliged to advise its client, B+K, of the Phase I ESA limitations. This Phase I ESA did not assess environmental issues or conditions at the property that are outside the scope of

ASTM Practice E1527-21, including, but not limited to, asbestos-containing material (ACM), biological agents, cultural and historical resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint (LBP), lead in drinking water, mold, radon, regulatory compliance, and wetlands, nor did it include any sampling or testing for biological agents and mold, radon, methane, ACM, LBP, or other environmental contaminants. The E2 investigation was limited to procedures described in the Phase I ESA Standard Practice (ASTM 2021).

The conclusions presented in this report are professional opinions based solely upon visual observations of the site and vicinity and E2's interpretation of the available historical and regulatory information and documents reviewed. They are intended exclusively for the purpose outlined herein and apply only to the site location and project indicated.

The findings and opinions are based on information that E2 obtained on given dates through a records review, site reconnaissance, interviews, and related activities. It is possible that other information exists or subsequently has become known, just as it is possible for conditions E2 observed to have changed after the initial observations. For these and associated reasons, E2 and many of its peers routinely advise clients for ESA services that it would be a mistake to place unmerited faith in findings and opinions conveyed via ESA reports. E2 cannot under any circumstances warrant or guarantee that not finding indicators of hazardous substances or petroleum products means that hazardous substances or petroleum products and/or associated contamination do not exist on the site.

1.6 Special Terms and Conditions

E2's services are performed, within limits prescribed by the client, with the usual thoroughness and competence of the consulting profession in accordance with the standard for professional services at the time those services are rendered. No warranty or representation, either expressed or implied, is included or intended in the proposals, contracts, or reports.

Findings and opinions presented herein apply to site conditions existing at the time of E2's investigation and those reasonably foreseeable; they cannot necessarily apply to site changes of which E2 is not aware and has not had the opportunity to evaluate.

1.7 Data Gaps

Based on the information obtained during this ESA, it is E2's professional opinion that a historical data gap, as defined in the ASTM guidelines, has occurred in attempting to document the history of the subject property back to the earlier part of 1940 or the first developed usage of the property in five-year increments, as follows:

- Historical information regarding the subject property from 1842 to 1875, 1877 to 1885, 1887 to 1899, 1907 to 1913, 1938 to 1945, 1947 to 1953, and 1967 to 1973.
- Some areas of the site were not accessible during the VSI due to obstructions such as active movement and storage of cargo; storage of salvage vehicles, materials, equipment, vehicles, etc.; dense vegetation; and lack of accessibility to several of the offices in the newly renovated building

on the 60 Kuhio Street parcel and the restaurant and church on the 555 Kalanianaʻole Avenue, TMK: (3) 2-1-007; Parcel 004.

- No contact information was provided to interview the current owners/tenants and property managers/owners/tenants were not present during the VSI.
- No response has been received regarding the PCB status of transformers for Hawaii Electric Light Company (HELCO) as of the date of this report.

Based on the information obtained, the lack of documentation is not deemed critical and did not affect the ability to identify RECs associated with the subject property.

1.8 User Reliance

This report is intended for the use of B+K and their assignees. The scope-of-services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of the said user.

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Section 2 Site Description

2.1 Location and Legal Description

General site and environmental setting information is summarized in Table 2-1. For simplification purposes, E2 has assigned each parcel an E2 parcel letter as identified in Table 2-1. Figure 1, included in Appendix A, shows a location map and configuration of the area in relation to adjacent properties. The site layout is shown in Figure 2, included in Appendix A.

Table 2-1: Subject Property General Information

E2 Parcel A	TMK: Subject Property Address: Property Owner:	(3) 2-1-007; Parcel 005 525 Kalanianaʻole Street, Hilo, Hawaii, Hawaii AirGas Gaspro, Inc.
E2 Parcel B	TMK: Subject Property Address: Property Owner:	(3) 2-1-007; Parcel 004 555 Kalanianaʻole Street, Hilo, Hawaii, Hawaii 595K LLC
E2 Parcel C	TMK: Subject Property Address: Property Owner:	(3) 2-1-007; Parcel 046 595 Kalanianaʻole Street, Hilo, Hawaii, Hawaii 595K LLC
E2 Parcel D	TMK: Subject Property Address: Property Owner:	(3) 2-1-009; Parcel 004 60 Kuhio Street, Hilo, Hawaii, Hawaii Sparks & Boschetti LLC
E2 Parcel E	TMK: Subject Property Address: Property Owner:	(3) 2-1-009; Parcel 003 No Associated Address, Hilo, Hawaii, Hawaii Sparks & Boschetti LLC
Topographic Map: Topographic map coverage of the area is included on the U.S. Geological Survey (USGS) 7.5-minute Hilo quadrangle map, as shown in Figure 1. The property is located at 19° 43' 37.62" north latitude and 155° 3' 23.42" west longitude for E2 Parcels A, B, and C and 19° 43' 43.76" north latitude and 155° 3' 9.58" west longitude for E2 Parcels D and E. The subject property parcels are relatively flat (HDOT-Harbois 2001).		
Subject Property General Location: The subject property parcels are located within the Waiakea Industrial Lots area adjacent to Hilo Harbor in Hilo, on the windward (east) side of the island of Hawaii, Hawaii.		
Subject Property Area: Area to the north, industrial properties to the east of E2 Parcel C, Kalanianaʻole Avenue to the south, and Kumau Street to the west of E2 Parcel A, E2 Parcels D and E are contiguous parcels bounded by Ocean View Drive on the north, Kahanu Street to the east, Kalanianaʻole Avenue on the south, Kuhio Street to the west of E2 Parcel D.		
Subject Property Existing Use:	E2 Parcel A	The subject property is currently occupied by AirGas Gaspro, a provider of compressed gases and compressed-gas containers, tools, equipment, and accessories.
	E2 Parcel B	The subject property is currently occupied by mixed use businesses, including Ocean Front Kitchen Chinese Food restaurant, Zion's House of Praise Holiness Church, A&A Storage CO, Service Rentals, a commercial kitchen space, a cardboard recycling service, and an office. Unleased portions of the warehouse are vacant or occupied by defunct industrial equipment.
	E2 Parcel C	The subject property is currently occupied by two auto repair and maintenance companies: Hilo Auto Sales & Rentals and Maikai Auto Body & Paint LLC. There is also an unpermitted auto salvage operation on the site.

Subject Property Existing Use:	E2 Parcel D	The subject property is occupied by multiple occupants including (from west to east) Kooli's Auto Repair, Hoppa-On Hoppa-Off Bus, Conen's Freight Transportation, Inc., Westside Audio Hilo, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC.
Geologic Setting:	E2 Parcel E	The subject property is currently used by Conen's Freight Transportation, Inc., a provider of general freight trucking, truck transportation, and warehouse services.
The island of Hawaii is comprised of five very young volcanic mountains. These include the Mauna Kea, Mauna Loa, Kohala, Hualalai, and Kilauea Mountains (Macdonald, Abbott and Peterson 1983). The oldest volcano is believed to be Kohala and the youngest, Kilauea, that dates to the present day (Macdonald, Abbott and Peterson 1983). The subject property is located approximately nine miles north of Keaua, on the eastern flank of the Mauna Loa Volcano (Macdonald, Abbott and Peterson 1983). Mauna Loa rocks are divided into the oldest Nihoale Volcanic Series, then the Kahuku Volcanic Series, Pahala Ash layer, then the newest Kau Volcanic Series (Macdonald, Abbott and Peterson 1983). The Kahuku Series is capped by Pahala Ash and is believed to be coeval with the Hiline Series of Kilauea (Macdonald, Abbott and Peterson 1983).		
The Kau Series overlies the Pahala Ash and is correlative with the Puna Series of Kilauea (Macdonald, Abbott and Peterson 1983). Lava flows of the Kau Series interfinger with the Puna Series of Kilauea interfinger along the boundary between the two volcanoes (Macdonald, Abbott and Peterson 1983). The subject property is located on the Waiakea Peninsula on the prehistoric rocks of the Kau Volcanic Series with an age of 5,000-10,000 years before present (Macdonald, Abbott and Peterson 1983).		
The island of Hawaii is divided into zones according to the degree of hazard from lava flows with Zone 1 the area of the greatest risk and Zone 9 the area of least risk. The project area is in a region where the risk of volcanic eruption is classified by the USGS as Lava Flow Hazard Zone 3. The Zone 3 designation includes the lower slopes of Mauna Loa and all of the city of Hilo that lies south of the Waikuku River. With respect to seismic activity, the entire island is in Zone 3 category of the Uniform Building Code that requires public and certain types of private buildings to meet structural design standards for earthquake resistance.		
Nearest Surface Water Body: The closest surface water body to the subject property parcels is the Reeds Bay, Kuhio Bay, and Radio Bay portions of the Pacific Ocean located to the north of the subject property. The location of the site in relation to the bays is shown in Figure 1.		
Soil and Geologic Conditions: According to the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the soil in the area of the site is classified as Ophihiko-Urban land complex, 2 to 20 percent (%) slopes. This series consists of well-drained soils. The soils are alluvium derived from pahoehoe lava flows. The surface layer is highly decomposed plant material about three inches thick. The sub-stratum layer is bedrock (USDA NRCS 2018). The subsurface geology of the project area consists of fractured basalt beneath surface soils, which makes subsurface contamination in the area difficult to identify and delineate, and difficult to remediate (Kauai Environmental, Inc. 2010).		
Depth to Groundwater and Location Relative to the Underground Injection Control (UIC) Line: The subject property area lies makai (seaward) of the UIC line and groundwater beneath the site is not considered a potential source of drinking water since it is primarily comprised of seawater. This area coincides with the outer edge of the groundwater lens, where freshwater forms only a thin layer overlying the substantially thicker brackish water zone. The subject property parcels are located within the Hilo Aquifer System of the Northeast Mauna Loa Aquifer Sector (Mink and Lau 1993). The aquifer is characterized as basal, unconfined, and located in flank formation. This aquifer is classified as currently used as a drinking water source, and as having a fresh salinity (<250 milligrams per liter [mg/L] chloride). The aquifer is further classified as irreplaceable with a high vulnerability to contamination (Mink and Lau 1993).		

Depth to Groundwater and Location Relative to the UIC Line:	The lava formation beneath the Hilo Harbor area appears to be of pahoehoe flow, which is characterized by a smooth, rope-like or billow surface and an internal structure of vesicular (porous) rock. In general, the basalt formations in the area are considered to be relatively permeable rock and can transmit water quite readily in the horizontal and vertical directions. Water is normally transmitted through the porous rock matrix, along fractures and cavities/voids, and along clinker layers. Therefore, the permeability of the basalt will be highly dependent on the presence of fractures, cavities, and drinker layers.
Inferred Direction of Shallow Groundwater Flow:	The subsurface conditions under the subject properties are interpreted from available data and may vary. Environmental investigations conducted in the harbor area indicate that groundwater is tidally influenced and ranges approximately from 7 feet (ft) below ground surface (bgs) on the north side of the harbor to 12 ft bgs on the south end near Kalaniana'ole Avenue. The direction of the groundwater flow in the shallow aquifer is inferred to be toward the bays to the north.
Flood Zone Designation:	As identified by the Federal Emergency Management Agency Federal Insurance Rate Map is located within "Zone X – Areas determined to be outside the 0.2% annual chance floodplain" for E2 Parcels A, B, and C that are located makai (seaward) of the 12 ft base flood elevation line, and within "Zone VE – Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined" for E2 Parcels D and E located makai (seaward) of the 20 ft base flood elevation lines (State of Hawaii 2018). The subject property parcels are located within the Special Flood Hazard Area Zone (State of Hawaii 2022a).
State Land Use Ordinance (LUO):	The State LUO for the site is Urban (State of Hawaii 2018).
County of Hawaii Zoning LUO:	The County of Hawaii zoning LUO designation for the subject and adjoining properties is MG-1a General Industrial District (minimum land area of 1-acre, required for each building site) (County of Hawaii 2019). The subject property area is within the Special Management Area (SMA). The subject property area is within a tsunami inundation area. Possible tsunami inundation and hurricane wave wash are potential hazards that are unavoidable for coastal dependent uses such as harbors.

2.2 Current Uses of the Adjacent Properties

Table 2-2 lists the parcel numbers and owner/occupant activities for the adjacent properties. Figure 2, included in Appendix A, shows the locations of adjacent properties.

Table 2-2: Adjacent Properties

TMK: (3)	Occupant	Owner/Occupant Activities
E2 Parcels A, B, and C		
Parcels adjacent to the north		
2-1-007-051	State of Hawaii (Owner) No associated address	Hilo Harbor (Commercial & Industrial)
2-1-007-052	State of Hawaii (Owner) Masayumi Inc. (Lessee) No associated address	Hilo Harbor (Commercial & Industrial)
Parcel adjacent to the northwest across Kumau Street		
2-1-007-056	State of Hawaii (Owner) I Kitagawa & Co. LTD (Lessee) No associated address	Kumau Street Automobile Sales & Parking

TMK: (3)	Occupant	Owner/Occupant Activities
Parcels adjacent to the west across Kumau Street		
2-1-007-003	I Kitagawa & Co. LTD (Owner) 55 Kumau Street	Automobile Sales & Parking
2-1-007-007	Kitagawa C Inc. (Owner) I Kitagawa & Co. LTD (Lessee) 471 Kalaniana'ole Street	Automotive Sales & Maintenance (Kamaaina New & Used Nissan)
Parcels adjacent to the south across Kalaniana'ole Street		
2-1-008-026	Kuhio Industrial Park (Owner) A & A Hawaii Inc (Owner) 500 Kalaniana'ole Street	Warehousing (Creative Arts Hawaii)
2-1-008-023	CPN Investments LLC (Owner) 600 Kalaniana'ole Street	Construction Base Yard (Isemoto Contracting Co., Ltd)
2-1-008-025	Geo Investment Company, Inc. (Owner) First Hawaiian Bank (Lessee) 612 Kalaniana'ole Street	Warehousing (Kona Transportation Co., Inc.)
Parcel adjacent to the west		
2-1-007-047	Mid Pac Petroleum LLC (Owner) 607 Kalaniana'ole Street	Petroleum Storage & Transportation (Tesoro Hawaii – Hilo Terminal)
E2 Parcels D and E		
Parcel adjacent to the north		
2-1-009-007 (portion)	State of Hawaii (Owner) 99 Kuhio Street	Hilo Harbor (Commercial & Industrial) (Young Brothers, Limited [YB])
Parcel adjacent to the east across Kahanu Street		
2-1-009-008	Gas Company 945 Kalaniana'ole Street	Fuel Storage & Transportation (The Gas Company)
Parcels adjacent to the south across Kalaniana'ole Street		
2-1-020-047	Hawaiian Home Lands (Owner) 928 Kalaniana'ole Street	Residential
2-1-010-033	State of Hawaii (Owner) Kalaniana'ole Real Estate Investments LLC (Lessee) FMMI LLC (Lessee) Hawaii Petroleum Inc. (Sub-Lessee) 888 Kalaniana'ole Street	Warehousing (Polynesian Adventure Tours)
2-1-010-043	Hoku Kai Biofuels LLC (Owner) 794 Kalaniana'ole Street	Fuel Storage & Transportation (Hoku Kai Biofuels, LLC [HK8])
2-1-010-042	Hawaii Electric Light Co. Inc. (Owner) 772 Kalaniana'ole Street	Keaukaha Electrical Substation
2-1-010-040	300 Corporation (Owner) LNW Hilo Inc. (Lessee) 750 Kalaniana'ole Street	Warehousing (HD Supply White Cap)
Parcel adjacent to the west		
2-1-009-031	State of Hawaii (Owner) No associated address	Hilo Harbor (Commercial & Industrial)

Section 3 User Provided Information

On June 3, 2022, Mr. Jeff Hood, Hawaii District Manager for HDOT-HAR (the user and owner), completed a User Questionnaire. A copy of the questionnaire is provided in Appendix B, and Mr. Hood's responses are provided in the following sections.

3.1 Title Records

No title records were provided for the subject property.

3.2 Environmental Liens or Activity and Use Limitations

The user has no knowledge of environmental liens or AULs for the subject property.

3.3 Specialized Knowledge

The user has no specialized knowledge of the subject or adjoining property.

3.4 Valuation Reduction for Environmental Issues

No valuation reduction evaluation for environmental issues has been conducted for the property.

3.5 Commonly Known or Reasonably Ascertainable Information

The user had no knowledge of any environmental cleanups occurring at the site.

3.6 Owner, Property Manager, and Occupant Information

No owner or contact information was known.

3.7 Reason for Performing the Phase I ESA

The purpose of the Phase I ESA was to identify environmental issues (if any) as part of due diligence prior to land purchase.

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Section 4 Records Review

4.1 Standard Environmental Record Sources

To identify the presence of adverse environmental conditions at the subject property, several published sources of environmental records were reviewed. This section lists the records that were searched and the results of each search. ASTM E1527-21 specifies search distances for specific environmental record sources.

Table 4-1 identifies the record sources searched for incidents or sites within the listed search distances of the subject property.

Table 4-1: Environmental Record Sources Searched

Standard Environmental Record Sources	Search Distance (miles)	Number of Sites Identified
Federal National Priorities List (NPL) (Superfund) site list	1.0	0
Federal Delisted NPL site list	0.5	0
Federal SEMS list (formerly CERCLIS)	0.5	0
Federal SEMS-Archive (formerly CERCLIS No Further Remedial Action Planned) site list	0.5	1
Federal RCRA Corrective Action Sites, under RCRA (CORRACTS) facilities list (facilities underground Corrective Action)	1.0	0
Federal RCRA Non-CORRACTS Treatment, Storage, and Disposal (TSD) facilities list	0.5	0
Federal RCRA generators list (conditionally exempt small quantity generator [CESQG], small quantity generator [SQG], very small quantity generators [VESQGS], and large quantity generator [LOG])	Subject and Adjacent properties	2
Federal IEC registries	Subject property only	0
Federal ERMS list	Subject property only	0
State list of SHWS identified for investigation or remediation (NPL or CERCLIS equivalents)	1.0	22
State landfill and/or solid waste disposal site lists	0.5	0
State LUST list	0.5	8
State registered UST list	Subject and Adjacent properties	4
State IEC registries	Subject property only	2
State VRP sites	0.5	1
State Brownfield sites	0.5	1
Additional Sites Searched but not required by ASTM		
SPILLS database	Subject property only	2
RCRA Non-Generator (Nongen)	Subject property only	5
Department of Defense (DoD)	1.0	1
Toxic Substances Control Act (TSCA)	Subject property only	1
Risk Management Program (RMP) Rules	Subject property only	2
Integrated Compliance Information System (ICIS)	Subject property only	1

Standard Environmental Record Sources	Search Distance (miles)	Number of Sites Identified
Federal Insecticide, Fungicide, and Rodenticide Act (FFRA) and TSCA Tracking System (FTTS)	Subject property only	1
HIST FTTS	Subject property only	1
Facility Index System (FINDS)	Subject property only	6
Enforcement & Compliance History Information (ECHO)	Subject property only	4
HI UIC Well Locations	Subject property only	1
EDR HIST Auto	Subject and Adjacent properties	2
Recovered Government Archive State Hazardous Waste (RGA) HWS Facilities list	Subject property only	1

E2 used EDR, an online regulatory database search service, to review the above listed Federal and State government databases within prescribed search distances as outlined in Table 4-1. A copy of the EDR report is included in Appendix B.

It should be noted that the specific regulatory agencies do not instantaneously update such databases. Depending on the database and the agency, updates may be as infrequent as annually. The dates of the most recent updates for the searched environmental databases are listed in the EDR report in Appendix B.

The subject and adjacent properties were identified on several of the EDR searched databases and are summarized in Table 4-2 for E2 Parcels A, B, and C and Table 4-3 for E2 Parcels D and E.

E2 reviewed the sites identified by EDR within the search radii. The closest sites, those located within a 1/8-mile distance from the site, and/or those with environmental concerns located beyond 1/8-mile that may impact the property are also listed in Tables 4-2 and 4-3. Refer to the EDR report (Appendix B) for a full listing of the sites within the required search radii.

Table 4-2: Sites Located within 1/8-mile of Subject Property and Sites with Environmental Concerns Beyond 1/8-mile of Subject Property: E2 Parcels A, B, and C

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Gaspro Hilo Herbicide Manufacturing Plant 525 Kalaniana'ole Avenue Hilo, HI 96720	SHWS	E2 Parcel A Subject Property	HI SHWS: S128196265
	RCRA NonGen		EPA ID: H1D980665665
	FINDS		Not a generator, verified as of 07/23/1993
HGR, Inc 525-B Kalaniana'ole Avenue Hilo, HI 96720	ECHO		Registry ID: 110005723388
	UST	E2 Parcel B	Facility identification (FID): 9-602405 Permanently Out of Use No information for tank installation date, tank capacity, or substance. Closed 12/24/1991

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Pacific Machinery, Inc. 45-6 Kalanianaʻole Avenue Hilo, HI 96720	SHWS	0 - ½ mile west (crossgradient / higher elevation)	HI SHWS: S1000252024 Release Identification (RID): 950071 Site Cleanup Completed (NFA)
	LUST		
Hilo Terminal 666 Kalanianaʻole Avenue Hilo, HI 96720	SHWS	0 - ½ mile east (upgradient / higher elevation)	HI SHWS: S106817731 No additional information listed
	VCP		
Big Island Asphalt Company, Inc. 794 Kalanianaʻole Avenue Hilo, HI 96720	IEC	0 - ½ mile east (crossgradient / higher elevation)	Hazard Managed with Controls – NFA Restricted Use as 07/24/2017 Contaminants of potential concern (COPCs): total petroleum hydrocarbons (TPH) as oil range organics (ORO), benzoflpyrene in soil and significant petroleum free product floating on groundwater. HI SHWS: S108859634 HI SHWS: S108008483
	SHWS		
Aloha Petroleum Hilo 999 Kalanianaʻole Avenue Hilo, HI 96720	SHWS	0 - ½ mile east (crossgradient / equal elevation)	HI SHWS: H10000631531 RID: 9-601623 Site Cleanup Completed (NFA)
	LUST		
Hawaiian Cement – Hilo Terminal Kuhio Wharf Road Hilo, HI 96720	LUST	0 - ½ mile northwest (downgradient / lower elevation)	RID: 890017 Site Cleanup Completed (NFA)
	LUST		
Young Brothers, Ltd Kuhio Wharf Pier 2 Hilo, HI 96720	LUST	0 - ½ mile northwest (downgradient / lower elevation)	FUDS: H09H00096 From 02/1941 to 07/1945, the U.S. Army and Navy acquired 2,054.18 acres of land in the vicinity of the Old Hilo Airport. During WWII the U.S. Naval Air Station-Hilo, U.S. Army Air Station-Hilo, and Hilo Airport Military Reservation were established. The facility included three runways, housing, training, and storage. FUDS: H09H0220
	FUDS		
Marine Storage Hilo, HI	FUDS	½ to 1 mile west (crossgradient / equal elevation)	FUDS: H09H0214 The site was probably used as office facilities for the procurement and documentation of incoming and outgoing supplies.
Marine Corps Supply Services	FUDS	½ to 1 mile southeast (upgradient / higher elevation)	

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Jack L. Avers, Jr. 555 Kalanianaʻole St Hilo, HI 96720	FINDS	E2 Parcel C	EPA ID: 110055394238 National Pollution Discharge Elimination System (NPDES) Permit 10726/1998-05/03/2000 UST Program 03/16/1993-01/05/2016 HI SHWS: S106820587
	SHWS		
Hilo Terminal 595 Kalanianaʻole Avenue Hilo, HI 96720	SPILLS	E2 Parcel C	Case No. 19881024 Release of 1,000-gallons of gasoline issued a State On-Scene Coordinator (SOSC) NFA Case No. 20090130-1055 Release of unknown amount of lead referred to Site Discovery, Assessment, and Remediation Division (SDAR) Case No. 20110302-1330 Release of unknown amount of oil referred to SDAR EPA ID: 1001218489 FINDS: H1000000844 EPA ID: 110001412490 1982-1983: Miller Petroleum Co Inc 1986 J D C Petroleum Corporation 1989-1990 M S Petroleum Corporation
	RCRA NonGen		
Tesoro Hawaii Corporation Terminal Department 595 595 Kalanianaʻole Avenue Hilo, HI 96720	EDR HIST Auto	E2 Parcel C	2005, 2006, 2008, 2009: Tesoro Hawaii Corporation
	RGH HWS		
KTA/Davies Property 600 Kalanianaʻole Avenue Hilo, HI 96720	SHWS	Adjacent to E2 Parcels A, B, and C (upgradient / higher elevation)	HI SHWS: S128195983
	UST		
Theo H. Davies 500 Kalanianaʻole Avenue Hilo, HI 96720	UST	Adjacent to E2 Parcel A (crossgradient / higher elevation)	RID: 9-600730 Permanently Out of Use 1,000-gallon diesel UST 01/07/1976-Not reported 2,000-gallon gasoline UST 01/07/1976-Not reported
	UST		
Big Island Nissan 471 Kalanianaʻole Avenue Hilo, HI 96720	UST	Adjacent to E2 Parcel A (crossgradient / higher elevation)	RID: 9-601326 Permanently Out of Use 500-gallon used oil UST 05/07/1967-06/23/1989 1,000-gallon other UST 05/07/1967-06/23/1989
	SHWS		
Tesoro Hawaii Corporation Terminal Department – 60 607 Kalanianaʻole Avenue Hilo, HI 96720	SHWS	Adjacent to E2 Parcel C (crossgradient / equal elevation)	HI SHWS: S11000337331 HI SHWS: S1211406268 EPA ID: H100006367 No violations found 1987 Unocal Corp
	RCRA-VSQG		
Unocal Corp 607 Kalanianaʻole Avenue Hilo, HI 96720	EDR HIST Auto		

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Hilo, HI 96720	FINDS		EPA ID: 110070272850 EPA ID: 110041668754 EPA ID: 110041668754
Brewer Chem Corp 60 Kuhio Road Hilo, HI 96720	RCRA NonGen TSCA RMP		EPA ID: HID059472415 No details EPA ID: 10111817344 Chlorine
BEI Hawaii – Hilo Facility 60 Kuhio Road Hilo, HI 96720	RMP		EPA ID: 1012040923 Chlorine
White Cap, Ltd (WCO402) 750 Kalaianaoale Avenue Hilo, HI 96720	RCRA-VSQ	Adjacent to E2 Parcel D (upgradient/ lower elevation)	EPA ID: HIR000137067 No violations reported
Pauley Petroleum 794 Kalaianaoale Avenue Hilo, HI 96720	UST	Adjacent to E2 Parcel D (upgradient / higher elevation)	FID: 9-600714 Permanently Out of Use 3,000-gallon diesel UST 04/09/1961, 06/30/1989
Big Island Asphalt Company, Inc. 794 Kalaianaoale Avenue Hilo, HI 96720	VCP SHWS		No additional information listed HI SHWS: S108008483
888 Kalaianaoale Avenue Hilo, HI 96720	IEC	Adjacent to E2 Parcel D (crossgradient / higher elevation)	Hazard Managed with Controls – NFA Restricted Use as 07/24/2017 COPCs: TPH-ORO, benzo(a)pyrene in soil and significant petroleum free product floating on groundwater. HI SHWS: S10800337331
KT/Davies Property 600 Kalaianaoale Avenue Hilo, HI 96720	SHWS	0 - ¼ mile east (crossgradient / higher elevation)	HI SHWS: S128195983
Tesco Hawaii Corporation Terminal Department – 60 607 Kalaianaoale Avenue Hilo, HI 96720	SHWS	0 - ¼ mile west (crossgradient / equal elevation)	HI SHWS: S10800337331
Par Hilo Terminal 607 Kalaianaoale Avenue Hilo, HI 96720	SHWS		HI SHWS: S121406268
Hilo Terminal 666 Kalaianaoale Avenue Hilo, HI 96720	SHWS	0 - ¼ mile west (upgradient / higher elevation)	HI SHWS: S106817731
Tesco Hawaii Corporation Terminal Department-701 701 Kalaianaoale Avenue Hilo, HI 96720	SHWS	0 - ¼ mile west (crossgradient / equal elevation)	HI SHWS: S108008650
Aloha Petroleum Hilo 999 Kalaianaoale Avenue Hilo, HI 96720	SHWS	0 - ¼ mile west (crossgradient / equal elevation)	HI SHWS: HID000631531

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Hooilo Park Camp	FUDS	½ to 1 mile southwest (crossgradient / higher elevation)	FUDS: H09H0130 On 03/15/1942 the U.S. Army leased the 51.27 acres site from the County of Hawaii for a temporary Camp/barracks for troops stationed on Hawaii. Site consisted of 47 barracks, 3 warehouses, two mess halls, three supply buildings, PX, two recreation buildings, dispensary, and offices. On 10/31/1945, 14.8 acres were returned to the Territory of Hawaii and released U.S. for any liability.
Naval Reserve Training Center Hilo, HI	FUDS	¾ to 1 mile northeast (upgradient / lower elevation)	FUDS: HI99799F398400 The site was used as a training area for Naval Reservists on the Island of Hawaii.
NG TS Keaukaha Mill Res	DoD	¾ to 1 mile south (upgradient / higher elevation)	Army Guard: Site has ongoing operational/support mission(s).

Table 4-3: Sites Located within 1/8-mile of Subject Property and Sites with Environmental Concerns Beyond 1/8-mile of Subject Property: E2 Parcels D and E

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Brewer Environmental Industries 60 Kuhio Wharf Road Hilo, HI 96720	UST ICIS FTTS HIST FTTS FINDS ECHO		FID: 9-600715 Permanently Out of Use 557-gallon diesel UST 01/22/1936- 12/24/1991 1,000-gallon gasoline UST 01/22/1936-Not Reported 285-gallon used oil UST 01/22/1936-Not Reported EPA ID: 1018285261 Enforcement actions noted EPA ID: 1007271119 AHERA: Enforcement Inspection No.: 19900117R4004 1 EPA ID: 1016106493 EPA ID: 110055385603 EPA ID: 110000508610
Mauna Kea Agribusiness Co., Inc. 60 Kuhio Street Hilo, HI 96720	SPILLS HI UIC	E2 Parcel D	Case Number: 20030711-1001 Release of unknown quantity of oil issued a SOS/NFA UIC Permit Number UH-1253 01/11/1985-11/3/2008
Former Pesticide Disposal Project 60 Kuhio Road Hilo, HI 96720	RCRA NonGen		EPA ID: HID982025967
Conen's Freight Transport, Inc. 60 Kuhio Street	RCRA NonGen	E2 Parcel D	EPA ID: 1014389675

Facility/Address	Database/List	Location Relative to the Subject Property	Environmental Concerns/Information
Aloha Petroleum Hilo Bulk Plant 999 Kalaniana'ole Avenue Hilo, HI 96720	SHWS		HI SHWS: S105263923
UH Hilo Pacific Aquaculture and Coastal Resources Center Puna Pump Station 1079 Kalaniana'ole Avenue Hilo, HI 96720	Brownfield	½ to ½ mile west (crossgradient / higher elevation)	Program Superfund Research Program (no additional information provided)
Hilo Harbor Quonset 80 Kuhio Street Hilo, HI 96720	SHWS	0 - ¼ mile west (crossgradient / equal elevation)	HI SHWS: S127331096 FUDS: H09H0096
General Lyman Field Hilo, HI	FUDS	½ to 1 mile south (upgradient / higher elevation)	From 02/1941 to 07/1945, the U.S. Army and Navy acquired 2,054.18 acres of land in the vicinity of the Old Hilo Airport. During WWII the U.S. Naval Air Station-Hilo, U.S. Army Air Station-Hilo, and Hilo Airport Military Reservation were established. The facility included three runways, housing, training, and storage. FUDS: H09H0220
Marine Storage Hilo, HI	FUDS	½ to 1 mile west (crossgradient / equal elevation)	FUDS: H09H0214
Marine Corps Supply Ser	FUDS	½ to 1 mile southeast (upgradient / higher elevation)	The site was probably used as office facilities for the procurement and documentation of incoming and outgoing supplies. FUDS: H199799F398400
Naval Reserve Training Center Hilo, HI	FUDS	¼ to ½ mile north (upgradient / lower elevation)	The site was used as a training area for Naval Reservists on the island of Hawaii
NG TS Keaukaha Mill Res	DoD	¾ to 1 mile south (upgradient / higher elevation)	Army Guard: Site has ongoing operational/support mission(s)

EDR identified 15 unmappable sites. Unmappable sites cannot be plotted due to inaccurate or missing information in the environmental database record provided by its applicable agency.

4.2 Other Information Sources

The following sections describe information obtained from other information sources.

4.2.1 Government Agencies File Review

E2 submitted requests to access public information for the subject and adjacent properties, the information acquired is briefly outlined in Tables 4-4 through 4-10.

4.2.1.1 E2 Parcel A: AirGas Gaspro, Inc., 525 Kalaniana'ole Street, TMK (3) 2-1-007: Parcel 005

A brief summary of findings obtained from the government agencies file review for the subject property is outlined in Table 4-4.

Table 4-4: Government Agencies Information Requests: E2 Parcel A

Agency	Contact	Notes:
HDOH Clean Water Branch (CWB)	Ms. Marian Dean, Environmental Health Specialist	<p>Referred to the Hawaii Environmental Health Portal (HEHP) and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property.
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>On June 18, 2018, HDOH HEER Office completed a Sampling of Opportunity Site Screening Sheet (HID000905772) for Gaspro Hilo Herbicide Manufacturing; findings for the subject property included:</p> <ul style="list-style-type: none"> Site owners: 2004 - 2018 AirGas Inc. / AirGas Gaspro; 1980 – 2004 Airco Inc. (subsidiary of BOC Group Inc.); early 1900s – 1980 Gaspro; and early 1900s-Hawaiian Gas Products, Inc. (HGP). Gaspro has been a manufacturer of industrial and medical gases, including hydrogen, oxygen, nitrogen, and carbon dioxide and dry ice. In 1958, Gaspro partnered with Amchem Products to produce herbicides and rodenticides at the Hilo facility. It is unknown how long the facility manufactured these products; however, the 1978 Sanborn map no longer shows weed control manufacturing at the facility. The northern portion of the facility was used for manufacturing herbicides and is within 200 ft of eight residences and 350 feet of Hilo Bay. Gaspro operated three small plants: a 500-gallon 2,4-D and 2,4,5-T, and other amines mixing plant that provided herbicides to customers in bulk in their containers; a rodenticide plant that produced rat-inf-treated oats; and a third plant that produced an oil-soluble activator to formulate a contact herbicide for broad leaf grasses (E2 Note: activators (adjuvants) can contain diesel or kerosene). A release to the soil around the manufacturing plant is suspected. The HDOH has initiated Site Discovery activities at the site. HDOH is providing oversight of nearby petroleum sites that have groundwater wells in the vicinity of Gaspro that may be sampled for COPCs for this facility operations. The HDOH has initiated Site Discovery activities at the site. Wells used for either domestic or municipal use within 1-mile include: <ul style="list-style-type: none"> - 8-4003-001 Panaewa Well#1 owned by County of Hawaii - 8-4003-002 Panaewa Well#2 owned by County of Hawaii - 8-4003-003 Panaewa Well#3 owned by County of Hawaii - 8-4306-001 Pihonua #3 Well A owned by State of Hawaii - 8-4306-002 Pihonua #3 Well B owned by State of Hawaii <p>September 20, 1983, HDOH Letter to HGP/EPA ID No. H1098065665 regarding 1983 EPA Hazardous Waste Investigation - Facility Investigation Report for the Old Facility (525B Kalaniana'ole Avenue - subject property) and the New Facility (761 Kanaelehua Avenue) (HW-614J). Findings for the subject property included:</p> <ul style="list-style-type: none"> Two types of rat poisons were manufactured: zinc phosphide oats and Ratfin oats. Two weed killers containing pentachlorophenol (PCP) were formulated: OSA-5 and OSA-15.
HDOH Solid and Hazardous Waste Branch (SHWB)	Ms. Amy Susana Liana, Office Assistant	<p>September 20, 1983, HDOH Letter to HGP/EPA ID No. H1098065665 regarding 1983 EPA Hazardous Waste Investigation - Facility Investigation Report for the Old Facility (525B Kalaniana'ole Avenue - subject property) and the New Facility (761 Kanaelehua Avenue) (HW-614J). Findings for the subject property included:</p> <ul style="list-style-type: none"> Two types of rat poisons were manufactured: zinc phosphide oats and Ratfin oats. Two weed killers containing pentachlorophenol (PCP) were formulated: OSA-5 and OSA-15.

Agency	Contact	Notes:
HDOH Indoor & Radiological Health Branch (IRHB)	Mr. Thomas Lulekis, Program Manager	<ul style="list-style-type: none"> Ready-made agricultural products (fertilizers, etc.) were sold wholesale. Hazardous waste was generated from spillage where OSA-5 and OSA-15 was generated in 1,000-gallon batches and transferred to drums. Spillage on the soil over the past years was cleaned up. Unitek Environmental Services excavated and disposed of eleven 55-gallon drums of PCB-contaminated soil which were shipped as hazardous waste to Oregon. There is no record of verification sampling to confirm that the remaining soils were clean. <p>No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, asbestos, or lead problems at the subject or adjacent property were found.</p>
HDOH Safe Drinking Water Branch (SDWB)	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the subject property. Seven UIC wells are located adjacent to the west and south of the subject property (UH-2925-1 through -7) that were installed as part of the Kumau Street Improvements at Pier 4.
HDOH WWB	Ms. Lori Morikami, Planner	The subject property has no individual wastewater system (i.e., cesspool, septic tank, and/or aerobic unit). No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject and adjacent properties was found.
Department of Land and Natural Resources (DLNR) Commission on Water Resources Management (CWRM)	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the subject property. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.2.1.2 E2 Parcel B: 595K LLC, 555 Kalaniana'ole Street, TMK (3) 2-1-007: Parcel 004

A brief summary of government agencies file review for the subject property is outlined in Table 4-5.

Table 4-5: Government Agencies Information Requests: E2 Parcel B

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	<p>Referred to the HEHP and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property.
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>On May 30, 2018, ENPRO Environmental (ENPRO) conducted a Phase I ESA for the 555 Kalaniana'ole Avenue parcel. The report findings were as follows:</p> <ul style="list-style-type: none"> In December 1991, a UST of unknown volume and content was removed. Adjacent property contamination that may impact this property includes: <ul style="list-style-type: none"> Release #19881024 of 1,000 gallons of gasoline, summarized in Table 4-6. Release of TPH as gasoline range organics (GRO), TPH as diesel range organics (DRO), and TPH as residual range organics (RRO), summarized under the January 3, 2001 event in Table 4-6. Release #20090130-1005 of TPH and polynuclear aromatic hydrocarbons (PAHs), summarized in Table 4-6.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<ul style="list-style-type: none"> A fuel pipeline that runs along Kalaniana'ole Avenue broke near the golf course approximately ½-mile west of the site. The release was estimated to have occurred 25 years ago and affected a "large area." Regulatory records and remediation documentation were not available for review. Insufficient documentation was available for a UST reportedly removed from the project site in 1991 to rule out potential vapor encroachment from this site. Tenants at the time included A&A Storage, Hawaii Noni Power Cooperative, Matzukaze Woodworking, Ocean Front Chinese Kitchen, and Zion's House of Praise Holiness Church. Structures at the site included a church building (circa [c.] 1945), restaurant and woodworking shop building (c. 1945-1950), storage building (c. 1945-1950), and Hawaii Noni Power Cooperative building (c. 1945-1950). <p>The interview with Ms. Lorraine Shin, President of Masayumi Inc. and landowner for 20 years indicated the property was previously occupied by a paint store in the current church building and an auto shop in the current woodworking shop/restaurant building.</p> <p>In a September 14, 2018 email from John Peard (HDOH) to property owner Ms. Lorraine Shin regarding the 555 Kalaniana'ole Street site, Mr. Peard recommended a Phase I ESA be conducted to summarize past uses of the property, including data on the UST removal. Recommendations should be made by the consultant regarding follow up sampling to clear the property of known RECs. Mr. Peard recommended preparation of a Sampling and Analysis Plan to evaluate suspect soil and groundwater contamination, if any.</p> <p>On July 12, 2019, ENPRO sent an email to HDOH proposing the following to delineate any contamination for the 555 Kalaniana'ole Avenue property:</p> <ul style="list-style-type: none"> GPR survey of the former UST location. Collect one MULTI INCREMENT soil sample from the floor of the former UST excavation. Collect two source soil vapor samples from the former UST location, one at each end of the excavation. Collect two source soil vapor samples from the eastern property boundary. No additional information regarding the proposed investigation was found.
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	<p><u>UST FID: 9-602405</u></p> <ul style="list-style-type: none"> One unknown capacity, unknown substance UST at Jack L. Ayers, Jr. facility was removed on December 24, 1991. They contracted D.L. Downing General Contractor, Inc. for sampling. Site assessment was reportedly completed and there was no evidence of a release; however, documentation of the UST closure and site assessment was not available for review.
HDOH IRHB	Mr. Thomas Lulekis, Program Manager	No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, or lead problems at the subject or adjacent property were found. Three records pertaining to notification of asbestos activities were located.
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the subject property. No UIC wells were identified on the subject property.
HDOH WWB	Ms. Lori Morikami, Planner	One cesspool card for the restaurant dated 06/05/2006 was noted for the subject property. The cesspool is located approximately 5 ft from the northwest corner of the restaurant building. No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject property was found.

Agency	Contact	Notes:
DLNR CWIRM	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the subject property. Six wells are located within 1-mile of the harbor, two to the west of the harbor that are used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.2.1.3 E2 Parcel C: 595K LLC, 595 Kalaniana'ole Street, TMK (3) 2-1-007: Parcel 046

A brief summary of findings obtained from the government agencies file review for the subject property is outlined in Table 4-6.

Table 4-6: Government Agencies Information Requests: E2 Parcel C

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	<p>Referred to the HERP and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property. <p>October 24, 1988 - Release #19881024. Approximately 1,000 gallons of gasoline were spilled when a tanker truck backed into a building. No additional information was provided. Release was attributed to/reported by M.S. Petroleum Corp.</p> <p>On January 3, 2001, Arcadis completed a Limited Groundwater Investigation to establish site baseline conditions. Free-phase product was collected from monitoring well MW-4 for forensic analysis indicating weathered gasoline and TPH-DRO and tetraethyl lead. Analysis of a sample from well MW-2 indicated lead in groundwater. This is consistent with the SPILLS database record of the 1988 release attributed to M.S. Petroleum Corp when leaded gasoline was still in use.</p> <p>An April 7, 2009, Hazardous Material Assessment Services report by Bureau Veritas North America, Inc. (BVNA) indicated the presence of LBP on on-site structures. Laboratory analysis of four <i>MULTI/INCREMENT</i> soil samples indicated lead concentrations greater than 200 milligrams per kilogram (mg/kg). During site closure activities Release ID #20090130-1055 was reported on January 30, 2009, due to lead in soil. Four petroleum ASTs, two oil-water separators (OWSs), a transformer pad, a truck loading rack, and a 2,000-gallon sump were removed from the property in March 2009.</p> <p>On May 22, 2009, Tesoro sent soil sampling results to HDOH regarding Release ID #20090130-1055. Analyses of soil samples indicated the presence of TPH-DRO and TPH as motor oil range organics (MORO), PAHs, and arsenic in site soils above the HDOH EALs in place at the time. The HDOH will likely require performance of additional sampling activities to address detections of analytes above the EALs in site soil samples.</p> <p>On October 25, 2010, County of Hawaii Planning Department issued a SMA Minor Use Permit (10-000165) to remove up to 1-ft of non-hazardous topsoil from TMK: (3) 2-1-007: Parcels 046 and 047. On December 2, 2010, the State of Hawaii DLNR determined that no historic properties will be affected by the proposed grading.</p> <p>On March 2, 2011, Release #20110302-1330 was reported. Weathered petroleum-impacted soil was discovered; absorbent pads were immediately applied to the rocky terrain. Soil samples were collected and analyzed for non-hazardous disposal.</p> <p>On August 16, 2012, a Site Closure Report was completed by Arcadis that detailed soil sampling in April and June 2009, and surface soil removal and <i>MULTI/INCREMENT</i> soil sampling conducted at the property from February through April 2011, associated with</p>
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>Referred to the HERP and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property. <p>October 24, 1988 - Release #19881024. Approximately 1,000 gallons of gasoline were spilled when a tanker truck backed into a building. No additional information was provided. Release was attributed to/reported by M.S. Petroleum Corp.</p> <p>On January 3, 2001, Arcadis completed a Limited Groundwater Investigation to establish site baseline conditions. Free-phase product was collected from monitoring well MW-4 for forensic analysis indicating weathered gasoline and TPH-DRO and tetraethyl lead. Analysis of a sample from well MW-2 indicated lead in groundwater. This is consistent with the SPILLS database record of the 1988 release attributed to M.S. Petroleum Corp when leaded gasoline was still in use.</p> <p>An April 7, 2009, Hazardous Material Assessment Services report by Bureau Veritas North America, Inc. (BVNA) indicated the presence of LBP on on-site structures. Laboratory analysis of four <i>MULTI/INCREMENT</i> soil samples indicated lead concentrations greater than 200 milligrams per kilogram (mg/kg). During site closure activities Release ID #20090130-1055 was reported on January 30, 2009, due to lead in soil. Four petroleum ASTs, two oil-water separators (OWSs), a transformer pad, a truck loading rack, and a 2,000-gallon sump were removed from the property in March 2009.</p> <p>On May 22, 2009, Tesoro sent soil sampling results to HDOH regarding Release ID #20090130-1055. Analyses of soil samples indicated the presence of TPH-DRO and TPH as motor oil range organics (MORO), PAHs, and arsenic in site soils above the HDOH EALs in place at the time. The HDOH will likely require performance of additional sampling activities to address detections of analytes above the EALs in site soil samples.</p> <p>On October 25, 2010, County of Hawaii Planning Department issued a SMA Minor Use Permit (10-000165) to remove up to 1-ft of non-hazardous topsoil from TMK: (3) 2-1-007: Parcels 046 and 047. On December 2, 2010, the State of Hawaii DLNR determined that no historic properties will be affected by the proposed grading.</p> <p>On March 2, 2011, Release #20110302-1330 was reported. Weathered petroleum-impacted soil was discovered; absorbent pads were immediately applied to the rocky terrain. Soil samples were collected and analyzed for non-hazardous disposal.</p> <p>On August 16, 2012, a Site Closure Report was completed by Arcadis that detailed soil sampling in April and June 2009, and surface soil removal and <i>MULTI/INCREMENT</i> soil sampling conducted at the property from February through April 2011, associated with</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>Release #20090130-1055 and #20110302-1330. Arcadis collected eight discrete soil samples from the property in April 2009, the results of which identified TPH-DRO, TPH-RRO, PAHs, lead, and arsenic at concentrations greater than the HDOH EALs in place at the time.</p> <p>Arcadis conducted a <i>MULTI/INCREMENT</i> surface soil investigation at the property in June 2009. Results of the analyses indicated lead and arsenic and concentrations greater than the HDOH EALs in place at the time. Arcadis reported that Kagami, Inc. removed approximately 1,595 tons of metal-impacted soil and 639 tons of petroleum-impacted soil from the property in early 2011. Soils were excavated until either lead and arsenic concentrations were below HDOH EALs or bedrock was encountered. TPH was extracted from the bedrock to the extent feasible using absorbent pads. Fill material from the sump was removed in March 2011. One discrete soil sample from the excavated stockpile was collected and analyzed for waste profiling. The analysis did not indicate concentrations of any analytes greater than the applicable HDOH EALs.</p> <p>Arcadis recommended an NFA designation be issued for the site, though an NFA determination had not yet been granted as of the date of this report.</p> <p>On June 6, 2016, Tesoro sent a letter to HDOH regarding records of past cleanup work as requested by HDOH. Tesoro Corporation purchased BHP Hawaii, Inc. in May of 1998 and, as part of the acquisition, created Tesoro Hawaii Corporation. Terminal #2 was not active under Tesoro, or the previous lessor (BHP Americas Inc.). As Tesoro understand the circumstances, BHP Americas Inc. strategically leased the facility to secure extra petroleum storage space in the event of future expansion needs. However, that need never arose. Tesoro did use Hilo #2 for an office and to warehouse non-petroleum products.</p> <p>Although we did not operate the petroleum storage tanks, Tesoro did perform extensive remediation at Terminal #2. As you mentioned, we requested closure for our work, which included substantial soil excavation and off-site disposal, in 2012. A response to a request for NFA was never granted for 20090130-1055 and 20110302-1330.</p> <p>On June 16, 2016, the HDOH responded that potential groundwater contamination needs to be addressed prior to closing out the site. Shallow groundwater occurs approximately 10 to 15 ft below bedrock and may be tidally influenced.</p> <p>On July 25, 2016, Tesoro provided title information for the subject property outlined in Table 4-12. Three ASTs were present as early as 1957 when Associated Oil operated the site.</p> <p>On May 25, 2018, ENPRO completed a Summary of Phase I ESA Findings. A brief description of the findings are as follows:</p> <ul style="list-style-type: none"> Historical use as a petroleum distribution center: <ul style="list-style-type: none"> Heavy metals, TPH, and PAH impacted soils on-site. Gasoline release on-site (Release ID #19881024). No record of remediation was available for review, nor was an NFA designation issued. Groundwater monitoring wells on-site. Potential VEC on-site due to petroleum releases. Former 2,000-gallon sump removed from the project site in March 2009. Fill material from the sump was removed and disposed of in March 2011. Historical use as an auto repair shop and salvage yard: <ul style="list-style-type: none"> Salvage vehicles and parts on-site. In-ground hydraulic lift observed in auto shop during the 2018 site visit. No records of closure or removal.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<ul style="list-style-type: none"> TPH and lead in groundwater on-site. Oil release from nearby pipeline. Former UST on adjacent property (555 Kalanianaʻole Avenue). <p>Multiple large ASTs were present on adjacent property (Par Hawaii Refining). In a September 14, 2018 email from John Peard (HDOH) to property owner Ms. Lorraine Shin regarding wells, Mr. Peard recommended preparation of a Sampling and Analysis Plan to include sampling existing groundwater monitoring wells and installation and sampling of new downgradient wells to evaluate the groundwater on-site and the potential for contaminant migration to the bay.</p> <p>On July 10, 2019, HDOH conducted a VS of the site and took photographs, several of which showed the four groundwater monitoring wells installed in 2001.</p> <p>On July 12, 2019, ENPRO sent an email to HDOH proposing the following to delineate any contamination for the 595 Kalanianaʻole Avenue property:</p> <ul style="list-style-type: none"> GPR survey of the property. Divide the unpaved property into eight decision units. Collect 11 soil vapor samples from the outdoor areas of the property. Collect 4 source and four shallow soil vapor samples from within property structures. Collected two groundwater samples from the existing on-site monitoring wells. <p>No records for the subject property were found.</p>
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, asbestos, or lead problems at the subject property were found.
HDOH IRHB	Mr. Thomas Lileikis, Program Manager	The Hilo Water System provides the drinking water to the subject property. No UIC wells were identified on the subject property.
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The subject property does not have an individual wastewater system (i.e., cesspool, septic tank, and/or aerobic unit). No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject property was found.
HDOH WWB	Ms. Lori Morikami, Planner	There are no registered DLNR wells on the subject property. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).
DLNR CWRM	Mr. Jonas Burgon, Engineer Technician	May 15, 2018 – ENPRO contacted the County of Hawaii Fire Communication Center to obtain information regarding any fires, complaints, permits, violations involving hazardous materials use, USTs or ASTs on record for the project site and/or adjoining properties. On May 23, 2018 , the County of Hawaii indicated that it does not have any record of USTs and ASTs for the project site. Additionally, no fire or hazardous materials incident responses related to the project site were identified on file.
County of Hawaii Fire Prevention Bureau		

4.2.1.4 Adjacent Properties to E2 Parcels A, B, and C

A brief summary of findings obtained from the government agencies file review for the properties adjacent to E2 Parcels A, B, and C is outlined in Table 4-7.

Table 4-7: Government Agencies Information Requests: Adjacent Properties to E2 Parcels A, B, and C

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	<p>Referred to the HEHP and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution identified on the adjacent properties. No NPDES permits, inspections, or enforcement actions identified on the adjacent properties.
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>Adjacent Property – KTA/Davies Property, 500 Kalanianaʻole Avenue, TMK: (3) 2-1-008,026 (Hydraulically upgradient)</p> <p>As of May 20, 1993, the 500 Kalanianaʻole is listed on the EPA and HDOH databases as follows: RCRA (HID984467829 for Fed. Express Corp), UST (9-6007-30-001 and -002 for Motor Supply).</p> <p>On June 23, 1993, South Pacific Geotechnical, Inc. (SPG) completed a Phase I ESA for the 500 Kalanianaʻole Avenue property. Prior to 1948, the site was used as a planing mill and carpentry shop. Between the years of 1954 to 1970, the property was active as a lumber yard and mill site. From 1970 to present, the site is being used by Davies Building Materials and then by various commercial businesses. A UST was removed in the southern section of the site. SPG concluded that due to the extent of site contamination, further sampling of soil and groundwater would be required to establish the extent of required cleanup.</p> <p>In December 1993, SPG completed a Phase II ESA at the 500 Kalanianaʻole Avenue property. The investigation included the excavation of test pits, drilling exploratory borings, installing monitoring wells and sampling both soil and groundwater occurred. Chemical analysis of the groundwater, soil samples, and catchment basin sludge were evaluated for this report. All water samples were analyzed for toxicity leaching characteristic procedure (TCLP) metals, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). All tested parameters were below reporting limits. TPH-DRO and total recoverable petroleum hydrocarbons (TRPH) was detected in several of the test pits at concentrations exceeding HDOH cleanup levels. VOCs, TPH-DRO, TPH-GRO, and TRPH, were detected in catchment basin samples. Based on the results of sampling it appears that site uses have impacted the unsaturated zone (soil and overburden), but not groundwater. Although no VOCs or SVOCs were detected in groundwater samples analyzed by the laboratory for this assessment, distinctive petroleum hydrocarbon odor and floating product were noted in each well. It appears that when comparing site conditions and tested parameters, impact to groundwater is from an off-site source. Non-friable asbestos was identified in the floor tile at two locations.</p> <p>On January 10, 1995, a Site Screening Sheet (Reference No. 94-0120-4) for the 500 Kalanianaʻole Avenue for the probable release to Class A groundwater or release to Class B groundwater and release to or localized contamination of soil that may pose a direct contact hazard due to limited facility access. Categorized as a medium priority due to observed release to groundwater, free floating product, and strong petroleum odor and soils tested to have TRPH at levels up to 32,000 mg/kg. No remediation has started and letter of interest should be sent to responsible party.</p> <p>On August 13, 1997, HDOH started sending out letters to potential responsible parties (Davies Building Materials, K. Tanguchi Ltd., and Theo H. Davies & Co. Ltd.)</p> <p>On September 11, 1997, Damon Key Boeken Leong Kupchak representing K. Tanguchi Ltd. responded to the HDOH request by quoting information from the Phase I and II ESAs. On September 23, 1997, HDOH responded stating that TCLP analysis is not appropriate for determining the presence or quantity of suspected contaminants and additional sampling and analysis for chromium, cadmium, lead, mercury, pentachlorophenol, and creosote is necessary.</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>On October 6, 1997, Damon Key Bocken Leong Kupchak representing K. Taniguchi, Ltd., provided a list of current rent/lease records 1.) Tri-S Corporation (rented prior to 1994), 2.) Environmental Recycling of Hawaii (rented since January 1995), 3.) William Reyes dba R&R Refrigeration Service (rented since June 1996), 4.) Titus Bontea (rented since June 1996), 5.) SLB Enterprises (rented since October 1996), and 6.) Kenneth Waijien Contracting (rented since prior to October 1994).</p> <p>On October 7, 1997, HDOH sent a letter to Damon Key Bocken Leong Kupchak representing K. Taniguchi, Ltd., regarding potential chemical associated with wood treatment and a landfill area where other hazardous wastes may have been buried. Confirming that a work plan for sampling and re-testing of groundwater, sludge, and soil will need to be completed.</p> <p>On March 31, 1998, Māsa Fujioka and Associates (MFA) completed a work plan for additional environmental sampling at 500 Kalanianaʻole Avenue property. On May 21, 1998, the HDOH approved the work plan.</p> <p>On September 24, 1998, MFA completed an Additional Environmental Investigation report. The sampling and analysis revealed the following:</p> <ul style="list-style-type: none"> Soil samples collected from the paint warehouse and waste disposal area had no visual nor olfactory evidence of contamination. In the paint warehouse area, lead was detected in sample PW-2 at 410 mg/kg, which is above the HDOH regulatory level at the time (400 mg/kg). In the soil samples from the waste disposal area, no analytes were detected at or above the HDOH regulatory level at the time. However, previous sampling in this area in 1994 found a TRPH concentration of 32,300 mg/kg in test pit TP-4, which is above the HDOH regulatory level at the time (5,000 mg/kg). Subsurface TPH-ORO contamination in excess of the HDOH regulatory level may still be present in the vicinity of TP-4. However, it appears that the extent of TPH-ORO contamination in the vicinity of TP-4 may be limited because other samples collected around TP-4 had concentrations below regulatory level at the time. No free product or sheen was observed in the groundwater wells, although well WB-1 had a slight petroleum odor. Relatively low concentrations (less than 1 mg/L) of TPHs were present in both wells. <p>Levels of TPH-DRO and MORO in excess of the HDOH regulatory level at the time are present in the sampled vault sediment. Other vaults and drains at the site may also contain elevated concentrations of petroleum hydrocarbons in the sediment.</p> <p>On February 11, 1999, a Site Screening Sheet was completed, and the site was determined to be a medium priority based on the Additional Environmental Investigation Report. On March 12, 1999, letter was sent to the potentially responsible party (K. Taniguchi, Ltd.) requesting additional investigation to determine where V-1 is discharging and that the vaults and drains be cleaned.</p> <p>On April 27, 2006, MFA completed a Final Report for Environmental Services for the 500 Kalanianaʻole Avenue property. Based on the findings from work conducted in 1998, the areas within the KTA property which required remediation were test pit 4 (TP-4), drains (DI-D7), and vaults (V-1 and V-2). MFA was present to monitor the excavation and removal of soil and sediments from these areas. MFA also took samples of the removed materials to develop a profile for the proper disposal of the sediment/soil. Approximately 8 cubic yards (yd³) (estimated 11 tons) of sediment/soil has been removed from drains, vaults and the surface. The sediment/soil contains petroleum hydrocarbons, primarily in the TPH-ORO of 5-400 mg/kg and does not exceed TCLP hazardous waste limits.</p> <p>On June 27, 2006, Damon Key Leong Kupchak Hāstert representing K. Taniguchi, Ltd. sent a letter to HDOH requesting a NFA. On July 27, 2006, HDOH issued a NFA for the site.</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>Adjacent Property – Hilo Bulk Terminal No. 3, 807 Kalanianaʻole Avenue, (9) 2-1-007047</p> <p>A November 17, 1982, HDOH Facility Inspection Report indicated the facility stores and distributes fuels and has one each of the following tanks on the property used to store the following products: diesel, unleaded gasoline, leaded gasoline, aviation fuel, and solvent (empty); and two intermediate fuel oil tanks. All tanks were in good condition and checked weekly for leaks.</p> <p>November 10, 1997 – Case No. 971110-0001. Approximately 20 gallons of oil and diesel were released to the soil. The SOSC reported there were no field evident petroleum impacts, and all soil sample concentrations were less the HDOH regulatory levels. A NFA determination letter was issued by HDOH on August 26, 2008.</p> <p>September 24, 2013 – Tesoro sent a letter to HDOH HEER Office to request a NFA for the Release Response Report for a fuel oil release from a pipeline that was completed on January 26, 2000. It is likely that this fuel oil release is associated with pipeline release near the golf course located approximately 1/2-mile west of the subject property.</p> <p>February 18, 2021—An Environmental Hazard Evaluation (EHE) was completed for the site. Historically, the property has been used for bulk storage and distribution of petroleum products, including gasoline, diesel, jet fuel, and heating oil. At one time, there were three former ASTs. The office/warehouse was built over two of the former ASTs. The current site consists of seven ASTs; two active ASTs and five empty ASTs (Tanks 2727, 3119, 3708, 3738 and 4299). In 1998, all seven ASTs were emptied and cleaned. In 2000, Tesoro Hawaii Corporation (Tesoro) placed the two active tanks 4279 and 4298 in naphtha (straight-run gasoline) service. Under Par Hawaii Refining, LLC, service eventually changed to Tank 4279 ethanol and Tank 4298 gasoline. Since 2000, there has been no storage of diesel or heating oil under the operation of Tesoro Hawaii Corporation or Par Hawaii Refining, LLC.</p> <ul style="list-style-type: none"> A 1991 Preliminary Subsurface Characterization was conducted and three monitoring wells were installed to assess the presence the thickness of free petroleum product – free product was measured to be 0.16 to 0.5 ft thick. An April 1997 groundwater and free product monitoring was conducted and it was determined the sample was comprised of gasoline through oil but primarily consisted of TPH-DRO and contained relatively low concentrations of toluene, ethylbenzene, and xylenes. In 1997, approximately 20 gallons of oil and diesel were released at the site and reported to HDOH HEER Office case no. 19971110-0001. In 1999a Phase II ESA Report was completed as part of Tosco's due diligence program for newly acquired Unocal terminals to establish baseline environmental conditions. TPH-DRO concentrations in soil samples ranged from not detected to 45.6 mg/kg and in the dry well sample at 1,650 mg/kg. TPH-ORO concentrations in soil samples ranged from not detected to 2,750 mg/kg in soil samples and 1,470 mg/kg in the dry well sample. In October 1999, a release notification was reported to HDOH for a release of 25 gallons of water/product leak from an old abandoned 4-inch diameter heating oil #1 line. The line was uncapped and drained, blind flanged and recapped (HDOH HEER Office Case No. 19991029-3545). The following information is unknown: the exact location of the release, whether the excavation or disposal of petroleum-impacted soil was conducted, and whether verification soil samples were collected to assess potential residual contamination.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<ul style="list-style-type: none"> In February 2000, a release notification was sent to HDOH regarding fuel leaking from a Well-O-Let that failed during the evacuation of a decommissioned pipeline (HDOH HEER Office Case No. 20000126-1004). The maximum volume released was 1,450 gallons of fuel oil #6 across a spill area estimated 55 ft long by 12 ft wide by 2 inches deep located north of Tank 4298. The vacuum truck operator estimated that 843 gallons of recoverable free liquids were recovered with the vacuum truck. Within the following week, soil within the entire spill area was excavated manually to a depth of 6 to 8 inches. The excavated petroleum-impacted soil totaled approximately 27 tons and was disposed of at the West Hawaii Landfill. During the initial release response actions and confirmatory soil sampling evidence of another layer of weathered petroleum was discovered at approximately six to seven inches bgs below the fuel oil #6 release area. Results of the fuel fingerprinting analysis indicate that the surface soil sample and the deeper soil samples are from different sources. It was concluded that the vertical and horizontal extent of the petroleum-impacted soil associated with the fuel oil #6 release on January 26, 2000, was delineated and removed. A 2003 Regulatory Records review concluded that the site did not appear to meet HDOH HEER Office requirements for an MFA as analyses for fuel-related constituents included on the HDOH Tier 1 Action Level lists were not completed, the extent of detected soil contamination was not determined, documentation of proposed removal actions illustrating that the site was remediated to levels below the HDOH Tier 1 action levels in place at the time were not found in the HDOH records, and historical data indicates that free product has been observed in wells upgradient and downgradient to the site. In 2010, an evaluation of current environmental status was conducted at the site to provide an analysis of potential environmental impacts related to the site and nearby operations. There have been releases in both the front yard and the tank yard, including one documented significant release [2000 fuel oil #6 release], but the magnitude and extent of those releases have not been determined. The presence of free product and dissolved-phase contaminants in groundwater from wells in the front yard and in the off-site well [MW-3] just north of the terminal could be indicative of significant releases from the terminal and/or, possibly, from nearby petroleum storage facilities. A December 2010 groundwater monitoring event conducted at the site was conducted in response to the field observations of petroleum hydrocarbon sheen in four on-site monitoring wells. The substance released was identified as "unknown (possibly fuel oil)" and the quantity released was identified as "unknown (product unlikely from recent release)". Periodic groundwater monitoring events have been conducted at the site since 1997. In 2014, HDOH requested groundwater monitoring be conducted on a semi-annual basis to evaluate groundwater conditions during the wet and dry seasons. As a result, semi-annual groundwater monitoring events were conducted at the site since 2014. The most recent groundwater monitoring event conducted in November in 2019 indicated TPH-DRO (with and without silica gel cleanup), PAHs (1-methylnaphthalene, 2-methylnaphthalene, anthracene, benzo(a)anthracene, naphthalene, and phenanthrene), and dissolved lead were detected above applicable EALs in at least one groundwater sample collected.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>Adjacent Property – Hilo Harbor Interisland Cargo Dock (HHICD), TMS: (B) 2-1-007-001, 011, 019, 037, 051, 052, 053, and 999 and (B) 2-1-009-005, 007, 0031, 050, 052, 054, 055, 060, and 062 (hydraulically downgradient)</p> <p>In September 1986, an Environmental Assessment (EA) for Cargo Pipelines was conducted for Piers 1 and 3 by Chevron USA, Inc. (Chevron). The proposed project involved the replacement of one underground cargo pipeline from Pier 1 and Pier 3 to Chevron Terminal Facilities located at Kalanianaʻole and Siwa Streets with a new pipeline (within the new right-of-way (ROW)) from Pier 1 connecting to new line replacing an existing line from Pier 3 to the Chevron Terminal Facility.</p> <p>The existing State-owned pipeline consists of a portion of 10-inch diameter pipe and a portion of 8-inch diameter pipe used to convey black fuel oil from barges and/or tankers moored at either pier to a line connection in the Chevron Terminal Lot to fill the Chevron storage facilities. The State-owned pipeline is approximately 2,030 ft long, of which approximately 780 ft is hung from pipe supports below Piers 1 and 3. The remaining 800-ft portion of the pipeline is buried about 3 ft bgs. The pipeline system also includes about four related State-owned fueling hatches.</p> <p>The new oil company-owned fuel line system (that will replace the State-owned system) will consist of one system that will serve Pier 1, including the pier off-loading hatch, and a new 8-inch line connecting from the existing 10-inch Pier 1 line to the 8-inch pipeline from Pier 3 to the terminal. The 8-inch line portion of the system, approximately 380 ft, is a new routing and requires a new easement/ROW. The alignment of the new section of piping is as far or farther away than the existing connection to the existing system. The nearest point of connection is approximately 80 ft from the pier face line.</p> <p>The remaining portion of the project includes new piping within existing ROWs and consists of a new valve pit at the junction of the Pier 1 and Pier 3 lines. The new piping includes approximately 450 ft of line bgs, approximately 470 ft of piping above grade and a Kalanianaʻole Street undercrossing to a connection point in the Chevron Terminal Lot.</p> <p>On August 31, 1989, LeRoy Crandall and Associates on behalf of Shell Oil Company, installed four groundwater monitoring wells adjacent to their bulk fuel distribution terminal at 661 Kalanianaʻole Avenue within the Harbor Division ROW along the northwestern perimeter of the Shell property. One of the wells (MW-4) was modified at ground surface to allow for installation of a subsurface pump within the well. Shell Oil Company requested a Revokable Permit agreement for the well. Permit H-98-2063 was issued on September 1, 1998.</p> <p>In December 2001, CH2M Hill Honolulu (CH2M) on behalf of Chevron completed an underground pipeline removal and closure report for the 666 Kalanianaʻole Hilo facility. The pipelines were located at Pier 3. The remove and closure included document pipeline removal, the collection of 33 soil samples, and collection of soil stockpile samples for waste characterization for disposal. Four trenches were excavated along the south and west sides of Hilo Harbor Pier 3 to facilitate removal of the pipelines. Five abandoned steel pipelines were excavated, cut and drained, removed, and permanently closed. A total of 2,010 linear ft of pipeline were removed from the trenches. Petroleum contaminated soil (PCS) was encountered in Trenches 1, 2, and 3. PCS was not observed in Trench 4.</p> <p>PCS was encountered at three locations in the trench excavations. Approximately 22 tons of PCS were excavated and removed from three locations within the trench excavations and were temporarily stored at the site. Excavations were terminated when backhoe refusal occurred on dense basalt at the bottom of the excavations and when the lateral extent of visibly stained soil was removed.</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>The extent of PCS above HDOH regulatory levels in place at the time is considered limited based on the vertical and lateral extent of observed soil staining and results of laboratory analysis of soil samples.</p> <p>Potential impacts to groundwater from the residual PCS are considered negligible since the more volatile and mobile BTEX constituents were not detected above laboratory reporting limits for all soil samples.</p> <p>Based on the field and analytical data, residual PCS above HDOH regulatory levels in place at the time remaining in the vicinity of the removed pipelines is limited in extent and consists of TPH-ORO and benzo(a)pyrene, which are non-volatile and low-solubility compounds. Additionally, the compounds are located beneath concrete or asphalt pavement without an exposure pathway to potential receptors.</p> <p>In March 2007, Mitsunaga and Associates, Inc. (MA) completed a soil analysis from core samples collected from the proposed Pier 4 Harbor construction site. Contamination was present along the south-southeast border of the existing pier and container handling facility. Boring seaward of the contaminated borings did not show contamination. The monitoring wells did not contain petroleum hydrocarbons.</p> <p>On September 12, 2011, HDOH sent a letter to DLNR and has determined the commercial/industrial use of the HHICD property is acceptable under the following conditions:</p> <ul style="list-style-type: none"> • The asphalt pavement that covers the majority of the site remains and no intrusive work into the subsurface is performed without consultation with the HDOH HEER Office. • Soil gas sampling must be performed in the warehouse to ensure that no indoor air hazard exists to potential occupational workers. • Should contamination be found during construction or intrusive activities, a release notification shall be filed with the HDOH HEER Office and a full delineation and characterization of the contamination will be required. <p>On March 11, 2013, BVNA completed an Expanded Phase I ESA with Groundwater Sampling and Analysis report. The HHICD was owned by the HDOH-Harbars since at least 1950. The following RECs were identified:</p> <ul style="list-style-type: none"> • A railroad transected the HHICD property, which extended in a northeast to southwest direction to Hilo Town, and then curved to the south. In addition, a historical fumigation plant was located on a southeast adjacent property to the HHICD. • Existing subsurface fuel pipelines exist at the HHICD property. • A review of the previous environmental reports indicated that petroleum-impact is present in the soil and groundwater beneath the HHICD and adjacent properties. In addition, a review of the HDOH HEER Office database indicated numerous environmental incidents have occurred on the HHICD property. Groundwater samples collected from the HHICD property as part of this Expanded Phase I indicated that TPH-DRO, TPH-RO, arsenic, barium, and PAH analyses benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, indeno(1,2,3-cd)pyrene, 1-methylnaphthalene, pyrene, and anthracene are present in the groundwater beneath the HHICD site at concentrations that exceed their HDOH Tier 1 Environmental Action Levels (EALs). <p>On September 17, 2013, BVNA completed a Final Construction Environmental Hazard Management Plan (EHMP).</p> <p>February 13, 2014 – Contaminated Soil and Groundwater Management Plan, Kumu Street Entrance Improvements at Pier 4 Interisland Cargo Terminal, Hilo Harbor, Hawaii (Environmental Science International (ESI))</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	<p>The purpose of the Plan was to establish procedures and provide guidance for the proper management, handling, and disposal of contaminated media that may be encountered during construction work associated with the Kumu Street Entrance Improvements project. The project is located adjacent to the south side of E2 Parcel B. The Plan states the following:</p> <ul style="list-style-type: none"> • Arsenic has been detected at low concentrations in surface soil in the area of the shallow subsurface soil has the potential to be contaminated with petroleum hydrocarbons. <p>On December 15, 2015, BVNA completed an Excavation Monitoring Report. Excavation activities at the container yard generally included site-wide removal of the existing pavement and pavement base material, removal of subsurface soil and rock at 18 light stanchions, and removal of subsurface soil and rock at new electrical trenches between light stanchions. The excavations of the pavement and pavement base material extended from ground surface to an average depth of approximately 18 inches bgs.</p> <p>The excavations of the 18 light stanchions extended from below the pavement and pavement base material to an average depth of approximately 10 ft bgs. The excavations of the utility trenches between light stanchions extended from below the pavement and pavement base material to an average depth of approximately four ft bgs.</p> <p>Between April 2, 2014 and May 9, 2015, BVNA conducted periodic excavation monitoring and collected a total of 29 soil samples for laboratory analyses. Excavated soil and rock were stockpiled on-site, pending reuse or off-site disposal. Laboratory analytical results indicated TPH-DRO, TPH-RO, arsenic, lead, and mercury present at the site at concentrations above HDOH Tier 1 EALs and TPH-DRO and lead at concentrations above HDOH commercial/industrial EALs. Laboratory analyses of a deeper soil sample collected indicated the likely vertical extent of lead impacts to the soil to be limited to approximately six ft bgs.</p> <p>On August 19, 2016, BVNA completed a Groundwater Monitoring Well Installation and Sampling, Product Recovery Well Installation, and soil vapor sampling report. BVNA installed seven groundwater monitoring wells, three product recovery wells, and four temporary soil vapor points and collected a total of 19 discrete soil samples, seven groundwater samples, and four soil vapor samples for laboratory analysis. Based on field observations and laboratory results, soil is impacted with TPH-DRO, TPH-ORO, and PAHs at concentrations above HDOH Tier 1 EALs in the area of RW-209 and RW-206.</p> <p>Soil is also impacted with TPH-ORO at concentrations above HDOH Tier 1 EALs in the area of MW-208 up to approximately four ft bgs. Based on the field observations groundwater is impacted with petroleum at RW-206, RW-209, and RW-210. Additionally, based on field observations and laboratory results, groundwater is impacted with TPH-DRO and PAHs, at a concentration above HDOH Tier 1 EALs at MW-209. Groundwater is also impacted with dissolved lead and/or silver at concentrations above HDOH Tier 1 EALs.</p> <p>On January 13, 2017, HDOH-Harbars sent a letter to HDOH HEER Office requesting that HEER Office solicit the voluntary cooperation of potentially responsible parties (PRP) for the subsurface petroleum-impacted area at Hilo Harbor and its vicinity, and coordinate the long-term management of the site.</p>

Agency	Contact	Notes:
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	<p>Adjacent Property – Big Island Nissan, 471 Kalanianaʻole Avenue, TMK (3) 2-1-007-007</p> <ul style="list-style-type: none"> A 1991 EPA Hazardous Waste Report identifies the 471 Kalanianaʻole Street site as EPA ID: HID 113229025 as a non-generator (HW-6023A). UST ID: 9-601326. March 25, 1993, Notification for UST for Big Island Nissan issued for (1) 500-gallon used oil UST and (1) 1,000-gallon engine oil USTs installed in 1967 and removed from service on June 23, 1989. <p>Adjacent Property – KTA Davies Property, 500 Kalanianaʻole Avenue, TMK: (3) 2-1-008-026 (Hydraulically upgradient)</p> <p>On October 26, 1998, a SWMP No. UO-0043-98 was issued to Conen's Freight Transport, Inc. as a used oil transporter.</p> <p>On August 13, 2010, a NOV was issued to Conen's Freight Transport (HW-6045) due to the transportation of used oil without a permit as the SWMP expired on October 3, 2003, and has not been renewed. Respondent received an EPA No. HIR0000046029. On February 7, 2002, the HDOH conducted a compliance evaluation inspection at the Respondent's place of business which, at the time, was located at 500 C Kalanianaʻole Avenue. (now at 60 Kuhio Street, subject property). A warning letter and inspection report were sent to Respondent on July 5, 2002. The Respondent was returned to compliance on October 1, 2002. On or about August 18, 2009, the HDOH conducted a compliance evaluation inspection at The Hershey's Corporation dba Mauna Loa Macadamia Nut Corporation (MNC), a facility permitted by the HDOH to burn used oil.</p> <p>No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, or lead problems at the adjacent properties were found. Three records pertaining to notification of asbestos activities were located.</p> <p>The Hilo Water System provides the drinking water to the adjacent properties. No UIC wells were identified on the adjacent properties.</p>
HDOH IRHB	Mr. Thomas Lileikis, Program Manager	No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, or lead problems at the adjacent properties were found. Three records pertaining to notification of asbestos activities were located.
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the adjacent properties. No UIC wells were identified on the adjacent properties.
HDOH WWB	Ms. Lori Morikami, Planner	Only one cesspool was identified on an adjacent property at 600 Kalanianaʻole Street, TMK: (3) 2-1-008-023 located approximately 12 ft to the north of the warehouse installed on 01/25/1982.
DLNR CWRM	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the adjacent properties. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.2.1.5 E2 Parcel D: Sparks & Boschetti, 60 Kuhio Street, TMK (3) 2-1-009; Parcel 004

A brief summary of findings obtained from the government agencies file review for the subject property is outlined in Table 4-8.

Table 4-8: Government Agencies Information Requests: E2 Parcel D

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	<p>Referred to the HEHP and the Water Pollution Control Viewer.</p> <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Iu, Public Records Contact	<p>No records for the subject property.</p> <p>Adjacent Property to the West – Former Kuhio Substation, 45 Kuhio Street, TMK: (3) 2-1-007-045 (Hydraulically crossgradient)</p> <p>Phase I ESA included HDOH document review for Brewer Chemical Corporation (Brewer) and the Former Pesticide Disposal Project (E2 Parcel D) at 60 Kuhio Road:</p> <ul style="list-style-type: none"> A November 19, 1989, letter from Brewer to the HDOH SHWB notified the HDOH of his intent to remove and dispose of a 1,000-gallon unleaded gasoline UST and a 285-gallon supreme gasoline UST. According to a December 27, 1990, Notification for USTs, three USTs, all installed in 1936, were listed for the Brewer Environmental Industries, Inc. facility (E2 Parcel D): a 557-gallon diesel UST, a 1,000-gallon gasoline UST, and a 285-gallon used oil UST. The gasoline and used oil USTs were taken out of service in December 1989. The diesel UST was taken out of service in December 1990. A March 8, 1991, UST System Closure and Site Assessment Report, prepared by Brewer Environmental Services documented the removal of a 557-gallon diesel UST (installed in 1936) on December 20, 1990, on E2 Parcel D. According to the report, the site was a fertilizer formulation center for all of the Brewer Environmental Industries, Inc. plants. During excavation activities, the tank appeared without obvious holes or signs of pitting or corrosion and there were no visual signs of contaminated soil within the excavation. A composite soil sample was collected from the base of the UST excavation at approximately 6.5 ft bgs. A slight diesel odor was detected in the excavation pit. A composite sample was collected from the sidewall of the excavation in the vicinity of the tank's piping at approximately 0.5 to 0.75 ft bgs. TPH-DRO were not detected in either sample. Benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected in the sample collected from the base of the excavation at concentrations of 0.013, 0.022, 0.007, and 0.023 mg/kg, respectively. Benzene, toluene, and xylenes were detected in the sample collected from the vicinity of the piping at concentrations of 0.008, 0.016, and 0.011 mg/kg, respectively. All detectable levels were below HDOH cleanup goals at the time of the investigation. Site plans included in the closure report showed the diesel UST in the central area of the western boundary, on Kuhio Wharf Road (Kuhio Street). Two chemical warehouses were indicated along the southwestern boundary, on Kalanianaʻole Street. Based on the sampling results of the closure of the 557-gallon diesel UST there is a low potential for the soil beneath the subject property to have been impacted by this UST. However, there were no closure documents available for the closure of the 1,000-gallon gasoline UST and the 285-gallon used oil UST. Files for the Former Pesticide Disposal Project were not available at the HDOH SHWB. <p>On August 13, 2010, a NOV was issued to Conen's Freight Transport (HW-6045), 60 Kuhio Street due to the transportation of used oil without a permit as the SWMP expired on October 3, 2003, and has not been renewed. Respondent received an EPA No. HIR0000046029. On February 7, 2002, the HDOH conducted a compliance evaluation inspection at the Respondent's place of business which, at the time, was located at 500 C Kalanianaʻole Avenue. (now at 60 Kuhio Street, subject property). A warning letter and inspection report were sent to Respondent on July 5, 2002. The Respondent was returned to compliance on October 1, 2002. On or about August 18, 2009, the HDOH conducted a compliance evaluation inspection at MNC, a facility permitted by the HDOH to burn used oil.</p> <p>On March 24, 2010, a warning letter was sent to Conen's Freight Transport, Inc. (HW-6045). On August 19, 2009, HDOH conducted a hazardous waste and used oil compliance evaluation inspection at MNC, located at 1 Macadamia Nut Road. During the course of the investigation, HDOH gathered information regarding Conen's Freight Transport, Inc. Two used oil manifests obtained were for shipments of used oil from Conen's Freight Transport, Inc.</p>
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	<p>On August 13, 2010, a NOV was issued to Conen's Freight Transport (HW-6045), 60 Kuhio Street due to the transportation of used oil without a permit as the SWMP expired on October 3, 2003, and has not been renewed. Respondent received an EPA No. HIR0000046029. On February 7, 2002, the HDOH conducted a compliance evaluation inspection at the Respondent's place of business which, at the time, was located at 500 C Kalanianaʻole Avenue. (now at 60 Kuhio Street, subject property). A warning letter and inspection report were sent to Respondent on July 5, 2002. The Respondent was returned to compliance on October 1, 2002. On or about August 18, 2009, the HDOH conducted a compliance evaluation inspection at MNC, a facility permitted by the HDOH to burn used oil.</p> <p>On March 24, 2010, a warning letter was sent to Conen's Freight Transport, Inc. (HW-6045). On August 19, 2009, HDOH conducted a hazardous waste and used oil compliance evaluation inspection at MNC, located at 1 Macadamia Nut Road. During the course of the investigation, HDOH gathered information regarding Conen's Freight Transport, Inc. Two used oil manifests obtained were for shipments of used oil from Conen's Freight Transport, Inc.</p>

Agency	Contact	Notes:
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	On May 26, 2010 , the HDOH SHWB sent a letter to Conen's Freight Transport, Inc. informing them the EPA has assigned RCRA ID No. HIT 00 139 642 to the site. On October 6, 2010 , the HDOH issued a warning letter for non-compliance for transporting of used oil without a permit. On November 10, 2010 , the HDOH sent a letter to Conen's Freight Transport, Inc. to confirm that response on October 20, 2010, adequately addressed the violations and documented the facilities return to compliance. On July 2, 2013 , Conen's Freight Transport, Inc. sent a letter to HDOH regarding Permit No. UO-001-10 stating that the site generated used oil from its shop located at 60 Kuhio Street to MNC in Keauhou to be recycled. However, MNC no longer accepts used oil; therefore, they have hired Unitek Solvent Services, Inc. On April 17, 2014 , HDOH sent a letter to Conen's Freight Transport, Inc. regarding a hazardous waste and used oil compliance evaluation inspection. No violations were noted. Three asbestos records for 60 Kuhio Street were found.
HDOH IRHB	Mr. Thomas Lilekiki, Program Manager	
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the subject property. Two UIC wells UH-1253-1 (19°43'44.5"N 155°03'11.5"W) and UH-1253-2 (19°43'42.3"N 155°03'09.6"W) are located at the subject property. The wells are owned by Sparks & Boschetti, LLC and are used for stormwater runoff. A note on the Environmental Health Portal of the HDOH SDWB indicates that industrial wastewater (wash water) from cleaning of delivery truck containers was discharged to UIC well 1253-1. No dates or references were provided.
HDOH WWB	Ms. Lori Morikami, Planner	HDOH records indicated that a cesspool was installed in 1999 between the locker room and craft center to the north of the warehouse. It is not known if the cesspool has been closed. No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject property was found.
DLNR CWRM	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the subject property. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4203-016), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.2.1.1 E2 Parcel E: Sparks & Boschetti, No associated address, TMK (3) 2-1-009; Parcel 003

A brief summary of findings obtained from the government agencies file review for the subject property is outlined in Table 4-9.

Table 4-9: Government Agencies Information Requests: E2 Parcel E

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	Referred to the HEHP and the Water Pollution Control Viewer. <ul style="list-style-type: none"> No water pollution was identified in the vicinity of the subject property. No NPDES permits, inspections, or enforcement actions were identified on the subject property.
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	No records for the subject property.

Agency	Contact	Notes:
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	No records for the subject property.
HDOH IRHB	Mr. Thomas Lilekiki, Program Manager	No records for the subject property.
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the subject property. No UIC wells were identified on the subject property.
HDOH WWB	Ms. Lori Morikami, Planner	The subject property does not have an individual wastewater system (i.e., cesspool, septic tank, and/or aerobic unit). No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject property was found.
DLNR CWRM	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the subject property. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.2.1.2 Adjacent Properties to E2 Parcels D and E

A brief summary of findings obtained from the government agencies file review for the properties adjacent to E2 Parcels D and E is outlined in Table 4-10.

Table 4-10: Government Agencies Information Requests: Adjacent Properties to E2 Parcels D and E

Agency	Contact	Notes:
HDOH CWB	Ms. Marian Dean, Environmental Health Specialist	Referred to the HEHP and the Water Pollution Control Viewer. <ul style="list-style-type: none"> No water pollution identified No NPDES permits, inspections, or enforcement actions identified.
HDOH HEER Office	Ms. Rosa Lu, Public Records Contact	Adjacent Property – 794 Kalamianole Avenue, TMK: (3) 2-1-010-043 (hydraulically upgradient) On August 3, 1992 , Clayton Environmental Consultants (Clayton) completed a subsurface investigation for soil and groundwater contamination at the Pauley Pacific Asphalt Storage Facility. The purpose of this project was to assess the presence or absence of petroleum hydrocarbons in the groundwater in the immediate vicinity of the former UST pit. Analytical results for groundwater samples collected from the three monitoring wells reported no detectable levels of BTEX or PAHs. Analyses for TPH-ORO reported detectable concentrations in the groundwater samples from monitoring wells MW-1 and MW-3 but at levels below HDOH UST regulatory levels in place at the time. The analyses for TPH-DRO reported petroleum hydrocarbons heavier than diesel fuel and lighter than motor oil in the groundwater sample from monitoring wells MW-1 and MW-3. On February 18, 2003 , the HDOH sent notification to Big Island Asphalt Co., Inc (BIA) for failure to report a hazardous material spill that occurred on February 4, 2003. On March 12, 2003 , BIA responded stating that from February 3 through 5 th they were in the process of fog sealing then chip sealing their yard to stabilize the existing area. This process involves grading the existing travel way, applying a cationic asphalt emulsion to stabilize the dirt, spreading base course, reapplying the emulsion and then applying another two layers of asphalt cement.

Agency	Contact	Notes:
HDOH/HEER Office	Ms. Rosa Iu, Public Records Contact	<p>exposed to the elements with unknown contents perform stabilization of the drums to mitigate any threat of release. On March 26, 2005, EPA prepared a Pollution Report for oil observed being discharged to the storm drain fronting the property.</p> <p>On April 14, 2005, ESI completed a work plan for disposal of the 55-gallon drums and 5-gallon buckets.</p> <p>On April 15, 2005, ESI completed a work plan for additional removal, mitigation, and prevention of a substantial threat of oil discharge. The work plan addresses the presence of PCS observed at the former drum storage area during the release response assessment. It was infeasible to assess the PCS at the former drum storage area at the time of the release response assessment, because the area was saturated with water from recent heavy rains. Thus, it was necessary that additional excavation be performed in that area. The purpose of the additional release response assessment proposed herein is to (1) excavate the PCS at the former drum storage area in order to determine the lateral and vertical extent of contamination, (2) collect soil samples from the PCS stockpile generated during the release response assessment and analyze the samples for the chemical constituents of concern in order to determine the options for disposal, and (3) properly dispose of the PCS stockpile. On April 29, 2005, the work plan was updated to present additional work (groundwater beneath a pit partially lined with asphalt cement) requested by the EPA.</p> <p>On April 15, 2005, ESI completed a work plan for the hazard categorization of storage drums and buckets. On April 18, 2005, an addendum was issued.</p> <p>On May 16, 2005, ESI completed a Corrective Action Response to EPA NOV Update.</p> <p>On June 28, 2005, EPA sent a letter informing Hawaiian Asphalt Company, Inc. (formerly BIA) is in violation of the Order of Removal, Mitigation, or Prevention of a Substantial Threat of Oil Discharge (Docket OPA-9-CWA311c-2005-001).</p> <p>On November 8, 2005, ESI completed a Release Response Assessment for Docket OPA-9-CWA311c-2005-001. The report concluded the following:</p> <ul style="list-style-type: none"> The lateral and vertical extent of soil contamination on the west side of the heating plant has been delineated out to HDOH action levels. Although there is evidence of groundwater contamination, it appears to be limited to specks of asphalt cement floating on the water table. There have been releases of petroleum products in several areas inside the tank yard, but they appear to be limited to the upper 1.0 to 1.5 ft of soil or, in most instances, to surface staining. The possibility that there have been releases of turbine oil from the piping between the former MC-30 plant and Tanks 31 and 32 cannot be discounted on the basis of laboratory analytical results. Although TPH-DR0 was detected in soil from the northeast tank yard pit, it was at a concentration below the HDOH action level. <p>The PAHs detected in groundwater from the temporary monitoring near the northeast corner of the tank yard were at extremely low (sub-microgram per liter) concentrations and likely were derived from the specks of asphalt cement floating on the water table.</p> <ul style="list-style-type: none"> There have been releases of petroleum products at several locations in the vicinity of the general storage area, but these releases have been limited to the upper 1.0 to 1.5 ft of soil or to surface staining. <p>On December 22, 2005, ESI sent a Status Update for the facility to the EPA.</p>

Agency	Contact	Notes:
HDOH/HEER Office	Ms. Rosa Iu, Public Records Contact	<p>On December 29, 2004, the EPA issued a Notice of Violation (NOV) (Case No. 05-0419) for an inspection conducted on November 8, 2004, due to non-compliance with Spill Prevention, Control, and Countermeasure (SPCC) regulations.</p> <p>On February 14, 2005, the EPA (Docket No. OPA-9-CWA311c-2005-004), order for removal, mitigation, or prevention of a substantial threat of oil discharge to navigable waters and amendment to order.</p> <p>On February 25, 2005, ESI provided a current summary of corrective response actions being taken pursuant to EPA, NOV, SPCC Case NO. 05-4019. The report noted the following:</p> <ul style="list-style-type: none"> A new SPCC Plan is being prepared (completed February 28, 2005), and staff will be trained. All tanks not in use have been emptied, labeled, valves locked, and piping disconnected, capped, or otherwise taken out of service. The floor of the tank yard is sufficiently impervious for containing asphalt cement, asphalt emulsion, and PeaPa'a. At the heating plant, secondary containment consisting of a concrete wall is being constructed around the perimeter of the concrete slab. <p>Tanks at the site:</p> <ul style="list-style-type: none"> Main Asphalt Cement Tank Area: <ul style="list-style-type: none"> Tank 31 – 420,000 gallons, out of service Tank 32 – 315,000 gallons, not in use Tank 33 – 315,000 gallons, out of service Asphalt Emulsion Tank Area: <ul style="list-style-type: none"> Tank 34 – 10,000 gallons, out of service Tank 35 – 25,000 gallons, out of service Tank 36 – 25,000 gallons, asphalt emulsion Tank 37 – 42,000 gallons, asphalt emulsion Tank 38 – 25,000 gallons, asphalt emulsion Tank 39 – 42,000 gallons, asphalt emulsion Asphalt Emulsion Manufacturing: <ul style="list-style-type: none"> Tank 40 – 900 gallons, PeaPa'a (a mixture of asphalt emulsion and sand that is used as a modified seal coat) Heating Plant Area <ul style="list-style-type: none"> Tank 41 – 400 gallons, turbine oil Tank 42 – 300 gallons, diesel fuel (tank removed) Storage Area <ul style="list-style-type: none"> Tank 43 – 300 gallons, diesel fuel <p>On March 1, 2005, ESI submitted a WP for the BIA facility (Docket No. OPA-9-CWA311c-2005-004).</p> <p>On March 3, 2005, EPA sent a letter to BIA that it is investigating the source, extent and nature of oil contamination at the BIA facility (Docket No. OPA-9-CWA311c-2005-004).</p> <p>On March 7, 2005, ESI submitted an Amendment to work plan for Docket No. OPA-9-CWA311c-2005-004. The work plan includes an investigation of potential diesel fuel or jet fuel contamination in the area of the fuel lines for Tanks 34 and 35. On March 25, 2005, the EPA issued a Notice of Non-Compliance with Response Order.</p> <p>On March 1, 2005, they excavated grossly contaminated soils near the heating plant to a depth of approximately 5 ft bgs to the underlying basalt/fill interface. Oil was observed draining from the stockpiles to the storm drain outside the facility. EPA requested immediate measures to mitigate the oily runoff. In addition, the EPA requested drums</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Iu, Public Records Contact	<p>On December 30, 2005, the U.S. Coast Guard notified Makawao Sugar Plantation, LP (the property owner of the former Hawaiian Asphalt Facility) of preliminary evidence concerning a pollution incident that occurred on or about February 3, 2005. On January 24, 2006, ESI responded stating that the storm drain was a dry well designed to remove storm water runoff along the street and allow it to infiltrate into the ground. NO interconnected storm drain systems are located in the immediate area.</p> <p>On March 3, 2006, the EPA completed a Pollution Report summarizing the actions taken from April 15, 2005 through January 1, 2006. To date 16.5 tons of PCS was disposed of, approximately 1,000 gallons of used oil, waste asphalt emulsion and residual asphalt cement were recycled, and (1) 55-gallon drum of methylene chloride, 1,1,1-trichloroethane hazardous waste liquid was disposed of.</p> <p>On March 9, 2006, Tinker Engineering LLC conducted a survey of the 8-inch asphalt piping under Pier 3 at Hilo Harbor. The pipe support system is in a heavily deteriorated condition. The pipe insulation is held in place by metal banding. This banding is broken and the insulation hanging. The 8-inch pipe is exposed to weather throughout the pipe run under the pier and is heavily corroded.</p> <p>On July 5, 2006, ESI prepared a response to the Notice of Interest in a Release of Threatened Release of Hazardous Substances from an underground pipeline that runs from the former Hawaiian Asphalt Facility to the Commercial Fuel Pier at Hilo Bay.</p> <p>On April 6, 2007, ESI completed an Aboveground Heating Oil System Evacuation report. The purpose of the evacuation of the aboveground heating oil system is to prevent future releases of heating oil from the aboveground heating oil system. The purpose of the content's evaluation of the underground heating oil lines was to determine if the underground heating oil line had been evacuated. Hawaiian Asphalt Company, Inc. departed the site on October 22, 2005. The heating oil in the aboveground heating oil system has been evacuated to the extent practical. A total of 560-gallons of heating oil have been evacuated from the aboveground heating oil system. The evacuated heating oil is stored at the heating plant in a 350-gallon AST and 55-gallon steel drums. The heating oil will be reused once the Facility is in operation. It appears that the underground heating oil lines that extend from the facility to Pier 3 have not been evacuated. ESI recommends that the responsible parties for the underground lines be determined, and the underground heating oil lines be evacuated.</p> <p>On April 6, 2007, ESI prepared a response to EPA Unilateral Administrative Order, Potential Violations of Section 311 of the Clean Water Act.</p> <p>On April 6, 2007, ESI prepared an additional release response assessment report in response to the release of heating oil inside the tank yard. The work included capping the leaking heating oil lines, initial cleanup of the heating oil, excavating PCS, collecting soil samples, and disposing of the PCS. ESI concluded that the cut heating oil lines were the source of the release. The lines have been capped and the extent of pooled heating oil inside the tank yard has been cleaned up. Based on analytical results for verification soil samples collected from the excavations, the vertical extent of soil contamination has been delineated out to HDOH action levels.</p> <p>On June 18, 2007, U.S. Coast Guard sent a letter to Makawao Sugar Plantation, LP that states that they are liable for the costs associated EPA pollution removal actions due to discharged oil from within the property grounds to Kihio Bay.</p> <p>On August 23, 2007, ESI responded to the U.S. Coast Guard notice stating that there has not been a discharge of oil from within the property grounds to Kihio Bay. The letter also noted that underground heating oil lines that run from the facility to Pier 3 have not been evacuated and do pose a threat to Kihio Bay.</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Iu, Public Records Contact	<p>On January 24, 2008, the HDOH issued a Notice of Improper Response Action in a Release or Threatened Release of Hazardous Substances (Case No. 20080204-1333). Concerns included: 1.) install hard boom to contain all releases from abandoned pipelines; 2.) remove all products from pipeline; 3.) remove abandoned pipelines under the piers; and 4.) inert or remove pipelines from piers to former BIA facility.</p> <p>On December 20, 2013, ESI completed a Phase I ESA report for the 794 Kalaianaoale Street property. The findings were as follows:</p> <ul style="list-style-type: none"> • Significant releases of petroleum-based products (asphalt cement and asphalt emulsion) inside the tank yard that have impacted surface soil, subsurface soil, and groundwater. • Smaller releases of heating oil and possibly diesel fuel inside the tank yard. • Releases from 187 Silva Street which have migrated over and impacted subsurface soil and groundwater at the site. • The storage, management, and conditions of containers and materials stored at the site. • Minor petroleum staining on surface soil near the west side of the general storage area. • Possible releases from the former "Oil Tank" located along the east property boundary. • Possible releases from the former fertilizer and pesticide mixing plant located north and across Kalaianaoale Street. <p>Possible releases from former electrical transformers at the Keaukaha electrical substations that could have potentially contained PCB-containing oil.</p> <p>On January 2014, HDOH completed a VPP Agreement for 794 Kalaianaoale Avenue. The purpose of this Agreement is to set forth the terms and conditions of the investigation and response to address Contaminants and Specific Media at the property, which upon completion will entitle Prospective Purchasers to Exemption from Liability to the Department.</p> <ul style="list-style-type: none"> • The current owner is Hoku Kail Biofuels, LLC. • The property consists of nine large ASTs (formerly used to store asphalt cement, asphalt emulsion, diesel fuel, and Jet fuel), a loading rack, a loading area, a heating plant, and asphalt emulsion manufacturing plant. The site is currently being leased to ARC Water Hauling to store and park trailer chassis and empty Matson containers. • In 1962, Shell Oil Company purchased the property from the State of Hawaii and began construction of an asphalt plant. In 1963, the plant commenced operation. In addition, Shell Oil installed an underground pipeline that extends from the northwest corner of the Property to Pier 3 at Hilo Harbor. In December 1996, Makawao Sugar Plantation LP purchased the property. Makawao Sugar Plantation LP did not buy the rights to the underground pipeline. Around this time, BIA began leasing and operating the plant. In January 2005, BIA changed its name to Hawaiian Asphalt. In October 2005, Hawaiian Asphalt shut down and asphalt storage and blending operations were terminated. • Sometime in the 1980's, there were two significant releases of asphalt cement and asphalt emulsion at the property. One release occurred when one of the large asphalt cement ASTs was overfilled. The amount released is believed to have been substantial but the exact volume is unknown. The asphalt cement pooled near the northeast corner of the tank yard. In response to the release, a large pit was excavated in the northeast corner of the tank yard in order to recover the asphalt cement for reuse. The release did not breach the secondary containment wall that surrounds the tank

Agency	Contact	Notes:
HDOH/HEER Office	Ms. Rosa Iu Public Records Contact	<p>yard. A second release occurred when one of the asphalt emulsion tanks was overfilled. The amount released is believed to have been substantial, but the exact volume is unknown. The asphalt emulsion pooled around the asphalt emulsion ASTs and in the northeast corner of the tank yard.</p> <ul style="list-style-type: none"> In June 1989, a 3,000-gallon diesel fuel UST was removed and permanently closed. The UST was located next to the former heating plant. According to a subsequent subsurface assessment report, no signs of subsurface soil contamination were observed during the UST closure. During the closure, a soil sample was collected from beneath the tank. According to a HDOH communication log sheet, none of the chemical constituents analyzed for were detected. In March 1992, a Phase I ESA was conducted. As part of the assessment, it was recommended that a subsurface soil and groundwater investigation be conducted in the area of the former UST. In June 1992, three borings were drilled in the area of the former tank, groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed in the borings, and groundwater samples were collected from each well. No soil samples were collected. TPH-DRO and TPH-ORO were detected in two of the samples. BTEX and PAHs were not detected. It was suggested that the petroleum hydrocarbons detected were consistent with bunker fuel and could be related to an off-site source. In 2004, the EPA inspected the property and issued a NOV. Between 2004 and 2007, regulatory agencies including the EPA and U.S. Coast Guard issued several non-compliance letters and a unilateral order. During this same time, several response actions were performed by both Makawao Sugar Plantation LP and Hawaiian Asphalt (formerly BIA). The response actions investigated potential releases of products stored and used at the property. These products included diesel fuel, asphalt cement, asphalt emulsion, MC-30, heating oil, lubricating oil, turbine oil, and gear oil. The investigations indicated that there have been significant releases of petroleum-based products (asphalt cement and asphalt emulsion). In addition, there have been smaller releases of heating oil and possibly diesel fuel. <p>On April 11, 2014, Insight Environmental, LLC (Insight) sent a letter to request comments from HDOH on a proposed easement and ROW for a fuel pipeline from Hilo Harbor to the property for Hoku Kai Biofuels, LLC. On May 8, 2014, HDOH responded that they have the following concerns:</p> <ul style="list-style-type: none"> The former "pipeline" consisted of a larger pipeline for asphalt and two smaller oil-filled pipelines surrounding that one that were used to heat the asphalt and help it flow through the line. Although the two smaller "turbine oil lines" were cleared of oil in the past on port property, they still need to be double-checked between the port entrance and the former asphalt site property to ensure no residual is remaining. In addition, we have general concerns regarding the need to further evaluate (and address, as appropriate) whether the concrete vault or lining in which the pipeline is installed could serve as a preferred pathway for contaminants reaching the harbor in the event of a significant spill or leak into or along the pipeline route. These are examples of two issues linked to the pipeline corridor that have been identified in past yet remain to be addressed fully. There may be other concerns that could arise from any excavation/installation work (if necessary) on the pipeline terminus at the proposed plant site, or along the pipeline corridor to the harbor. The Hilo Harbor cargo yard area (which includes the area above the pipeline route) is also undergoing a major upgrade over this next year, so it will be important to ensure any pipeline-related work necessary on port property is coordinated with the port's contractors closely, for safety and scheduling concerns.

Agency	Contact	Notes:
HDOH/HEER Office	Ms. Rosa Iu Public Records Contact	<p>On October 22, 2014, HDOH sent a letter to Hoku Kai Biofuels noting that proposed VRP Application was not approved prior to the purchase of the property. However, they are moving forward with the application. The application was denied on August 14, 2019.</p> <p>On November 3, 2014, DLNR anticipated finding of no significant impact for the Final Environmental Assessment and Finding of No Significant Impact for Hoku Kai Biofuels LLC/Summit Biofuel LLC.</p> <p>In June 2018, a Phase I ESA was completed for the 794 Kalaniana'ole Street property. This assessment has not revealed evidence of historic RECs and has revealed the following current RECs in connection with the site:</p> <ul style="list-style-type: none"> According to the HDOH records, there is a medium hazard present for the site and response is ongoing. This represents a current REC for the site since the groundwater and soil have been impacted by petroleum products that has not been cleaned up to the satisfaction of HDOH (NFA letter). During the site reconnaissance, petroleum staining was observed at the site. Some of the ASTs at the site were leaking petroleum products that appeared to be asphalt mix or heavy oil range petroleum onto the bare ground surface. <p>Adjacent Property – 888 Kalaniana'ole Avenue, TMK: (3) 2-1-010-033 (Hydraulically upgradient)</p> <p>In October 2002, a Phase I ESA was prepared for the 888 Kalaniana'ole Avenue property. The report concluded the following:</p> <ul style="list-style-type: none"> The State of Hawaii's Release Database as having an oil spill on May 20, 1992; oil was observed in and under an abandoned factory. Based on a review of the online database, Myounghee Noh & Associates, LLC (MNA) suspects that the spill was occurred at the Papaikou Mill of Brewer Hilo Coast Processing. At the time of VSI on October 1, 2002, the property was in use as a warehouse and truck yard by Hilo Transportation and Terminal Company (HT&T). No evidence of the presence of USTs, such as fill pipes or vent pipes; however, a 8,800-gallon diesel vaulted AST was present at the east end. No evidence of fuel leaks was observed. At the time of VSI on October 1, 2002, the adjoining (to the south) HT&T property was being used as a truck yard. There were visible oil stains throughout the property, numerous spent truck batteries stored, and a large amount of waste oil was being stored in many 55-gallon drums and ASTs. Additionally, to the west, the property, owned by Makawao Sugar Plantation, which is used as an asphalt plant may have a potential threat of contamination. There is a potential for migration of contaminants from both of these properties. <p>On November 27, 2002, MNA reported a release to the HDOH HEER Office. During conducting an exploratory drilling and assessment of subsurface conditions, heavy oil was found in one of the six boreholes drilled located in the northwest corner of the 888 Kalaniana'ole Avenue property.</p> <p>On December 2002, MNA completed a Phase II ESA for the 888 Kalaniana'ole Avenue site. During the Phase II a total of five soil samples, five groundwater samples, and one product sample were collected and submitted for laboratory analysis. No significant levels of TPHs or metals were found in the soil samples; however, one soil sample collected down gradient from the AST contained an elevated level of benzol(a)pyrene at 7.3 mg/kg above the HDOH regulatory level of 1 mg/kg in place at the time. No reportable quantities of TPH or metals were found in the samples; however, the groundwater sample collected down gradient from the AST and the groundwater sample collected at the western boundary of the site contained benzol(a)pyrene levels at 0.7 micrograms per liter (µg/L) and 0.8 µg/L, respectively that exceed the HDOH regulatory level of 0.2 µg/L in place at</p>

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Iu, Public Records Contact	<p>the time. MNA observed the black and viscous product at 12 ft. 3 inches bgs to approximately 17 ft bgs. This product was sampled and analyzed for TPH, RCRA (8) metals, and PAH analyses. The laboratory results indicated 290,000 mg/kg TPH-ORO, 310 mg/kg benzo(a)pyrene, and 140 mg/kg acenaphthene, identifying the product as heavy oil. No significant levels of the metals were reported, however, MNA concluded that the product likely migrated onto the property.</p> <p>On November 8, 2005, the assignment of lease was transferred from Tri-K Investments, LLC to Kalaniana'ole Real Estate Investments, LLC.</p> <p>On September 12, 2011, HDOH sent a letter to DLNR Land Division stating that they have reviewed the 2002 Phase I and II ESAs. HDOH concluded that commercial/industrial use of the 888 Kalaniana'ole Avenue property is acceptable under the following conditions:</p> <ul style="list-style-type: none"> The asphalt pavement that covers the majority of the site remains and no intrusive work into the subsurface is performed without consultation with the HEER Office. Soil gas sampling must be performed in the warehouse to ensure that no indoor air hazard exists to potential occupational workers. Should contamination be found during construction or intrusive activities, a release notification shall be filed with the HEER Office and a full delineation and characterization of the contamination will be required. <p>On January 27, 2013, MNA completed a Soil Gas Sampling & Analysis Report. MNA collected soil gas samples from three centrally located points within the McCully Works warehouse building in response to the letter issued by the HDOH HEER Office, dated September 12, 2011 (File No. 11-522-SPM). It was concluded that potentially hazardous soil gas compounds (VOCs and TPH-GRO) to cause indoor air quality concerns for occupational workers do exist on the subject property and are likely to be encountered if the integrity of concrete slab is compromised.</p> <p>On May 27, 2014, HDOH updated the conditions for the site:</p> <ul style="list-style-type: none"> Commercial/industrial land use only. The asphalt pavement that covers the majority of the site should remain and no intrusive work into the subsurface is to be performed without consultation with the HDOH HEER Office. Should contamination be found during construction or intrusive activities, a release notification shall be filed with the HDOH HEER Office and a full delineation and characterization of the contamination will be required. <p>HDOH also noted that although the initial suspicion was that the source of the Free product in the northwest corner of the property was the adjacent former Big Island Asphalt plant, another potential historic source of residual oil contamination right in that same area has more recently been identified - a large petroleum storage tank labeled "R.R. Oil Tank" (presumably "Railroad Oil Tank") that shows up on a 1957 Sanborn map but is no longer present. Since the HDOH HEER Office is overseeing continuing environmental cleanup work for the former Big Island Asphalt site (now owned by Hoku Kai Biofuels), we expect they will be helping to gather additional sampling data in this area (the northeast corner of their property) to evaluate whether they could reasonably have been a source for this free product and are responsible or share in the responsibility for any further evaluation and/or remediation. Should evidence suggest that the former Big Island Asphalt site is not responsible, and another (historic) responsible party cannot be identified, DLNR may be held responsible for further evaluation and/or remediation of this free product. We will keep you updated on further evaluation of this issue in the future.</p> <p>On July 24, 2017, HDOH issued a NEA with ICs determination letter for 888 Kalaniana'ole Avenue to ensure potential remaining subsurface petroleum contamination does not present significant health hazards to those utilizing the site include:</p> <ul style="list-style-type: none"> Commercial/industrial land use only.

Agency	Contact	Notes:
HDOH HEER Office	Ms. Rosa Iu, Public Records Contact	<ul style="list-style-type: none"> The asphalt pavement that covers the majority of the site should remain and no intrusive work into the subsurface is to be performed without consultation with the HDOH HEER Office. Should soil or groundwater contamination be found during future construction or intrusive activities, full delineation and characterization of the contamination will be required. The DLNR Land Division will notify current or future property leases of the need to comply with the ICs and will disclose the required ICs if the property is proposed to be transferred or sold.
HDOH SHWB	Ms. Amy Susana Liana, Office Assistant	<p>Adjacent Property – Big Island Asphalt Company, Inc., 794 Kalaniana'ole Avenue, TMK: (3) 2-1-010-043 (hydraulically upgradient)</p> <p>FD: 9-600714</p> <ul style="list-style-type: none"> An April 10, 1986, map shows a 3,000-gallon diesel UST next to heater area. A February 26, 1990, communication log sheet for HDOH SHWB indicates the UST was removed in June 1989.
HDOH IRHB	Mr. Thomas Uleakis, Program Manager	No records or communications pertaining to noise, radiation, indoor air quality, mechanical ventilation, or lead problems at the adjacent properties were found. Three records pertaining to notification of asbestos activities were located.
HDOH SDWB	Mr. Zhaohui Wang, Environmental Engineer	The Hilo Water System provides the drinking water to the adjacent properties. No UIC wells were identified on the adjacent properties.
HDOH WWWB	Ms. Lori Morikami, Planner	The properties do not have individual wastewater systems (i.e., cesspool, septic tank, and/or aerobic unit). No past or pending environmental permits, licenses, citations, releases and/or other information pertaining to the subject property was found.
DLNR CWRM	Mr. Jonas Burgon, Engineer Technician	There are no registered DLNR wells on the adjacent properties. Six wells are located within 1-mile of the harbor, two located to the west of the harbor used for agriculture (aquatic plants and animals) (8-4403-001 and 8-4403-003), two to the east of the harbor that are unused (8-4304-002 and 8-4304-003), and two located on the south side of the airport that are unused (8-4203-016 and 8-4203-017).

4.3 Vapor Encroachment Screening

The EDR Radius Map provided an initial search of all standard government record databases and EDR historical records within the ASTM E152-7-13 recommended radii. E2 reviewed those sites related to former dry cleaners, gas stations, and manufactured gas plants which met the criteria for vapor encroachment screening (VES) as provided by the ASTM E2600-10 *Standard Guide for Vapor Encroachment Screening of Property Involved in Real Estate Transactions* (ASTM 2010):

E2 reviewed the regulatory database search of those sites for recorded releases of COPCs within the 1/3 mile and 1/10-mile approximate minimum distances defined in ASTM E2600-10 for vapor encroachment from COPC contaminated sites. This measurement is based upon the distance from the known or suspect contaminated property to the property boundary. E2's review of EDR's database search for potential vapor encroachment conditions (VECs) takes into account the following factors:

- The land use of the property;
- Type of COPC(s);

- Location of known or suspect contaminated property is within the area of concern;
- Characteristics of the soil;
- Depth to groundwater;
- Vapor conduits that may result in significant preferential pathways; and
- Cleanup status of contaminated property.

Potential VECs evaluated included all RECs, including HRECs and CRECs, with identified releases of petroleum products or other potentially volatile contaminants of concern.

As is provided by ASTM E2600-10, E2 also considered the predicted hydrogeological gradient around the property when determining the potential for VECs to impact the site.

E2 identifies all the subject and adjacent properties and surrounding properties located upgradient from the subject property within the search radii as potential VECs, due to underground petroleum and gas pipelines, releases that have not been addressed to the satisfaction of the applicable regulatory authority, and the large fuel and petroleum product storage within the highly industrial harbor area. See the VES included in Appendix C.

4.4 Historical Use Information

4.4.1 Standard Historical Sources

4.4.1.1 E2 Parcel A: AirGas Gaspro, Inc., 525 Kalanianaʻole Avenue, TWK (3) 2-1-007: Parcel 005

Historical use information for the subject and adjacent properties was obtained by reviewing the historical sources listed in Table 4-11. A discussion of RECs and/or environmental concerns identified as a result of the review of standard historical sources is included in Section 7 of this report.

Table 4-11: Historical Sources Reviewed: E2 Parcel A

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Environmental Lien and AUL Searches	1960, 1987, 1994, 2004, and 2005	(EDR 2022b)	<ul style="list-style-type: none"> • Warranty deed from The BOC Group, Inc. formerly known as Hawaiian Gas Products, Limited to AirGas Gaspro Inc. on 07/30/2004. Parcel of land (being portion(s) of the land(s) described in and covered by Land Patent Grant Number 7100 to Hilo Rice Mill Company, Limited) situated at Waiakea in the District of South Hilo, Island and County of Hawaii, State of Hawaii, being Lot 6, as shown on Registered Map No. 2539, First Land District. Located along the Hawaii Consolidated Railway, Ltd. (HRCC) ROW. • Assignment and Assumption of Lease: First Party: The BOC Group, Inc. to Second Party: AirGas Gaspro, Inc. on 05/24/2005. Original lease dated 08/24/1960 by and between the Trustees under the Will and of the Estate of James Campbell, Deceased, as lessors and Gaspro, Ltd., as lessee (Lease No. L00091500) under Land Court Document No. 262865 dated 01/09/1987 and 1436098 dated 11/14/1994.
	No Coverage	(EDR 2022c)	No coverage for the subject property.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Property Tax Map Reports	1980 and 2004	(HDOH HEER Office 2019)	Early 1900s: Hawaiian Gas Products (owner) Early 1900s-1980: Gaspro (owner) 1980-2004: Airco Inc. subsidiary of The BOC Group Inc. 2004 to present: AirGas Inc. / AirGas Gaspro (owner)
Aerial Photographs	1932 1954, 1975, 1977, 1988, 2000, 2010, 2012, 2013, 2014, 2015, 2016, and 2019	(County of Hawaii 2022) (EDR 2022d)	Parcel labeled as GR7100, no owner information shown, for 1,022-acre parcel of land (Lot 6A). 1954: Site is commercially developed, two adjacent warehouses shown in center of property. 1975: Aerial photograph is poor quality; site configuration appears to be similar to the 1954 photo. 1977-1988: Site redeveloped with several separate buildings. 2000-2019: Two medium size ASTs are visible on the northwest side of the site adjacent to a building. 1921: Railroad tracks shown adjacent to the north.
Fire Insurance Maps	1921 1957, 1974, 1978, 1987, and 1991	(E2 2022) (EDR 2022e)	1957: Site shown as 525 Kalanianaʻole Avenue and has two side-by-side warehouses labeled "General Merchandise Warehouse" and one is also labeled "Oxygen Manufacturing", two small buildings one labeled as an attachment and one as an office, and an AST. 1974: A 50-pound (lb) carbon dioxide chem cart added to "Oxygen Manufacturing" area, 525A shown on the north side of the site with a small warehouse labeled "Weed Killer Manufacturing" and has two associated liquid tanks and a separate building. The site now labeled with "Gas Pro. Inc. Chem FXTGNS." 1978: One of the side-by-side warehouses removed (the one closest to Kumau), large warehouse added on the south portion of the site. 1987-1991: The Weed Killer Manufacturing warehouse removed but the liquid tanks and the separate building remain on the north side of the site.
USGS Topo Maps (Hilo and Papaikou Quadrangles)	1914, 1915/1917, 1932, 1963/1966, 1977, 1980, 1981, 1995, 2013, and 2017	(EDR 2022f)	1914-1932: Railroad tracks shown adjacent to the north. 1963-1981: Site appears to be in commercial/industrial use. 1995: Harbor area identified as Naval Reserve Electronic Facility. 2013-2017: No significant features shown.
Street Directories	1992, 1995, 2000, 2005, 2010, 2014, and 2017 (Kalanianaʻole Avenue and Kuhio Street)	(EDR 2022g)	The full list of street directories is included in Appendix B. Street directories for the parcel include: -1995, 2005, 2010, 2014 AirGas Gaspro / Gaspro Inc. -2014 Hawaii Gas-The Clean Energy Company -2005 BOC Group Inc A Delaware Corporation -1995, 2000 Gaspro Home Health Care
Building Permit Records	1961 through 2022	(EDR 2022h)	No permit found for the subject property. The full list of building permit records is included in Appendix B.
		(County of Hawaii 2022)	Structures listed on the subject property include the following: (1) 4,000 square ft (ft ²) storage warehouse constructed in 1943 (1) 8,800 ft ² industrial shell warehouse constructed in 1975 (1) 1,450 ft ² industrial shell warehouse constructed in 1970 (1) 64 ft ² canopy

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Historical Maps	1841	(Wilkes, Charles, 1841)	Site not developed; one road crosses to the southwest leading to the point located to the west of the harbor.
	1876	(Alexander, W. D., 1876)	Subject and Adjacent property shown as being located within Coral Plain.
	1886	(Wall, Walter A.; Alexander, W. D.; 1886)	Numerous valleys and gulches around the Hilo area. The area of the subject property and the Keaukaha area were depicted as undeveloped land with low relief.
	1901	(Donn, John M.; Alexander, W. D.; Wall, Walter E.; 1901)	The land area, identified as Public Land, Hilo Railway, runs perpendicular to the shoreline of the future Hilo Harbor adjacent to E2 Parcels A, B, and C. Most of the harbor yet to be reclaimed.
	1906	(Wall, Walter E.; 1906)	Railroad tracks to the west leading to the Coconut Island shown perpendicular to the shoreline adjacent to E2 Parcels A, B, and C and crosses through the Waialoa Mill just southwest of the future harbor and Hilo International Airport.
	1916	(Territory of Hawaii 1917)	Map shows the Hawaii Consolidated Railroad, Ltd. (HCRR) adjacent to the north of the subject property that turns near three molessees tanks to align with the Kuhio Wharf (Pier 1).
	1918	(U.S. Army Engineer District 1981)	Map shows the HCRR adjacent to the north of the subject property that turns to service Pier 2 and Pier 1.
	1921	(U.S. Army Engineer District 1981)	HCRR ROW located on the current Ocean View Drive track adjacent to E2 Parcels A, B, and C and leading to Pier 1. Parcel A – Land Grant 7100 to Hilo Rice Mill & Co. Unnamed road adjacent to the north boundary.
	1924	(Wall, Walter E. 1924)	No significant changes from the 1906 map.
	1928	(Iao, Joseph; Wall, Walter E.; 1928)	Railway tracks located on the north side of E2 Parcels A, B, and C. Parcels D and E shown as part of U.S. Naval Radio Station.
	1930	(David Rumsey Map Collection 1930)	Parcels A, B, and C were not within the 1946 Tsunami Inundation area.
	1946	(County of Hawaii 1946)	Register Map No. 2538. Parcel identified as Waialoa Warehouse Lots, Lot 6, 1.028 acres, Grant 7100, Hilo Rice Mill Co. Property to north is Hilo Railroad Company (grand deed May 22, 1912, L370 P. 53, C.S.F 2375) easement and Banyan Drive.
	1959	(DAGS 2022)	The USGS Map shows a single structure shown on the subject.
	1963	(U.S. Army Engineer District 1981)	Subject property not within lands designated as sugarcane.
State of Hawaii GIS	1900, 1920, and 1937	(State of Hawaii Office of Planning 2015)	

4.4.1.2 E2 Parcel B: 595K LLC, 555 Kalanianaʻole Avenue, TMK (3) 2-1-007: Parcel 004
Historical use information for the subject and adjacent properties was obtained by reviewing the historical sources listed in Table 4-12. A discussion of RECs and/or environmental concerns identified as a result of the review of standard historical sources is included in Section 7 of this report.

Table 4-12: Historical Sources Reviewed: E2 Parcel B

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Environmental Lien and AUL Searches	1987, 1994, 2004, and 2005	(EDR 2022b)	Parcel not included.
Property Ownership Reports	No Coverage 1918, 1944, 1955, 1962, 1976, and 1991	(EDR 2022c) (State of Hawaii 2022b)	No coverage for the subject property. Prior to 1918: Owned by Manuel Gonsalves Jr. 12/04/1944: Deeded to Arthur F. Gutenberg 01/04/1955: Transferred to Hawaiian Equipment Company, Ltd. 04/17/1962: Deeded to Hilo Warehouse Corporation 03/17/1976: Sold to Estate of Helen V. Emerson 11/04/1991: Sold to Masayumi, Inc.
Property Ownership Reports	1932	(County of Hawaii 2022)	Parcel labeled as GR7101, Helen V. Emerson Estate (owner) for 1.028-acre parcel of land (Lot 5).
Property Land Value Reports	1946-1968	(County of Hawaii 2022)	1947: Implement sited built, later used as a warehouse (#4). 1949: Warehouse built (#2), included shop and tractor's and parts department pre-1968. 1954: Office (#3) attached to #2 built. 1954: Shop built.
Aerial Photographs	1954, 1975, 1977, 1988, 2010, 2012, 2013, 2014, 2015, 2016, and 2019	(EDR 2022d)	1954-2019: Site is commercially developed, two large warehouses and two other small structures visible.
Fire Insurance Maps	1921 1957, 1974, 1978, 1987, and 1991	(E2 2022) (EDR 2022e)	1921: Railroad tracks shown adjacent to the north. 1957: Site shown as 555 Kalanianaʻole Avenue with an auto repair shop (555A) adjacent to Kalanianaʻole Avenue, a large warehouse labeled "Agric Implh Mig" (Agricultural Implement Manufacturing) with attached office in the central portion of the site and another large warehouse labeled "Parts Warehouse" to the north. 1974-1991: 555A building now labeled "C", the warehouse in the central portion of the site now labeled "C&M" and the other large warehouse no longer has label.
USGS Topo Maps (Hilo and Papaikou Quadrangles)	1914, 1915/1917, 1932, 1963/1966, 1977, 1980, 1981, 1995, 2013, and 2017	(EDR 2022f)	1914-1932: Railroad tracks shown adjacent to the north. 1963-1981: Site appears to be in commercial/Industrial use. 1995: Harbor area identified as Naval Reserve Electronic Facility. 2013-2017: No significant features shown.
Street Directories	1992, 1995, 2000, 2005, 2010, 2014, and 2017 (Kalanianaʻole)	(EDR 2022g)	No significant information was found for the subject or adjacent properties. The full list of street directories is included in Appendix B.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Building Permit Records	1961 through 2022	(EDR 2022h)	No permits found for the subject property.
	1947, 1949, and 1954	(County of Hawaii 2022)	Structures listed on the subject property include the following: (1) 1,900 ft ² industrial shell warehouse constructed in 1954 (1) 10,368 ft ² industrial shell warehouse constructed in 1947 on concrete with metal walls on the front and rear and hollow tile walls on the sides - this may be around the time when the former UST was installed along the center of the east wall - used in 1957 as a farm Implement Shed with restrooms, an office, a parts department, and a shop for tractors (1) 1,320 ft ² commercial store constructed in 1954 on concrete with metal walls. In 2003 a private infiltration trench was installed. In 2006 the front half converted to a restaurant and the back half remained a shop. (1) 12,000 ft ² industrial shell warehouse constructed in 1949 by Stuenkel, Ltd.
Historical Maps	1876	(Alexander, W. D.; 1876)	Subject and Adjacent property shown as being located within Coral Plain.
	1841	(Wilkes, Charles; 1841)	Site not developed; one road crosses to the southwest leading to the point located to the west of the harbor.
	1886	(Wall, Walter A.; Alexander, W. D.; 1886)	Numerous valleys and gulches around the Hilo area. The area of the subject property and the Keaukaha area were depicted as undeveloped land with low relief.
	1901	(Doom, John M.; Alexander, W. D.; Wall, Walter E.; 1901)	The land area, identified as Public Land, Hilo Railway, runs perpendicular to the shoreline of the future Hilo Harbor adjacent to E2 Parcels A, B, and C. Most of the harbor yet to be reclaimed.
	1906	(Wall, Walter E.; 1906)	Railroad tracks to the west leading to the Coconut Island shown perpendicular to the shoreline adjacent to E2 Parcels A, B, and C and crosses through the Waiakea Mill just southwest of the future harbor and Hilo International Airport.
	1916	(Territory of Hawaii 1917)	Map shows the HCRH adjacent to the north of the subject property that turns near three molasses tanks to align with the Kuhio Wharf (Pier 1).
	1918	(U.S. Army Engineer District 1981)	Map shows the HCRH adjacent to the north of the subject property that turns to service Pier 2 and Pier 1.
	1921	(U.S. Army Engineer District 1981)	HCRH ROW located on the current Ocean View Drive track adjacent to E2 Parcels A, B, and C and leading to Pier 1, Parcel B – Land Grant 7101 to Hilo Emporium Ltd.
	1928	(Iao, Joseph; Wall, Walter E.; 1928)	No significant changes from the 1906 map.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Historical Maps	1930	(David Rumsey Map Collection 1930)	Railway tracks located on the north side of E2 Parcels A, B, and C. Parcels D and E shown as part of U.S. Naval Radio Station.
	1946	(County of Hawaii 1946)	Parcels A, B, and C were not within the 1946 Tsunami inundation area.
	1959	(DAGS 2022)	Register Map No. 2539, Parcel identified as Waiakea Warehouse Lots, Lot 5, 1.028 acres, Grant 7101, Hilo Rice Mill Co. Property to north is Hilo Railroad Company (Grant deed May 22, 1912, L370 P. 53, C.S.F. 2375) easement and Banyan Drive.
	1963	(U.S. Army Engineer District 1981)	The USGS Map shows one large warehouse encompassing the subject property.
State of Hawaii GIS	1900, 1920, and 1937	(State of Hawaii Office of Planning 2015)	Subject property not within lands designated as sugarcane.

4.4.1.3 E2 Parcel C: 595K LLC, 595 Kalaniana'ole Avenue, TMK (3) 2-1-007: Parcel 046

Historical use information for the subject and adjacent properties was obtained by reviewing the historical sources listed in Table 4-13. A discussion of RECs and/or environmental concerns identified as a result of the review of standard historical sources is included in Section 7 of this report.

Table 4-13: Historical Sources Reviewed: E2 Parcel C

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Environmental Lien and AUL Searches	1987, 1994, 2004, and 2005	(EDR 2022b)	Parcel not included.
Property Tax Land Ownership Reports	No Coverage 1918, 1946, 1966, 1977, 1978, and 1986	(EDR 2022c) (ENPRO 2018)	No coverage for the subject property. Prior to 1918: John T. Baker (owner) 09/05/1918: Deeded to Manuel Gonsalves, Jr. 12/26/1946: Deeded to Tidewater Associated Oil Company 06/08/1966: Deeded to Phillips Petroleum Company 03/18/1977: Deeded to Aloha Petroleum, Ltd. 07/28/1978: Deeded to Cutler Hanley Joint Venture 05/22/1986: Deeded to Miller Petroleum Company, Inc. 05/27/1986: Deeded to M.S. Petroleum Corporation
	1918, 1977, 1978, 1980, 1982, 1986, 1989, and 1992	(State of Hawaii 2022b)	County of Hawaii Parcel History Report run in 2007: 09/05/1918: Deeded from John T. Baker to Manuel Gonsalves and wife 03/18/1977 Deeded to Phillips Petroleum Company 07/28/1978: Lease of ingress, egress, and regress Deeded to Cutler Hanley Joint Venture (Aloha Petroleum, Ltd.) 08/01/1978: Deeded to Cutler Hanley Joint Venture 08/15/1980: Leased to Miller Petroleum Company, Inc. and Michael V. Miller and wife Melba

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Building Permit Records	1961 through 2022	(EDR 2022h)	No permits found for the subject property.
Historical Maps	1937	(County of Hawaii 2022)	Structures listed on the subject property include the following: (1) 1,152 ft ² storage warehouse constructed in 1937 (1) 1,440 ft ² office building constructed in 1937
	1876	(Alexander, W. D.; 1876)	Subject and Adjacent property shown as being located within Coral Plain.
	1841	(Willes, Charles; 1841)	Site not developed; one road crosses to the southwest leading to the point located to the west of the harbor.
	1886	(Wall, Walter A.; Alexander, W. D.; 1886)	Numerous valleys and gulches around the Hilo area. The area of the subject property and the Keaulaha area were depicted as undeveloped land with low relief.
	1901	(Donn, John M.; Alexander, W. D.; Wall, Walter E.; 1901)	The land area, identified as Public Land, Hilo Railway, runs perpendicular to the shoreline of the future Hilo Harbor adjacent to E2 parcels A, B, and C. Most of the harbor yet to be reclaimed.
	1906	(Wall, Walter E.; 1906)	Railroad tracks to the west leading to the Coconut Island shown perpendicular to the shoreline adjacent to E2 parcels A, B, and C and crosses through the Waialea Mill just southwest of the future harbor and Hilo International Airport.
	1916	(Territory of Hawaii 1917)	Map shows the HCRR adjacent to the north of the subject property that turns near three molasses tanks to align with the Kuhio Wharf (Pier 1).
	1918	(U.S. Army Engineer District 1981)	
	1921	(U.S. Army Engineer District 1981)	Map shows the HCRR adjacent to the north of the subject property that turns to service Pier 2 and Pier 1.
	1924	(Wall, Walter E.; 1924)	HCRR ROW located on the current Ocean View Drive track adjacent to E2 parcels A, B, and C and leading to Pier 1. Parcel C and adjacent parcel to the east – Land Grant 7102 to John T. Baker.
1928	(Iao, Joseph; Wall, Walter E.; 1928)	No significant changes from the 1906 map.	
1930	(David Rumsey Map Collection 1930)	Railway tracks located on the north side of E2 parcels A, B, and C. Parcels D and E shown as part of U.S. Naval Radio Station.	
1936	(Wall, Walter E.; 1924)	HCRR ROW adjacent to E2 parcels A, B, and C and leading to Pier 1. Parcel C and adjacent parcel to the east – Land Grant 7102 to John T. Baker - Lessee is Union Oil Co. A 5 ft Pipeline ROW enters the northeast corner of the parcel adjacent to E2 Parcel C.	
1946	(County of Hawaii 1946)	Parcels A, B, and C were not within the 1946 Tsunami Inundation area.	

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Property Tax Land Ownership Reports	03/04/1982; 05/22/1986; 05/27/1986; 08/23/1989; 1992	Quit claim deed from Michael V. Miller and wife Melba Petroleum Company, Inc. Deeded from Miller Petroleum Company, Inc. to M.S. Petroleum Corporation Deeded from Miller Petroleum Company, Inc. to M.S. Petroleum Corporation Lease from M.S. Petroleum Corporation (owner) to Pac Resources Terminals, Inc. Lease from Miller Petroleum Co. Inc. (owner) to Pac Resources Terminals, Inc. New steel 5046 billion barrels AST and 3719 billion barrels AST installed.	
Aerial Photographs	1932	(County of Hawaii 2022)	Parcel labeled as GR7102, Phillips Petroleum Company (owner) for 1.028-acre parcel of land (Lot 4).
	2019	(County of Hawaii 2022)	11/25/2019: Warranty deed (72720403) to 595K LLC.
	1954, 1975, 1977, 1988, 2010, 2012, 2013, 2014, 2015, 2016, and 2019	(EDR 2022d)	1954-1988: Site is commercially developed; site appears to be a tank farm on the north side with at least three ASTs and a few smaller buildings on the south side. 2010: No ASTs visible on the property this area is vegetated, the smaller warehouses remain on the south side of the property. 2012: Site redeveloped with two warehouses; entire site appears to have been recently graded. 2013-2019: The former tank farm area is being used as a parking lot and a trapezoid shaped building added to the north portion of one of the warehouses.
	1921	(E2 2022)	1921: Railroad tracks shown adjacent to the north.
	1957, 1974, 1978, 1987, and 1991	(EDR 2022e)	1957: Site shown as 595 Kalamanaole with a structure labeled "A" on the southwest side of the site, a warehouse labeled "Oil Warehouse" adjacent to the west boundary of the site, and three ASTs labeled "Steel Oil Tanks 25 feet high." The site is labeled "Associated Oil Co." 1974: Site now labeled "Phillips Petroleum". A smaller AST adjacent to the other ASTs, and a small building labeled "Fill 'G'" on the south side of the site. 1978-1991: Site now labeled "Arco Petroleum, Co."
	1914, 1915/1917, 1932, 1963/1966, 1977, 1980, 1981, 1995, 2013, and 2017	(EDR 2022f)	1914-1932: Railroad tracks shown adjacent to the north. 1963-1981: Site appears to be in commercial/industrial use. Three ASTs shown. 1995: Harbor area identified as Naval Reserve Electronic Facility. 2013-2017: No significant features shown.
	1992, 1995, 2000, 2005, 2010, 2014, and 2017 (Kalamanaole Avenue and Kuhio Street)	(EDR 2022g)	The full list of street directories is included in Appendix B. Only one entry found for the subject property: 2010: Occupant Unknown

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Historical Maps	1959	(DAGS 2022)	Register Map No. 2539, Parcel identified as Waiakaa Warehouse Lots, Lot 4, 1.028 acres, Grant 7102, J.T. Baker. Property to north is Hilo Railroad Company (Grant deed May 22, 1912, L370 P. 53, C.S.F 2375) easement and Banyan Drive.
	1963	(U.S. Army Engineer District 1981)	The USGS map shows several ASTs and a small structure located on the subject property.
State of Hawaii GIS	1900, 1920, and 1937	(State of Hawaii Office of Planning 2015)	Subject property not within lands designated as sugarcane.

4.4.1.4 E2 Parcel D: Sparks & Boschetti, TMK (3) 2-1-009; Parcel 004

Historical use information for the subject and adjacent properties was obtained by reviewing the historical concerns listed in Table 4-14. A discussion of RECs and/or environmental concerns identified as a result of the review of standard historical sources is included in Section 7 of this report.

Table 4-14: Historical Sources Reviewed: E2 Parcel D

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Environmental Lien and AUL Searches	1987, 1994, 2004, and 2005	(EDR 2022b)	Parcel not included.
Property Ownership Reports	No Coverage	(EDR 2022c)	No coverage for the subject property.
	1944 - 1999	(County of Hawaii 2022)	Parcel labeled as Grant 9072, Brewer Chemical Corp. (owner) for 5.555-acre parcel of land. One easement is shown from Kalanianaʻole Street to E2 Parcel E. Grant 11473 appears as a line (possible pipeline) though E2 parcels D and E parallel to the shoreline.
Property Tax Land Value Reports	1944 - 1999	(County of Hawaii 2022)	1928: Nine structures were listed as constructed, including a garage, storage shed, and office (removed in 1957), lean-to (removed in 1947), chemical plant (Main Building #1), nitre (potassium nitrate) building, bag house/machine shop, poison house/nitre bag house (removed in 1956), and tank (large AST likely taken out by the 1946 tsunami). 1941: Three structures were listed as constructed, including a pavilion (salvaged in 1959), an addition to the chemical plant (to the east), and chemical plant (Main Building #2). 1949: After the 1946 tsunami, which impacted the north side and the northwestern corner of Parcel D, five new structures were built, including a new addition to fertilizer warehouse/plant (Chemical plant Main Building #2), a new bag house, a loading shed/warehouse/truck scale platform, and new Chemical Warehouse #1. 1952: Four new structures were built, including a loading shed for chemical plant (Main Building #1), a fertilizer plant/ Chemical Warehouse #2, and two car/auto sheds. 1956: A new locker room/office was built in 1952. 1958: Three new structures were built, two garages and an office.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Property Tax Land Value Reports	1945	RMTC	1960: Two new structures were built, a storage shed and a lean-to overhang. 1969: Two new sheds were built, five new steel tanks were installed (2,400-, 1,000-, 2,000-, 1,600-, and 9,500-gallons in capacity) - no additional information was available, and a gas pump and two tanks were installed (one 10,000- and one 30,000-gallon in capacity) - no additional information was available. 1982: Two new 64,000-gallon tanks were installed - no additional information was available. 1999: One new building, a store, was built.
Aerial Photographs	1949 and 1969	(Bureau Veritas North America, Inc. 2007)	Parcel D developed with multiple structures. 1949 February 22: Kuhio Street present. 1969 October 10: A pipeline was noted adjacent to the west side of Kuhio Avenue and the railroad was noted to the north.
	1954, 1975, 1977, 1988, 2010, 2012, 2013, 2014, 2015, 2016, and 2019	(EDR 2022d)	1954-2019: Site is commercially developed; large warehouse and several smaller structures visible.
Fire Insurance Maps	1921	(E2 2022)	1921: Parcel labeled "Pacific Chemical & Fertilizer", other buildings included two warehouses labeled "Chemical Warehouse", two small structures labeled "chemical storage", one warehouse "machine shop" with 40-gallon chem cart, a small office "Office", a few small structures along the north border labeled "Gas & Oil" and "LBR Storage", a large warehouse labeled "Facility Building Plant No. 5" including (3) 40-gallon chem cart, a structure in the center identified as a Mixer, and one warehouse adjacent to the east side of the plant labeled "Nitre Building" and includes (1) 40-gallon chem cart. Railroad tracks enter the west side of the Parcel from Kalanianaʻole Avenue and Silva Street and appeared to connect to the northwest and southwest ends of the Pacific Chemical & Fertilizer factory and plant. The parcel adjacent to the south, across the 60 ft wide Street Reservation, is occupied by a large AST labeled "R.R. Oil Tank". 1957: The chemical storage buildings no longer visible, a small office building labeled "Office and locker room" near the plant. The Nitre Bldg is now labeled that it was constructed in 1933; however, it is shown in the 1921 Sanborn Maps. 1974: Several new structures added including covered parking, Boiler house (possible UST), 550-gallon diesel oil tank (UST) adjacent to locker room, Weed Killer Mixing Plant and an AST located just to the northeast of the corner of the Plant that is now labeled "Main Fertilizer Mill Building NO. 7", machine shop with 40-gallon chem cart and a Gas & Oils structure (possible USTs) and possibly includes a butane tank on the southwest portion of the site, a new fertilizer warehouse No. 4 added on the southwest portion of the site. Site labeled as "Ultramar Chemical Corp subsidiary of C. Brewer & Co. Ltd."

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Historical Maps	1918	(U.S. Army Engineer District 1981)	
	1919	(DAGS 2022)	Register Map No. 2539, Parcel identified as Grant 9072 Pacific Guano & Fertilizer Co., 560 acres; lease to Waiakea Mill Co to D.E. Metzger, Expires June 1, 1918.
	1921	(U.S. Army Engineer District 1981)	No significant features shown for the subject property.
	1924	(Wall, Walter E.; 1924)	HCR ROW located on the current Ocean View Drive track adjacent to E2 Parcels A, B, and C and leading to Pier 1.
	1928	(Iao, Joseph; Wall, Walter E.; 1928)	No significant changes from the 1906 map.
	1930	(David Rumsey Map Collection 1930)	Railway tracks located on the north side of E2 Parcels A, B, and C. Parcels D and E shown as part of U.S. Naval Radio Station.
	1940	(DAGS 2022)	Tax Map 2-4-07, C.S.F. No. 9390, HCRR Crude Oil Pipeline shown coming from Parcel D and running to Pier 3. Pipeline originates at HCRR Oil Tank located to the southeast (hydraulically upgradient). Also shows the Standard Oil pipeline that runs along the west side of Kuhio Street to Pier. 3.
	1946	(County of Hawaii 1946)	North and northwest portion of Parcel D was within the 1946 Tsunami inundation area.
	1959	(DAGS 2022)	Register Map No. 2539, Parcel identified as Grant 9072 Pacific Guano & Fertilizer Co., 560 acres; lease to Waiakea Mill Co to D.E. Metzger, Expires June 1, 1918.
	1963	(U.S. Army Engineer District 1981)	The USGS map shows one large warehouse and several smaller structures on the subject property.
State of Hawaii GIS	1900, 1920, and 1937	(State of Hawaii Office of Planning 2015)	Subject property not within lands designated as sugarcane.

4.4.1.5 E2 Parcel E: Sparks & Boschetti, TMK (3) 2-1-009; Parcel 003

Historical use information for the subject and adjacent properties was obtained by reviewing the historical sources listed in Table 4-15. A discussion of RECs and/or environmental concerns identified as a result of the review of standard historical sources is included in Section 7 of this report.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Fire Insurance Maps	1914, 1915/1917, 1932, 1963/1966, 1977, 1980, 1981, 1995, 2013, and 2017	(EDR 2022f)	1978: Composting mill shown in the central portion of the main fertilizer mill building, no other significant changes noted. 1987-1991: Site labeled as "Brewer & Co. Ltd." 1914-1915: Site appears to be commercial/industrial developed. Railroad tracks run perpendicular to the shoreline and cross this parcel from south to north. 1932: Railroad tracks have been moved to the west to where Kuhio Street is currently located and lead directly to the Pier 1 shed. 1963-1995: Railroad tracks have been replaced with roads. Harbor Area to the northeast labeled "Naval Reserve Electronic Facility". 2013-2017: No significant features shown.
Street Directories	1992, 1995, 2000, 2005, 2010, 2014, and 2017 (Kaimanaole Avenue and Kuhio Street)	(EDR 2022g)	The full list of street directories is included in Appendix B. The subject property had the following listings: 1995: Brewer Environmental Industries Incorporated 2000: Brewer Environmental Industries Incorporated A C Brewer Company 2005, 2010: Aftermath Painting, Inc. 2010: Herbs Herbs Inc. 2010, 2014, 2017: Christopher Ranch 2010, 2014, 2017: Coner's Freight Transport 2010-2014: Hawaiian Ocean Transport Inc. 2014, 2017: J & J Lucas Repair Shop 2017: AFF Hawaiian Ocean Transport Hot 2017: Island Discount Rentals 2017: Keok's Repair
Building Permit Records	1961 through 2022	(EDR 2022h)	The full list of building permit records is included in Appendix B. Significant permits were as follows: 2000: Plumbing to sewer connection 2017: Conversion of covered open area space to slab on grade for low hazard storage facilities.
Historical Maps	1876	(Alexander, W. D.; 1876)	Subject and Adjacent property shown as being located within Coral Plain.
	1841	(Wilkes, Charles; 1841)	Site not developed; one road crosses to the southwest leading to the point located to the west of the harbor.
	1886	(Wall, Walter A.; Alexander, W. D.; 1886)	Numerous valleys and gulches around the Hilo area. The area of the subject property and the Keaukaha area were depicted as undeveloped land with low relief.
	1901	(Dunn, John M.; Alexander, W. D.; Wall, Walter E.; 1901)	The land area, identified as Public Land, Hilo Railway, runs perpendicular to the shoreline of the future Hilo Harbor adjacent to E2 Parcels A, B, and C. Most of the harbor yet to be reclaimed.
	1906	(Wall, Walter E.; 1906)	Railroad tracks to the west leading to the Coconut Island shown perpendicular to the shoreline adjacent to E2 Parcels A, B, and C and crosses through the Waiakea Mill just southwest of the future harbor and Hilo International Airport.
	1916	(Territory of Hawaii 1917)	Oil AST shown hydraulically upgradient from the subject property.

Table 4-15: Historical Sources Reviewed: E2 Parcel E

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Environmental Lien and AUL Searches	1987, 1994, 2004, and 2005	(EDR 2022b)	<ul style="list-style-type: none"> Warranty deed from Sparks & Boschetti, LLC from Sparks & Boschetti, LLC and Adam Sparks, Trustee of the Adam Sparks' Revocable Trust on 06/30/2020. Parcel of land (being portion(s) of the land(s) described in covered and covered by Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company, Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company, and Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company) situate, lying and being at Waialea, District of South Hilo, Island and County of Hawaii, State of Hawaii, being Lot "B". Together with an easement for ingress and egress to and from Kalaniana'ole Street over and across Lot "A". Unrecorded Lease for the First Party: Agribusiness Co., Inc. (assigned to Sparks & Boschetti, LLC) – Landlord to Second Party: Brewer Environmental Industries, LLC – Lessee on 07/01/2002. Unrecorded Lease of Stevedoring Repair Shop between Mauna Kea Agribusiness Co., Inc., as landlord and Brewer Environmental Industries, LLC as lessee, dated 07/01/2002, for the term commencing from 07/01/2002 and ending 06/30/2022. Landlord under said lease was assigned to Sparks & Boschetti, LLC.
Property Tax Map Reports	No Coverage 1944	(EDR 2022c) (County of Hawaii 2022)	No coverage for the subject property. Parcel labeled as Grant 472, Brewer Chemical Corp. (owner) for 32,218 ft ² parcel of land. Two easements are shown for the subject property, one shown from Kalaniana'ole Street and through E2 Parcel D and the other located on the north side of the site for sugar conveyor system that leads to the bulk sugar storage tanks. Grant 11473 appears as a line (possible pipeline) through E2 Parcels D and E parallel to the shoreline.
Aerial Photographs	1954, 1975, 1977, 1988, 2010, 2012, 2013, 2014, 2015, 2016, and 2019	(EDR 2022d)	1954: Site appears to be undeveloped vegetated area. 1975-1988: Site is commercially developed; large warehouse with conveyor to building located to the north. 2010-2019: Building to the north and conveyor removed.
Fire Insurance Maps	1957, 1974, 1978, 1987, and 1991	(EDR 2022e)	1957: No coverage for this parcel. 1974-1991: Parcel is only partially visible. One large warehouse labeled "Bulk Sugar Storage" with conveyor to parcel to the north where the bulk sugar storage tanks are located, and one warehouse on the southern portion of the property are shown.
USGS Topo Maps (Hilo and Papaikou Quadrangles)	1914, 1915/1917, 1932, 1963/1966, 1977, 1980, 1981, 1955, 2013, and 2017	(EDR 2022f)	1914-1915: Site appears to be commercial/industrial developed. Railroad tracks run perpendicular to the shoreline and cross through adjacent E2 Parcel D. 1932: Railroad tracks have been moved to the west to where Kuhio Street is currently located and lead directly to the Pier 1 shed.

Table 4-16: Historical Sources Reviewed: E2 Parcel E

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Street Directories	1992, 1995, 2000, 2005, 2010, 2014, and 2017 (Kalaniana'ole Avenue and Kuhio Street)	(EDR 2022g)	1963-1995: Railroad tracks have been replaced with roads. Harbor Area labeled "Naval Reserve Electronic Facility". 2013-2017: No significant features shown. The full list of street directories is included in Appendix B. No listing for the subject property as it has no associated address.
Building Permit Records	1961 through 2022	(EDR 2022h)	The full list of street directories is included in Appendix B. No listing for the subject property as it has no associated address.
Historical Maps	1876	(Alexander, W. D. 1876)	Subject and Adjacent property shown as being located within Coral Plain.
	1841	(Wilkes, Charles; 1841)	Site not developed; one road crosses to the southwest leading to the point located to the west of the harbor.
	1886	(Wall, Walter A.; Alexander, W. D.; 1886)	Numerous valleys and gulches around the Hilo area. The area of the subject property and the Keaukaha area were depicted as undeveloped land with low relief.
	1901	(Donn, John M.; Alexander, W. D.; Wall, Walter E.; 1901)	The land area, identified as Public Land, Hilo Railway, runs perpendicular to the shoreline of the future Hilo Harbor adjacent to E2 Parcels A, B, and C. Most of the harbor yet to be reclaimed.
Historical Maps	1906	(Wall, Walter E.; 1906)	Railroad tracks to the west leading to the Coconut Island shown perpendicular to the shoreline adjacent to E2 Parcels A, B, and C and crosses through the Waialea Mill just southwest of the future harbor and Hilo International Airport.
	1916	(Territory of Hawaii 1917)	
	1918	(U.S. Army Engineer District 1981)	OIAST shown hydraulically upgradient from the subject property.
	1921	(U.S. Army Engineer District 1981)	No significant features shown for the subject property.
	1924	(Wall, Walter E. 1924)	HCRR ROW located on the current Ocean View Drive track adjacent to E2 Parcels A, B, and C and leading to Pier 1.
	1928	(Iao, Joseph; Wall, Walter E.; 1928)	No significant changes from the 1906 map.
	1930	(David Rumsey Map Collection 1930)	Railway tracks located on the north side of E2 Parcels A, B, and C. Parcels D and E shown as part of U.S. Naval Radio Station.
	1959	(DAGS 2022)	Register Map No. 2539, Parcel identified as Grant 3072 Pacific Guano & Fertilizer Co., 560 acres, lease to Waialea Mill Co to D.E. Metzger, Expires June 1, 1918.

Source Type	Year Reviewed	Source	Environmental Concerns/Notes:
Historical Maps	1946	(County of Hawaii 1946)	Parcel E was partially within the 1946 Tsunami Inundation area.
	1963	(U.S. Army Engineer District 1981)	The USGS map shows one small structure on the subject property. The area to the north is labeled "Naval Reserve Electronic Facility."
State of Hawaii GIS	1900, 1920, and 1937	(State of Hawaii Office of Planning 2015)	Subject property not within lands designated as sugarcane.

4.4.2. Previous Environmental Reports

E2 reviewed previous reports as listed in Tables 4-16, in addition to the reports provided and summarized in Government Agencies Information Requests in Tables 4-4 through 4-10. A discussion of RECs and/or environmental concerns identified as a result of the review of the previous reports are included in Section 7 of this report.

Table 4-16: Previous Reports Reviewed

Year	Report Title	Environmental Concerns/Notes:
2018	<i>Hilo Bay, A Chronological History, Land and Water Use in the Hilo Bay Area, Island of Hawaii</i> (U.S. Army Engineer District 1981)	<ul style="list-style-type: none"> In 1826, Hilo Bay was to be known as Byron Bay in commemoration of the Lord Byron. Between 1895 and 1897, money was appropriated for harbor facilities; construction began in late 1897 and construction of the Government Wharf was completed in 1899 and repaired in 1902. The Hilo Bay was dredged and filled, and hundreds of tons of sugar wastes and millions of gallons of sewage were poured into it, to a point where it was identified as "a menace to public health" in a research report. By July 1902, the Public Works Superintendent of the Territory of Hawaii had agreed to the location of the railroad ROW. The Railroad Wharf was built in 1903. In 1908, the construction of the Hilo breakwater began and was completed in 1925. Between 1912 and 1916, the Kuhio Wharf (Pier 1) was constructed. The pier measured 1,400 ft long by 150 ft wide, and a wooden shed for storage of sugar. An 8-inch oil pipeline and an 8-inch molasses line were laid under the wharf in late 1916. In addition, a conveyor system was constructed to move bagged sugar. The 1946 tsunami completely destroyed the shed on Pier 1. Pier 1 was reconstructed in 1948 with a steel frame building with corrugated iron covered with asbestos. Between 1921 and 1923, Pier 2 was constructed. The pier is 110 ft wide and 528 ft long and a shed with a double line of railroad tracks extending the entire length of the wharf. The 1946 tsunami badly damaged the shed on Pier 2. Pier 2 was restored in 1948. Between 1926 and 1927, Pier 3 was constructed. The pier was joined to and made a part of Pier 2, giving berthing space of 175 ft on the harbor end and 600 ft berth in the slip. During the 1946 tsunami Pier 3 was not badly damaged. From 1927 to 1928, the harbor end of Pier 3 was dredged and widened. In 1944, the Pacific Chemical and Fertilizer Company went into production (now a subsidiary of C. Brewer & Company, Ltd.) (E2 Parcel D). The company also built a "comprehensive track system" leading to the main railroad track. The business was described as making sulfuric acid, iron, and zinc sulfate mixed fertilizers; superphosphate and sulphurated alkane; formulated insecticides and herbicides; distributed a complete line of industrial and agricultural chemicals and fertilizers in Hawaii; and operated an industrial and analytical laboratory.

Year	Report Title	Environmental Concerns/Notes:
1983	<i>Survey Report and Final Environmental Impact Statement, Hilo Area Comprehensive Study, Hilo Harbor</i> (USACE 1983)	<ul style="list-style-type: none"> In 1946, a tsunami struck Hilo and cause damage to the railway and rather than reconstruct, the stockholders of the railroad voted to liquidate. In 1946 the U.S. Interstate Commerce Commission authorized the abandonment of the entire railroad line. In 1948, Matson Navigation Co. installed four 10,000-ton steel silos with necessary conveyor systems, weighing scales, and gantry cranes for handling sugar. The railroad in Hilo operated from 1899 to 1946. Between 1899 and February 1916, it was known as the Hilo Railroad Company, and between 1916 and 1946, the railroad operated as the HCHR. Essentially, the harbor facilities, as reconstructed in 1947 and 1948, remain until the present time of the report. The deep draft harbor was completed in July 1930. 60 percent of the breakwater was seriously damaged during the 1946 tsunami and repairs were completed in 1948. Breakwater repairs were completed in 1968, 1975, and 1981. In 1962, approximately 85,000 cubic yards of dredged material was removed from Hilo Harbor and disposed of in the ocean offshore from Hilo. In 1977, 54,000 yd³ of sediment were dredged from the basin and discharged at a dump site. The seaward side of Pier 1 was reinforced in 1981. In 1981, the EPA designated a permanent ocean disposal site for dredged material of Hilo Harbor located eight miles northeast of the harbor. The proposed harbor access road intersects the northerly ROW on Kalanihale Street approximately 1,000 ft east of the existing Kuhio Street access road and about 200 ft west of the Kauhane Avenue intersection with Kalanihale Street.
1996	<i>Final Environmental Assessment and Negative Declaration, Hilo Harbor Improvements Access Road, Hilo, Hawaii – Job H.C. 5268, Waiakoa, South Hilo, Hawaii TMK: (3) 2-1-009:007 (HDOOT-Harbors 1996)</i>	<ul style="list-style-type: none"> Hilo Harbor: Commercial Harbor uses including berthing and loading/unloading of ships, barges, and small boats; berthing of passenger cruise ships; and dry and liquid bulk cargo operations. Other uses of the commercial harbor include recreational fishing. Hilo Harbor consists of 43 acres of fast land. The beginnings of the present configuration of Hilo Harbor date to the construction of the Hilo breakwater in 1908. The Kuhio Wharf (Pier 1) site is primarily used by interisland container barges, cargo ships, and large passenger cruise ships. Pier 2 is primarily used for interisland barge activity. Pier 3 is mostly used for fuel barges, but also accommodates overflow berthing of cruise ships and ships carrying bulk cargo. Radio Bay area is frequently occupied by a U.S. Coast Guard Cutter, Harbor Pilot boat, UH at Hilo research vessel, Clean Island Council container with equipment for containing oil spills, and itinerant private vessels, mostly sailboats. Hilo Harbor is a relatively flat area situated on land reclaimed from the bay by the placement of coralline fill materials over coralline lagoonal (slit) deposits overlying basalt formations. Based on borings taken from a Board of Harbor Commissioners Drawing dated January 1924, the fill materials of the landside harbor area are underlain by soft mud deposits and loose finger and tree corals extending to depths of about 35 to 60 ft bgs.
2001	<i>Final Environmental Impact Statement for the Hawaii Commercial Harbors 2020 Master Plan, Island of Hawaii, Hawaii</i> (HDOOT-Harbors 2001)	<ul style="list-style-type: none"> Hilo Harbor: Commercial Harbor uses including berthing and loading/unloading of ships, barges, and small boats; berthing of passenger cruise ships; and dry and liquid bulk cargo operations. Other uses of the commercial harbor include recreational fishing. Hilo Harbor consists of 43 acres of fast land. The beginnings of the present configuration of Hilo Harbor date to the construction of the Hilo breakwater in 1908. The Kuhio Wharf (Pier 1) site is primarily used by interisland container barges, cargo ships, and large passenger cruise ships. Pier 2 is primarily used for interisland barge activity. Pier 3 is mostly used for fuel barges, but also accommodates overflow berthing of cruise ships and ships carrying bulk cargo. Radio Bay area is frequently occupied by a U.S. Coast Guard Cutter, Harbor Pilot boat, UH at Hilo research vessel, Clean Island Council container with equipment for containing oil spills, and itinerant private vessels, mostly sailboats. Hilo Harbor is a relatively flat area situated on land reclaimed from the bay by the placement of coralline fill materials over coralline lagoonal (slit) deposits overlying basalt formations. Based on borings taken from a Board of Harbor Commissioners Drawing dated January 1924, the fill materials of the landside harbor area are underlain by soft mud deposits and loose finger and tree corals extending to depths of about 35 to 60 ft bgs.

Year	Report Title	Environmental Concerns/Notes:
2000	Phase I Environmental Site Assessment, Hilo Harbor, TMK (3) 2-1-7 and (3) 2-1-9, Hilo, Hawaii (R. M. Towill Corporation 2000)	<ul style="list-style-type: none"> Until 1998, Hilo Harbor was served by water lines owned by the Department of Water Supply. Now HDOT-Harbors owns the water lines from the main water meter. HDOT-Harbors distributes water to harbor users and tracks usage through an internal meter system for the harbor. Six pipe outlets for water are located on Pier 1 and additional ones on Piers 2 and 3. The following PECs were identified during the Phase I ESA conducted at Hilo Harbor: <ul style="list-style-type: none"> There are a large number of ASTs and USTs in the harbor vicinity. Potential exists for leakage of petroleum product to the soil and groundwater in this area. No evidence was noted to verify this possibility since no subsurface investigations were performed for the Phase I ESA. There is a large system of piping that carries petroleum products from ships at the piers to the bulk fuel storage tanks. These pipes may leak causing contamination of the soil and groundwater in this area. No leakage was observed or documented. Some of the buildings at the harbor contain ACM. No thorough study was performed to determine the extent of the presence of ACM or LBP.

4.4.3 Summary of Historical Land Use

The following paragraphs summarize historical uses for the subject property.

Hilo Bay has a long history of being utilized for marine purposes such as boat launching and fishing. The first structure, a stone pier, was built in 1861 by Thomas Spencer (HDOT-Harbors 2011). The two-mile long rubble mound breakwater was built by the U.S. Government between 1908 and 1929 to protect the harbor from winter storms (HDOT-Harbors 2011). The breakwater is made of large stones weighing several tons each that were transported from Puna on the Hilo Railroad (HDOT-Harbors 2011).

The breakwater is built on a submerged reef known as Blond Reef (HDOT-Harbors 2011). The reef was named after the HMS Blond, an English vessel that carried the young bodies of Liholilo (King Kamehameha II) and his wife, Queen Kamamalu, who had died of measles while visiting London. The harbor was hit by tsunami twice in recorded history, once in 1946 generated by an earthquake in the Aleutian Islands and again in 1960 generated by an earthquake in Chile. The harbor was used extensively during the sugar plantation period at the turn of the century and later by the visitor industry (HDOT-Harbors 2011).

Hilo Harbor has four piers. Pier 1 (1912) is 1,265 ft long, has a yard area of 13.4 acres, and shed area of 81,635 square ft. Pier 2 (1923) is 703 ft long, has only 2 acres of yard space, and shed area of 37,884 square ft. Pier 3 (1927) is 763 ft long, has 7.3 acres of yard space and no shed. Combined cargo handling and storage area at Hilo Harbor is 13.65 acres. Pier 4 is 602 ft in length and 10 acres of yard space (HDOT-Harbors 2011). A complete re-building of the Hilo Bay facilities began in 1948 after the 1946 tsunami hit Hilo and destroyed Pier 1 and 2.

The Waiakea Warehouse Lots that includes the subject properties (E2, Parcels A, B, and C) were established sometime between the construction of the breakwater in 1908 and c. 1918, when the land began to be developed between the HCRR ROW and a 70 ft wide road reserve for Kalanianaʻole Avenue.

E2 Parcel A was not developed until 1943, when a storage warehouse was constructed on the property. The land was originally part of the Hilo Rice Mill Co. until it was sold to The BOC Group, Inc., formerly known as Hawaiian Gas Products in the 1940s. Hawaii Gas Products went through several ownership changes including Gaspro, Airco Inc., and AirGas Gaspro. In 1958 Gaspro partnered with Amchem Products to

produce herbicides and rodenticides at the Hilo facility. AirGas Gaspro is also a manufacturer of industrial and medical gases, and dry ice.

E2 Parcel B was not developed until 1947 when the first large industrial warehouse was constructed, several other structures were built on the site. The site has been historically used by a bunch of tenants with use that included church, restaurant, woodworking, storage, paint store, auto shop, and agricultural implement manufacturing.

E2 Parcel C was not developed until 1937 when a warehouse and office building were constructed. Tesoro Hilo Terminal 2 operations began at this property in the 1950's and ceased in the early 1990's. The terminal remains inactive and formerly consisted of four petroleum ASTs with capacities of between 900 and 9000 barrels, an OWS, an inactive 1,500-gallon OWS, transformer pad, truck loading rack and a 2,000-gallon sump. Most of these features were removed in March 2009. There is an existing warehouse building with an office located on the property. The surface of the tank farm area is gravel and does not include a synthetic liner. The remainder of the terminal is paved with asphalt. The site is currently owned by 595 Kalanianaʻole Street and prior to 2019 was owned by various entities (Pac Resources Terminals, Inc., M.S. Petroleum, Pacific Resources Terminals, M.S. Petroleum Corporation, La Mesa, Miller Petroleum Company, Inc., Tidewater Associated Oil Company, Phillips Petroleum Company, Aloha Petroleum, Ltd., Cutler Hanley Joint Venture, Arco Petroleum, Company). According to Tesoro, the site was leased by BHP America's Inc. between April 1989 to May 1998. Tesoro assumed the lease from June 1998 to September 2011. Although leased for over 20 years, the site was only used for gasoline storage between 1990 and 1995.

E2 Parcel D historic topographic maps indicate the site was first developed in 1914. The 1921 Sanborn Map depicts Pacific Chemical and Fertilizer Company at the site. The Pacific Chemical and Fertilizer Company opened a plant to blend its own fertilizers. In 1958, it partnered with Amchem Products to produce herbicides and rodenticides. The company endured several name changes such as Pacific Guano & Fertilizer Company, Brewer Chemical Corporation, Brewer Environmental Industries, and BEI Hawaii. The exact date that BEI Hawaii stopped using the site is unknown but is estimated to be c. 2000. By 2002, Conen's Freight Transport (also known as Hawaii Transport Company) moved its operations from 500C Kalanianaʻole Avenue to the subject property. Several tenants have occupied the site since 2005 (Aftermath Painting, Inc., Herbs Herbs, Inc., Christopher Ranch, Hawaiian Ocean Transport Inc., J&J Lucas Repair Shop, Island Discount Rentals, Keoki's Auto Repair, Hoppa-On Hoppa-Off Bus, Westside Audio Shop, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC). E2 Parcel E was owned by Brewer Chemical Corporation in 1944 and used as a bulk sugar storage facility. In 1948, Matson Navigation Co. installed four 10,000-ton steel silos with necessary conveyor system that extended onto E2 Parcel D, weighing scales, and gantry cranes for handling sugar. In 2002, two unrecorded leases were issued to Brewer Environmental Industries, LLC, one from Agribusiness Co., Inc. (assigned to Sparks & Boschetti, LLC) and the other from Mauna Kea Agribusiness Co., Inc. Sparks & Boschetti, LLC became the landowner in 2020.

Section 5 Visual Site Inspections

5.1 Methodology and Limitations

The VSI was conducted by Ms. Arlene Campbell and Mr. John Ellis with E2 on February 16 and 17, 2022, and included a brief survey of visible portions of the adjacent parcels from public access areas. Site photographs are included in Appendix A.

5.2 General Observations on the Subject Property

The subject property consists of five separate parcels located adjacent to the west of Hilo Harbor. Section 5.2.1 through 5.2.5 individually detail the VSI for each of the subject parcels.

5.2.1 E2 Parcel A: AirGas Gaspro, Inc., 525 Kalaniahoale Avenue, TMK (3) 2-1-007: Parcel 005

At the time of the VSI, E2 Parcel A was occupied by AirGas Gaspro, Inc., a provider of compressed gases and compressed-gas containers, tools, equipment, and accessories. Existing structures observed within the 44,518 square foot (ft²) (1.022 acre) parcel consisted of (from north to south) a compressed-gas cylinder storage and filling station (Photo Plates A1 and A2), a covered propane filling station (Photo Plates A1 and A3), and a warehouse/retail space. A large concrete pad, likely associated with former structures, was observed along the east boundary of the parcel (Photo Plate A4). The remainder of the parcel was asphalt-paved with exception to a grass strip along the south boundary. Two large ASTs containing liquid nitrogen and liquid oxygen were located in the north portion of the parcel while a third AST containing liquid propane was located in the center portion (Photo Plates A1 and A5). A liquid oxygen transportation container and its associated trailer were located adjacent to the liquid oxygen and nitrogen ASTs.

The parcel is bound to the northwest by Hilo Harbor, to the southwest by Kumau Street, to the southeast by Kalaniahoale Street, and to the northeast by E2 Parcel B. Access to the parcel is through Kumau Street.

Table 5-1 summarizes the VSI observations made for the identified subject parcel during the VSI.

Table 5-1: Summary of Visual Site Inspection Observations for E2 Parcel A

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
General Description of Current Structures (age, stories, ancillary structures [if any])	✓		<ul style="list-style-type: none"> 8,800 ft² single-story steel and masonry warehouse/retail space built in 1975. 1,450 ft² single-story steel and masonry compressed-gas cylinder storage and filling station built in 1970 (Photo Plates A1 and A2). 250 ft² single-story steel and masonry covered propane filling station (Photo Plates A1 and A3).
Structures (evidence of former)	✓		A large concrete pad associated with a former 4,000 ft ² single-story steel and masonry warehouse built in 1943 was observed along the east boundary of the parcel. Several dry wells were observed through the concrete, allowing stormwater and other runoff to reach the soil beneath the pad (Photo Plate A4).

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Source of Potable Water	✓		The parcel is connected to the city municipal water system at Kumau Street (Photo Plate A6).
Sewage Disposal System	✓		The parcel is connected to the city municipal sewer system.
Power to Subject Property	✓		Power to the parcel is supplied by HELCO at Kumau Street.
Interior and Exterior Observations			
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓		<ul style="list-style-type: none"> A large quantity of compressed-gas cylinders (more than 250 of various sizes were observed throughout the parcel labeled as containing various forms of propane, oxygen, nitrogen, argon, acetylene, carbon dioxide, ethane, helium, hydrogen, methane, propylene, and mixed gases. No evidence of leaks or spills was observed (Photo Plates A7 through A12). Two flammable-material storage cabinets were observed in the warehouse containing diesel exhaust fluid, brake fluid, various motor oils, windshield washer fluid, and other lubricants, hazardous substances, and petroleum products. No evidence of leaks or spills was observed (Photo Plate A13). Soap, degreaser, industrial hand-cleaner, and sanitizer were observed around a utility sink within the warehouse area (Photo Plate A14). A propane-powered forklift was parked in the warehouse area. No evidence of leaks or spills associated with the forklift was observed (Photo Plate A15). Rodent bait stations were observed along the east boundary of the parcel (Photo Plate A16). Creosote, associated with a utility pole, was observed staining concrete and soil around the base of the utility pole immediately adjacent to the parcel along the west boundary (Photo Plate A17) A large liquid propane AST is located in the center portion of the parcel, adjacent to the propane filling station (Photo Plate A1). A large liquid oxygen AST and a large liquid nitrogen AST is located in the north portion of the parcel, adjacent to the east of the compressed-gas cylinder storage and filling station (Photo Plates A1 and A5).
Hazardous Substances and Petroleum Products (Not Necessarily in Connection with Identified Uses)	✓		
Evidence of ASTs	✓		
Evidence of USTs (e.g., fill pipes, vent pipes, concrete patching)	✓		
Drums, Totes, and/or Unidentified Substances Containers	✓		
Odors (strong, pungent, or noxious odors)	✓		
Pools of Liquid (standing water)	✓		
Evidence of polychlorinated biphenyls (PCBs) or likely containing PCBs (e.g., pole-mounted and pad-mounted transformer, electric or hydraulic equipment, fluorescent light ballasts, capacitors)	✓		<ul style="list-style-type: none"> Fluorescent light fixtures were present at the project site. Many fluorescent light fixtures manufactured prior to 1980 may have contained ballasts with PCBs. Since the project site was constructed before 1980, the potential that the ballasts of these fluorescent lights contain PCBs may be a concern. Three pole-mounted transformers were located adjacent to the subject parcel along Kumau Street. HELCO reported a non-PCB status for these transformers (Photo Plate A19).
Heating/Cooling (including fuel source)	✓		
Evidence of Leaks, Spills, or Releases	✓		

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Drains and Sumps	✓		<ul style="list-style-type: none"> A square stormwater drain inlet was observed in the parking area along the west boundary. The discharge point of the stormwater drain is unknown (Photo Plate A20). A curb-cut channel with a metal cover drains stormwater and other runoff to Kumau Street along the north portion of the west boundary (Photo Plate A21).
Unknown feature(s)	✓		
Exterior Observations			
Pits, Ponds, or Lagoons	✓		
Stained Soil or Pavement	✓		De minimis petroleum staining associated with vehicle parking was observed throughout the paved areas of the subject parcel (Photo Plate A24).
Stressed Vegetation (from something other than insufficient water)	✓		Cardboard and commercial waste is collected from two 4 yd ³ slant dumpsters by Business Services Hawaii (Photo Plate A25).
Solid Waste (non-natural fill, trash, construction debris, demolition debris, or other solid waste disposal)	✓		
Waste or Wastewater Discharges (wastewater or other liquid [including storm water] or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property)	✓		
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	✓		
Septic System (on-site septic systems or cesspools)	✓		

5.2.2 E2 Parcel B: 595K LLC, 555 Kalanianaʻole Avenue, TMK (3) 2-1-007; Parcel 004

At the time of the VSI, E2 Parcel B occupied by multiple entities including Ocean Front Kitchen Chinese Food restaurant, Zion's House of Praise Holiness Church, A&A Storage, Service Rentals, a commercial kitchen space, a cardboard recycling service, an office, and defunct industrial equipment and spaces. Existing structures observed within the 44,780 ft² (1.028 acre) parcel consisted of (from north to south) a warehouse/commercial space (Photo Plates B1 through B4), a covered exterior space (Photo Plate B5), a warehouse (Photo Plate B6), retail space (Photo Plate B7), and a commercial space and restaurant (Photo Plate B8). The remainder of the parcel was asphalt-paved with exception to a grass strip along the west boundary. Industrial equipment and facilities including ASTs, a boiler, and juice manufacturing equipment were located within the north warehouse area (Photo Plate B9). Wooden pallets, waste tires, and large appliances were observed stacked in the northwest corner of the parcel (Photo Plates B10 through B13). E2 was unable to access the interior of the retail building containing Zion's House of Praise Holiness Church, the Ocean Front Kitchen Chinese Food restaurant, and the commercial kitchen space within the northern warehouse.

The parcel is bound to the west by E2 Parcel A, to the northwest by Hilo Harbor, to the southeast by Kalanianaʻole Street, and to the northeast by E2 Parcel C. Access to the front of the parcel is via Kalanianaʻole Street and to the back of the parcel is through E2 Parcel C.

Table 5-2 summarizes the VSI observations made for the identified subject parcel during the VSI.
Table 5-2: Summary of Visual Site Inspection Observations for E2 Parcel B

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
General Description of Current Structures (age, stories, ancillary structures (if any))	✓		<ul style="list-style-type: none"> 12,000 ft² single-story steel and masonry warehouse (northern warehouse) built in 1949 (Photo Plates B1 through B4). 1,100 ft² single-story steel and wood shell (Photo Plate B5). 10,368 ft² single-story steel and masonry warehouse (central warehouse) built in 1947 (Photo Plate B6). 1,320 ft² single-story wood frame and masonry retail space built in 1954 (Photo Plate B7). 1,920 ft² single-story steel and masonry warehouse (restaurant/southern warehouse) built in 1954 (Photo Plate B8).
Structures (evidence of former)	✓		A circular cut in asphalt in the north portion of the parcel may indicate a former surface structure or a current or former subsurface structure (Photo Plate B14).
Source of Potable Water		✓	Not observed.
Sewage Disposal System		✓	Not observed.
Power to Subject Property	✓		Power to the parcel is supplied by HELCO via an overhead line across Kalanianaʻole Street to the south of the parcel.
Interior and Exterior Observations			
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓		<ul style="list-style-type: none"> Gasoline- and diesel-powered equipment are stored in the central warehouse including portable generators, a portable air compressor, and a ride-on lawn mower. One of the generators was leaking a petroleum product onto the concrete floor (Photo Plates B15 through B17). A propane-powered forklift is parked in the south portion of the central warehouse (Photo Plate B18). A derelict gasoline or diesel forklift is parked on concrete between the two large warehouses (Photo Plate B19). A derelict propane-powered forklift and an associated lead-acid battery were stored in the northwest corner of the north warehouse (Photo Plate B20). Two lead-acid battery-powered scissor-lifts were stored within the southeast corner of the central warehouse (Photo Plate B21). A natural gas-powered burner, associated with an approximately 1,000-gallon water boiler system was located along the west exterior wall of the north warehouse. The associated natural gas meter and connection were observed in the southwest portion of the parcel, adjacent to the west of the retail space (Photo Plate B22). A lead-acid battery and a 5-gallon bucket of petroleum-based air compressor lubricant were located within the west portion of the north warehouse adjacent to an electric air compressor. The 5-gallon bucket was not properly closed, and secondary containment was not observed (Photo Plate B23). A connection to a natural gas utility line was observed in the southwest corner of the retail building (Photo Plate B24).

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
			<ul style="list-style-type: none"> A waste oil collection pan and its associated 55-gallon polyethylene drum containing waste oil is located in the southeast corner of the parcel, adjacent to the west of the restaurant/southern warehouse. No secondary containment was observed (Photo Plates B8, B25, and B26). Commercial cleaning chemicals and small amounts of household cleaning chemicals and insecticides were located in the north portion of the south warehouse. These chemicals were properly stored. Four paint cans and a single 5-gallon paint bucket were located in the northwest corner of the parcel. The lid of the 5-gallon bucket was cracked. Direct access to the cans and bucket were limited by stacked solid waste (Photo Plate B12). A 1-gallon paint can is stored without a lid between the north and central warehouses (Photo Plate B27). Two 1-gallon containers of anti-freeze and coolant were improperly stored (on side and without cap) between the north and central warehouses (Photo Plate B28).
Hazardous Substances and Petroleum Products (Not Necessarily in Connection with Identified Uses)	✓		
Evidence of ASTs	✓		<ul style="list-style-type: none"> An unlabeled approximately 1,000-gallon AST is located along the west boundary of the parcel between the northern warehouse and a chain-link fence. Evidence of leaks or spills was not observed, however, the area immediately around the AST contained heavy vegetation and was not accessible. The type and amount of the contents within the AST are unknown (Photo Plate B29). An approximately 2,500-gallon unlabeled AST associated with historical food processing activities is located within the north warehouse (Photo Plate B30). An approximately 1,000-gallon water boiler was located within the west portion of the north warehouse (Photo Plate B22). A circular cut in asphalt in the north portion of the parcel may indicate a current or former subsurface structure (Photo Plate B14). A concrete patch or former slab was observed within the northeast portion of the central warehouse (Photo Plate B31). Typical concrete and asphalt patching was observed throughout the remainder of the parcel. A single 55-gallon polyethylene drum and a 35-gallon polyethylene container containing an unknown liquid was located northwest of the northern warehouse. No secondary containment was observed (Photo Plate B32). A 55-gallon polyethylene drum containing waste oil is located in the southeast corner of the parcel, adjacent to the northwest of the restaurant. No secondary containment was observed (Photo Plates B8, B25, and B26).
Evidence of USTs (e.g., fill pipes, vent pipes, concrete patching)	✓		
Drums, Totes, and/or Unidentified Substances Containers	✓		
Odors (strong, pungent, or noxious odors)		✓	
Pools of Liquid (standing water)		✓	
Evidence of PCBs or likely containing PCBs (e.g., pole-mounted and bat-	✓		<ul style="list-style-type: none"> Fluorescent light fixtures are present at the project site. Many fluorescent light fixtures manufactured prior to 1980 may have

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
mounted transformer, electric or hydraulic equipment, fluorescent light ballasts, capacitors)			<ul style="list-style-type: none"> contained ballasts with PCBs. Since the project site was constructed before 1980, the potential that the ballasts of these fluorescent lights contain PCBs may be a concern. Three pole-mounted transformers are located in the northwest corner of the subject parcel. The PCB status of the transformers is unknown (Photo Plate B33).
Heating/Cooling (including fuel source)	✓		<ul style="list-style-type: none"> Small patches of dried spilled paint were observed on asphalt pavement within the north portion of the subject property. The dried paint patches were not associated with road striping (Photo Plate B34).
Evidence of Leaks, Spills, or Releases	✓		
Drains and Sumps	✓		<ul style="list-style-type: none"> Circular concrete patches in the north portion of the parcel could be related to former groundwater monitoring wells or historical environmental investigations (Photo Plate B35) Industrial machinery associated with food production was located in the northwest corner of the north warehouse (Photo Plate B9).
Unknown feature(s)	✓		
Exterior Observations			
Pits, Ponds, or Lagoons	✓		<ul style="list-style-type: none"> <i>De minimis</i> petroleum staining was observed in the parking areas along the south and north boundaries of the parcel. <i>De minimis</i> petroleum staining was observed throughout the north warehouse. Light to moderate petroleum staining associated with portable gasoline- and diesel-powered equipment storage was observed within the central warehouse. A small patch of heavy petroleum staining, possibly associated with historical grease application, was observed beneath and around an electric water pump associated with the water boiler system (Photo Plate B36).
Stained Soil or Pavement	✓		
Stressed Vegetation (from something other than insufficient water)	✓		<ul style="list-style-type: none"> Commercial waste is collected in three 32-gallon plastic trash cans in the north portion of the parcel. It is not known how the waste is removed from the subject parcel (Photo Plate B37). Tires, paint cans, wood, metal, plastic pallets, small appliances, a hot water heater, a washing machine, and demolished polyvinyl chloride (PVC) piping were stored in the northwest corner of the parcel (Photo Plates B10 through B13). A damaged automobile wheel is located west of the retail space along the parcel boundary (Photo Plate B38). Automobile body parts, plastic sheeting, and other miscellaneous plastic wastes are located along the east boundary between the north and central warehouses (Photo Plate B27).
Solid Waste (non-natural fill, trash, construction debris, demolition debris, or other solid waste disposal)	✓		

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Waste or Wastewater Discharges (wastewater or other liquid [including storm water] or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property)	✓		
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	✓		
Septic System (on-site septic systems or cesspools)	✓		

5.2.3 E2 Parcel C: 595K LLC, 595 Kalanianaʻole Avenue, TMK (3) 2-1-007; Parcel 046

At the time of the VSI, E2 Parcel C was occupied by a salvage yard operated by Hilo Auto Sales & Rentals and/or Maikai Auto Body & Paint LLC. Existing structures observed within the 44,780 ft² (1.028 acre) parcel consisted of (from north to south) a warehouse/office (Photo Plates C1 and C2), a canopy/shop (Photo Plate C2), and a garage (Photo Plate C3). Poor condition asphalt pavement covered the south-central portion of the parcel while the remainder of the parcel was unpaved and generally covered with gravel. More than 50 salvaged automobiles and a small boat on a trailer were observed stored throughout the parcel, although generally in the unpaved areas of the parcel. A solid waste stockpile containing metal, wood, large appliances, abandoned electrical equipment, automobile parts, and multiple improperly unlabeled 5-gallon buckets. General housekeeping throughout the site was poor. The northern portion of the parcel was covered by moderate vegetation and was not completely accessible during the VSI. The interior of the garage was inaccessible at the time of the VSI.

The parcel is bound to the west by E2 Parcel B, to the north by Hilo Harbor, to the south by Kalanianaʻole Street, and to the east by Par Hawaii Bulk Fuel Terminal 3. Access to the subject parcel is via Kalanianaʻole Street and access to the north portion of E2 Parcel B is through the subject parcel.

Table 5-3 summarizes the VSI observations made for the identified subject parcel during the VSI.

Table 5-3: Summary of Visual Site Inspection Observations for E2 Parcel C

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
General Description of Current Structures (age, stories, ancillary structures (if any))	✓		<ul style="list-style-type: none"> 2,592 ft² single-story steel and masonry warehouse/office built in 1937 (Photo Plates C1 and C2). 1,013 ft² single-story steel and masonry canopy/shop (Photo Plate C2). 900 ft² single-story steel and masonry garage (Photo Plate C3). 14 ft concrete masonry unit wall runs from west to east across the parcel between the central and south portions.
Structures (evidence of former)		✓	The parcel is connected to the city municipal water system at Kalanianaʻole Street (Photo Plate C4).
Source of Potable Water		✓	The parcel is connected to the city municipal sewer system at Kalanianaʻole Street (Photo Plate C5).
Sewage Disposal System		✓	

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Power to Subject Property	✓		Power to the parcel is supplied by HELCO via an overhead line across Kalanianaʻole Street to the south of the parcel.
Interior and Exterior Observations			
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓		<ul style="list-style-type: none"> More than 50 derelict automobiles were stored on poor condition asphalt pavement or gravel/bare soil throughout the center and south portions of the parcel. Salvaged vehicles contain petroleum products (lubricants, oils, gasoline, diesel) and hazardous substances (lead-acid batteries, washer fluid, refrigerant, and ethylene glycol or other anti-freeze products) (Photo Plates C6 through C15). Automobile parts, including motors, transmissions, fuel tanks, axles, radiators, and lead-acid batteries, were observed scattered throughout the parcel, often stored directly on the ground surface (Photo Plates C13 and C16 through C21). Two aboveground hydraulic lifts were observed within the canopy/shop (Photo Plate C19). A 30-pound compressed-gas cylinder containing refrigerant was observed west of the canopy/shop (Photo Plate C20). Petroleum products and hazardous substances, including motor oils, lubricants and penetrating oils, transmission and other hydraulic fluids, grease, ethylene glycol and other anti-freeze coolants, brake and power steering fluids, fuel additives, industrial degreasers, gasoline, lead-acid batteries, and solvents were observed throughout the canopy/shop and warehouse/office buildings.
Hazardous Substances and Petroleum Products (Not Necessarily in Connection with Identified Uses)		✓	
Evidence of ASTs (e.g., fill pipes, vent pipes, concrete patching)		✓	
Drums, Totes, and/or Unidentified Substances Containers		✓	<ul style="list-style-type: none"> A single unlabeled 55-gallon steel drum was observed laying on its side west of the pad-mounted transformer in the south portion of the parcel. No secondary containment was observed and a direct release to the ground was observed beneath and adjacent to the drum (Photo Plate C22). Two 55-gallon steel drums with illegible labels and a single 55-gallon polyethylene drum without a label were observed between the west boundary of the site and the garage. No secondary containment was observed (Photo Plate C16). A single unlabeled 55-gallon steel drum was observed in the center portion of the parcel, west of the canopy/shop. No secondary containment was observed (Photo Plate C20). Two unlabeled 55-gallon steel drums were observed within the canopy/shop. No secondary containment was observed (Photo Plate C21).
Odors (strong, pungent, or noxious odors)		✓	
Pools of Liquid (standing water)		✓	

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Evidence of PCBs or likely containing PCBs (e.g., pole-mounted and pad-mounted transformer, electric or hydraulic equipment, fluorescent light ballasts, capacitors)	✓		<ul style="list-style-type: none"> A pad-mounted transformer numbered 48295 inside of vault 3T1006 was located in the south portion of the parcel. The transformer was labeled "No PCBs". No evidence of leaks or spill was observed around the transformer or the concrete pad (Photo Plate C23). Three pole-mounted transformers, two of which were numbered 28011 and 28013 and one of which had an illegible number, were located immediately adjacent to the parcel on the boundary of two adjacent parcels to the northwest (TMK: 2-1-007:051 & 052). The transformers are painted black, and their PCB status is unknown. No evidence of leaks or spills was observed (Photo Plate C24).
Heating/Cooling (including fuel source)	✓		
Evidence of Leaks, Spills, or Releases		✓	<ul style="list-style-type: none"> A direct release of an unknown petroleum product was observed beneath and adjacent to a single unlabeled 55-gallon steel drum west of the pad-mounted transformer in the south portion of the parcel (Photo Plate C24). Evidence of leaks and spills relating to the storage of salvage automobiles and automobile parts, including motors, transmissions, fuel tanks, axles, radiators, and lead-acid batteries, was observed throughout the center and south portions of the site (Photo Plates C24 through C26). In general, petroleum products and hazardous substances throughout the parcel were stored improperly and without secondary containment. Several <i>de minimis</i> leaks and spills to furniture, flooring, and the ground surface were observed.
Drains and Sumps	✓		
Unknown feature(s)	✓		
Exterior Observations			
Pits, Ponds, or Lagoons	✓		
Stained Soil or Pavement	✓		<ul style="list-style-type: none"> Stained soil and pavement relating to leaks and spills associated with the storage of salvage automobiles and automobile parts, including motors, transmissions, fuel tanks, axles, radiators, and lead-acid batteries, was observed throughout the center and south portions of the site (Photo Plates C24 through C26).
Stressed Vegetation (from something other than insufficient water)	✓		
Solid Waste (non-natural fill, trash, construction debris, demolition debris, or other solid waste disposal)	✓		<ul style="list-style-type: none"> More than 50 derelict automobiles were stored on poor condition asphalt pavement or gravel/bare soil throughout the center and south portions of the parcel (Photo Plates C6 through C14). Several stockpiles containing a total of more than 50 used tires were located in various locations around the parcel (Photo Plates C22 and C23). Several small stockpiles of solid waste, including plastic bottles, plastic trash bags and wrappers, aluminum cans, and other municipal wastes was observed throughout the parcel. (Photo Plate C17)

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Waste or Wastewater Discharges (wastewater or other liquid [including storm water] or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property)		✓	<ul style="list-style-type: none"> A stockpile of green waste and gravel was observed in the north portion of the subject parcel. Pieces of solid waste were observed within and around the stockpile (Photo Plate C27). A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel. A super-sack was also observed within the stockpile but was not accessible (Photo Plates C28 through C31).
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)		✓	
Septic System (on-site septic systems or cesspools)		✓	

5.2.4 E2 Parcel D: Sparks & Boschetti, 60 Kuhio Street, TMK (3) 2-1-009: Parcel 004

At the time of the VSI, E2 Parcel D was occupied by multiple occupants including (from west to east) Keoki's Auto Repair (Photo Plate D1), Hoppa-On Hoppa-Off Bus, Conen's Freight Transportation Inc., Westside Audio Hilo, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC. Ten structures were observed throughout the 241,998 ft² (5.5555 acre) parcel including a retail store, three carports, a wood and metal shed (Photo Plate D2), the former Pacific Guano & Fertilizer (PG&F) machine shop, the former PG&F plant (Photo Plates D3 through D8), the former PG&F bag house (Photo Plate D8), two former chemical warehouses, and an office. Areas of the parcel surface were inaccessible due to vehicle, equipment, material, solid waste storage, or moderate to heavy vegetation. The interiors of shipping containers were also not accessible during the VSI.

Commercial and solid waste is collected in a single 4 yd³ dumpster that is serviced by Leo's Rubbish Service. The parcels bound to the north by Hilo Harbor, to the northeast by E2 Parcel E, to the east by Kahau Street, to the south by Kalaniana'ole Street, and to the west by a State of Hawaii owned parcel (TMK: 2-1-009:031) and Kuhio Street. Access to the parcel is through Kuhio Street and Kalaniana'ole Street.

Table 5-4 summarizes the VSI observations made for the identified subject parcel during the VSI.

Table 5-4: Summary of Visual Site Inspection Observations for E2 Parcel D

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
General Description of Current Structures (age, stories, ancillary structures [if any])	✓		<ul style="list-style-type: none"> 1,058 ft² masonry and wood frame retail store, built in 1946. 4,750 ft² masonry and steel warehouse, built in 1938. 62,384 ft² masonry and steel former PG&F Plant, built in 1928 (Photo Plates D3 through D8). 4,980 ft² masonry and steel former PG&F Bag Warehouse, built in 1948 (Photo Plate D8).

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Structures (evidence of former)	✓		<ul style="list-style-type: none"> 6,250 ft² masonry and steel former PG&F Chemical Warehouse (CW), built in 1957. 3,360 ft² masonry and steel former PG&F Chemical Warehouse 2 (CW2), built in 1957. 1,886 ft² masonry office building, built in 1957. 1,296 ft² carport, built in 1946. 1,080 ft² carport, built in 1946. 1,200 ft² carport, built in 2008. <p><i>Former PG&F Plant</i></p> <ul style="list-style-type: none"> Walls and support columns associated with a partially demolished portion of the former PG&F plant were observed southeast of the remaining former PG&F plant (Photo Plate D8). A concrete foundation associated with a demolished portion of the former PG&F plant was observed north of the remaining former PG&F plant. Concrete structures, likely associated with the former PG&F Plant, were located north of the former PG&F Plant along the north parcel boundary. Concrete columns and a concrete foundation associated with a demolished portion of the former PG&F Plant were observed north of the former PG&F Plant. Municipal connection observed along Kalanianaʻole Street. Municipal connection observed along Kalanianaʻole Street (Photo Plate D9). Power is supplied by HELCO via multiple overhead lines across Kalanianaʻole Street to the south or from Kūhio Street to the west.
			Interior and Exterior Observations
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓		<p><i>Carports 1 through 3</i></p> <ul style="list-style-type: none"> A large petroleum-powered forklift is stored south of Carport 1 (Photo Plate D10). A petroleum-powered forklift is stored under Carport 3 (Photo Plate D11). Multiple 55-gallon drums of petroleum products and hazardous substances are stored within Carport 3 (Photo Plate D12). Multiple small containers of petroleum products and hazardous substances are stored within Carport 3 (Photo Plate D13). <p><i>Chemical House</i></p> <ul style="list-style-type: none"> Petroleum products and hazardous substances were stored within and around the Chemical House (Photo Plates D14 through D16). Three aboveground vehicle lifts are within Keokli's Auto Repair (Photo Plates D17 through D19). Automobile parts stored within and around Keokli's Auto Repair (Photo Plates D20 through D23). A derelict forklift, derelict truck, and automobile parts are stored north of the Chemical House (Photo Plate D24). A derelict tractor and forklift is stored north of the Chemical House (Photo Plate D25). Derelict equipment is stored north of the Chemical House (Photo Plate D26).

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Hazardous Substances and Petroleum Products in Connection with Identified Uses			<ul style="list-style-type: none"> A gas tank and other automobile parts stored outside of Keokli's Auto Repair (Photo Plate D27). A 500-gallon AST containing petroleum (Photo Plate D28 and D29). Compressed-gas cylinders (Photo Plate D28). A 55-gallon capacity solvent-based parts washer (Photo Plate D30). A gasoline-powered forklift (Photo Plate D31). Petroleum products, hazardous substances, lead-acid batteries, and automobile parts are stored within Chemical House 2 (Photo Plate D32). Petroleum staining on concrete and a lead-acid battery within Chemical House 2 (Photo Plate D33). Multiple 55-gallon drums, small containers of petroleum products and hazardous substances, a lead-acid battery, and a portable AST are stored north of Chemical House 2 (Photo Plate D34 and D35). A 55-gallon drum of petroleum products is stored between the Office and Chemical House 2 (Photo Plate D36). A 55-gallon drum of used coolant and an automobile motor stored north of Chemical House 2 (Photo Plate D37). A derelict gasoline-powered forklift stored east of Chemical House 2 (Photo Plate D38). A gasoline-powered forklift and a lead-acid battery stored east of Chemical House 2 (Photo Plate D39). A lead-acid battery used as a tie-down north of Chemical House 2 (Photo Plate D40). A propane AST east of Chemical House 2 (Photo Plate D41). Multiple 55-gallon drums of petroleum products are stored north of Chemical House 2 (Photo Plate D42). Petroleum products, hazardous substances, a lead-acid battery, and automobile parts are stored north of Chemical House 2 (Photo Plate D43). <p><i>Office</i></p> <ul style="list-style-type: none"> A propane AST west of the Office (Photo Plate D44). <p><i>Former PG&F Bag House</i></p> <ul style="list-style-type: none"> An automobile repair shop occupies the former PG&F Bag House. Petroleum products and hazardous substances observed include oils, lubricants, gasoline, diesel, hydraulic fluids (transmission, brake, power steering, etc.), coolants, paints, commercial and industrial grade cleaners and degreasers, compressed-gas cylinders (nitrogen), and solvents (Photo Plate D45 through D49). Approximately 50 salvage vehicles were stored to the north and east of the former PG&F Bag House. Petroleum products and hazardous substances associated with stored salvage vehicles include oils, gasoline, diesel, hydraulic fluids, coolants, lubricants, solvents, and refrigerants (Photo Plates D50 through D54).

Feature	Observed? Yes No	Comment, Location and/or Description
Hazardous Substances and Petroleum Products in Connection with Identified Uses		<ul style="list-style-type: none"> • Automobile motors, transmissions, radiators, lead-acid batteries, and gasoline tanks were stored (unattached) within and around the former PG&F Bag House (Photo Plate D46 and D55). • Three hydraulic rotary vehicle lifts, each with a 2.5-gallon hydraulic fluid tank (Photo Plate D56 and D57). • Six 55-gallon drums containing petroleum products and hazardous substances, a solvent-based parts washer, and automobile parts within the former PG&F Bag House. Heavy petroleum staining on the concrete floor (Photo Plate D58). • A gasoline-powered forklift was parked north of the former PG&F Bag House (Photo Plate D59). • A gasoline tank and automobile parts are stored north of the former PG&F Bag House (Photo Plate D60). • Automobile parts are stored north and east of the former PG&F Bag House (Photo Plate D61 through D63). <p><u>Former PG&F Plant</u></p> <ul style="list-style-type: none"> • Over 150 5-gallon buckets of Dryvit® dirt pick-up resistant acrylic-based coating were stored on wood pallets (Photo Plate 64). • Petroleum products and hazardous substances were stored within and around the former PG&F Plant (Photo Plates D65 through D74). • Gasoline- or diesel-powered equipment, including three boats, multiple forklifts, and a floor sweeper were parked or in active use (Photo Plate D65, D69, D70, and D75). • A portable diesel AST stored within the former PG&F Plant (Photo Plate D76). • A propane-powered forklift (Photo Plate D67). • Two 55-gallon drums of unknown contents and hazardous substances associated with boat body repair (Photo Plate D77). • Two large chlorine tanks and several compressed-gas cylinders stored within the former PG&F Plant (Photo Plate D78). • A 3-gallon drum of unknown contents stored within the demolished portion of the former PG&F Plant (Photo Plate D79). • A derelict petroleum-powered generator is stored south of the former PG&F Plant (Photo Plate D80). • A derelict propane-powered forklift is stored south of the former PG&F Plant (Photo Plate D81). • A large truck frame and automobile parts are stored south of the former PG&F Plant (Photo Plate D82). • A portable diesel fuel AST is stored south of the former PG&F Plant (Photo Plates D83 and D84). • A propane-powered forklift and automobile parts stored south of the former PG&F Plant (Photo Plate D85). • A3-gallon sprayer of unknown contents is along the southwest corner of the PG&F Plant (Photo Plate D86).

Feature	Observed? Yes No	Comment, Location and/or Description
Hazardous Substances and Petroleum Products in Connection with Identified Uses		<p><u>Warehouse</u></p> <ul style="list-style-type: none"> • Derelict industrial and commercial equipment, including large truck parts, stored north of the former PG&F Plant (Photo Plate D87). • A 5-gallon container of solvent stored west of the Warehouse (Photo Plate D88). • A derelict propane-powered forklift and derelict vehicles stored on bare soil west of the Warehouse (Photo Plate D89). • A derelict lawnmower and automobile parts south of the Warehouse (Photo Plate D90). • A portable AST, a smaller tank, two derelict forklifts, and automobile parts are stored east of the Warehouse (Photo Plate D91). • Derelict vehicles stored west of the Warehouse (Photo Plate D92). • Petroleum-powered equipment was stored between the Warehouse and the Store (Photo Plate D93). • Vehicle storage, petroleum-powered equipment storage, and a 6-yd³ silt dumpster north of the Warehouse and east of the Store (Photo Plate D94). <p>Hazardous Substances and Petroleum Products (Not Necessarily in Connection with Identified Uses)</p> <p>Evidence of ASTs</p> <ul style="list-style-type: none"> • A 500-gallon AST containing petroleum product was stored within Chemical House 2 (Photo Plate D28 and D29). Evidence of leaks and/or spills was observed around the AST. • An unlabeled portable AST was stored north of the former PG&F Plant (Photo Plate D95). The tank was empty at the time of the VSI. • A propane AST was stored east of the Warehouse (Photo Plate D91). • Three portable diesel fuel ASTs were stored within and around the former PG&F Plant and Chemical House 2 (Photo Plates D34, D35, D76, D83, and D84). • A propane AST is east of Chemical House 2 (Photo Plate D41). • A propane AST is west of the Office (Photo Plate D44). <p>Evidence of USTs (e.g., fill pipes, vent pipes, concrete patching)</p> <ul style="list-style-type: none"> • Concrete and asphalt patching were observed throughout the subject parcel (Photo Plates D96 and D97). • An oil-water interceptor manhole was located between the Office and Chemical House 2 (Photo Plate D98). <p><u>Corporals 1 through 3</u></p> <ul style="list-style-type: none"> • Multiple 55-gallon drums of petroleum products and hazardous substances are stored within Carport 3 (Photo Plate D12 and D13). <p><u>Chemical House 2</u></p> <ul style="list-style-type: none"> • A 55-gallon capacity solvent-based parts washer (Photo Plate D30). • A 55-gallon drum of petroleum products is stored between the Office and Chemical House 2 (Photo Plate D36).

Feature	Observed? Yes No	Comment, Location and/or Description
Drums, Totes, and/or Unidentified Substances Containers		<ul style="list-style-type: none"> A 55-gallon drum of used coolant and an automobile motor stored north of Chemical House 2 (Photo Plate D37). Multiple 55-gallon drums of petroleum products and hazardous substances stored north of Chemical House 2 (Photo Plate D34, D35, and D42). <p><u>Former PG&F Plant</u></p> <ul style="list-style-type: none"> A single rusty 30-gallon steel drum was located in the southeast demolished portion of the former PG&F plant without a cover or secondary containment. The label was illegible (Photo Plate D79). At least 30 55-gallon steel and polyethylene drums labeled as formerly containing petroleum products and/or hazardous substances are located north of the former PG&F Plant and now contain plastic, glass, and aluminum recyclable containers (Photo Plate D99). Multiple 55-gallon drums of unknown contents stored within the west portion of the former PG&F Plant (Photo Plate D100). Three 55-gallon drum of unknown contents within the boat body shop unit (Photo Plates D67 and D77). Six 55-gallon drums of unknown contents are stored south of the former PG&F Plant (Photo Plate D74). <p><u>Former PG&F Bag House</u></p> <ul style="list-style-type: none"> A single 5-gallon drum of petroleum product and smaller containers of hazardous substances (Photo Plate D45). Six 55-gallon drums was observed within and around the former PG&F bag house including three drums of transmission fluid, one drum of motor oil, and three unlabeled drums. Secondary containment was observed for only three of the drums. Several of the drums were improperly stored and multiple spills and leaks were observed (Photo Plate D58). Two 55-gallon drums of motor and gear oil were stored open and without secondary containment on a wooden pallet with heavy petroleum staining (Photo Plate D49).
Odors (strong, pungent, or noxious odors)	✓	
Pools of liquid (standing water)	✓	
Evidence PCBs or likely containing PCBs (e.g., pole-mounted and pad-mounted transformer, electric or hydraulic equipment, fluorescent light ballasts, capacitors)	✓	<ul style="list-style-type: none"> Derelict electrical equipment cabinets are stored within the former PG&F Plant (Photo Plate D101). Nine pole-mounted transformers along the west boundary of the subject parcel. An information request submitted to HELCO went unanswered and the PCB status of these transformers is unknown (Photo Plates D102 through D104).
Heating/Cooling (including fuel source)	✓	
Evidence of Leaks, Spills, or Releases		<ul style="list-style-type: none"> Petroleum product had leaked to bare soil from two 55-gallon drums east of the former PG&F Bag House (Photo Plate D49). Heavy petroleum staining was observed on concrete around six 55-gallon drums, three 5-gallon containers, and a solvent-based parts washer in the northeast corner of the former PG&F bag house (Photo Plate D58). Only one of the drums was stored closed and with secondary containment.

Feature	Observed? Yes No	Comment, Location and/or Description
Evidence of Leaks, Spills, or Releases		<ul style="list-style-type: none"> Petroleum product had leaked from an automobile within Keok's Auto Repair (Photo Plate D23). Petroleum product had been spilled around multiple 55-gallon drums within Carport 3 (Photo Plates D12 and D42). Petroleum product had been spilled around multiple 55-gallon drums within and around Chemical House 2 (Photo Plates D29 and D33). A heavy continuous sheen was observed on stormwater runoff within the subject property (Photo Plates D105 and D106).
Drains and Sumps	✓	<ul style="list-style-type: none"> Concrete patching observed in the southeast demolished portion of the PG&F Plant appear to be associated with a former drainage system. Water drainage channels, not associated with any other feature (gutters, air conditioners, discharge pipes, etc.), was observed in front of unit 5 of the east portion of the former PG&F Plant. A French drain was observed north of the former PG&F Plant. A portion of the drain was submerged with a light to moderate continuous petroleum sheen was observed on the water. An excavator, a dual-axle trailer, and a flatbed truck were parked around and/or over the French drain (Photo Plates D90 and D107).
Unknown feature(s)	✓	
Exterior Observations		
Pits, Ponds, or Lagoons	✓	Ponding was observed in multiple locations within the subject parcel (Photo Plates D1, D105, D106, D108, and D109). A heavy continuous petroleum sheen was seen in stormwater runoff and ponding during the VSI.
Stained Soil or Pavement	✓	Stained soil and pavement were observed in multiple areas throughout the subject property (Photo Plates D12, D23, D29, D33, D42, D49, D58, D110 through D115).
Stressed Vegetation (from something other than insufficient water)	✓	Several patches of bare soil were observed east of the former PG&F bag house in an otherwise heavily vegetated area. Petroleum staining was observed within these patches.
Solid Waste (non-natural fill, trash, construction debris, demolition debris, or other solid waste disposal)	✓	Solid waste, including but not limited to automobile parts, construction and demolition debris, derelict vehicles, derelict industrial and commercial equipment, municipal waste, green waste, lead-acid batteries, and tires was stored throughout all areas of the subject parcel (Photo Plates D2, D5, D10, D19 through D21, D23 through D27, D32, D36 through D38, D40, D46, D48, D50 through D55, D57, D58, D60 through D63, D80 through D82, D85, D87, D89 through D92, D94, D96, D97, D99, and D116 through D130).
Waste or Wastewater Discharges (wastewater or other liquid [including storm water] or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property)	✓	<ul style="list-style-type: none"> Stormwater and other water runoff was observed within potholes and a French drain north of the former PG&F Plant. A heavy continuous petroleum sheen was observed on these waters. A stainless-steel sink located on the northwest corner of the former PG&F Plant drains directly to the ground (Photo Plate D131). A porcelain sink located on the southwest corner of the former PG&F Plant drains directly to the ground (Photo Plate D86).

Feature	Observed? Yes No	Comment, Location and/or Description
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	✓	UIC injection well 1253-1 was observed open along the north of the former PG&F Plant along the north parcel boundary (Photo Plate D132).
Septic System (on-site septic systems or cesspools)	✓	A portable chemical toilet was located adjacent to Keoki's Auto Repair (Photo Plate D20).

5.2.5 E2 Parcel E: Sparks & Boschetti, No Associated Address, TMK (3) 2-1-009: Parcel 003

At the time of the VSI, E2 Parcel E was occupied by Conen's Freight Transportation, Inc., a provider of general freight trucking, truck transportation, and warehouse services. The only existing structure observed within the 32,218 ft² (0.7396 acre) parcel consisted of a 19,072 ft² masonry and steel structure used formerly as a bulk sugar storage and conveyance facility (Photo Plate E1). The parcel is currently used as a storage area consisting of trucks, vehicles and vehicle parts, large appliances, shipping containers, petroleum products, hazardous substances, building materials, industrial machinery, and solid waste. Large cutouts, likely associated with former sugar storage and conveyance activities, within the concrete foundation were covered with heavy metal plates and were inaccessible during the VSI (Photo Plates E2 through E6). The interior of shipping containers within the structure were also inaccessible during the VSI. The remainder of the parcel was used as a salvage vehicle storage area to the east of the structure and was inaccessible during the VSI due to heavy vegetation and stored salvage vehicles.

The parcel is bound to the north by Hilo Harbor, to the west and south by E2 Parcel D, and to the east by Kahau Street. Access to the parcel is through E2 Parcel D to the south and west.

Table 5-5 summarizes the VSI observations made for the identified subject parcel during the VSI.

Table 5-5: Summary of Visual Site Inspection Observations for E2 Parcel E

Feature	Observed? Yes No	Comment, Location and/or Description
General Description of Current Structures (age, stories, ancillary structures (if any))	✓	19,072 ft ² single-story steel and masonry former sugarcane processing facility built in 1965. Underground features were observed within the building but were inaccessible during the VSI. A conveyor belt was observed but inaccessible in the rafters of the building (Photo Plate 1)
Structures (evidence of former)	✓	
Source of Potable Water	✓	
Sewage Disposal System	✓	
Power to Subject Property	✓	Power is supplied by HELCO via an overhead line through E2 Parcel D to the south.

Feature	Observed? Yes No	Comment, Location and/or Description
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓	<p>Petroleum products and hazardous substances were stored, often improperly, in 5-gallon buckets or smaller containers within the structure including, but not limited to, asphalt cold patch, asphalt sealer and dampproofer, weathered membrane cleaner, sealants, lubricants, silicone/caulk, xylene, toluene, acetone, muriatic acid, other solvents, primers and paints, a K-class fire extinguisher, gasoline, diesel, tar, resin primer, polyurethane elastomeric waterproof deck coating, polyurethane elastomeric traffic coating, and splice wash (Photo Plates E7 through E11).</p> <ul style="list-style-type: none"> An approximately 5,000-gallon fuel delivery truck was stored in the northeast corner of the structure. No secondary containment, spills, or leaks were observed (Photo Plate E12). A 2-stroke gasoline-powered pump was observed stored in the northeast corner of the structure. No spills or leaks were observed (Photo Plate E13). Approximately 50 salvage vehicles were stored within or on the boundary of the parcel to the east, south, and west of the structure. A majority of the salvage vehicles were inaccessible due to heavy vegetation and lack of a safe pathway. It is likely that petroleum products and hazardous substances are present in and/or around the salvage vehicles including, but not limited to, oil, gasoline, diesel, hydraulic fluids, coolants, lead-acid and/or other batteries, and other lubricants (Photo Plates E14 through E21). <p>Greater than 50 containers of unknown contents (no label, illegible label, or inaccessible) within 5-gallon buckets or smaller, were observed throughout the structure interior. Spills and or leaks, were generally not observed around these containers (Photo Plates E7 through E11).</p>
Evidence of ASTs	✓	Two approximately 500-gallon tanks were stored within the center portion of the structure. One tank was damaged and neither tank was labeled. The nature of the tank contents is unknown. No secondary containment, spills, or leaks were observed around the two tanks (Photo Plate E22).
Evidence of USTs (e.g., fill pipes, vent pipes, concrete patching)	✓	At least four 30-gallon steel drums of unknown contents were inaccessible but visible in the northwest corner of the structure. Evidence of spills was observed on one of the drums. Secondary containment was not observed (Photo Plate E9).
Drums, Totes, and/or Unidentified Substances Containers	✓	
Odors (strong, pungent, or noxious odors)	✓	
Pools of Liquid (standing water)	✓	
Evidence PCBs or likely containing PCBs (e.g., pole-mounted and pad-mounted transformer, electric or hydraulic equipment, fluorescent light ballasts, capacitors)	✓	
Heating/Cooling (including fuel source)	✓	

Feature	Observed?		Comment, Location and/or Description
	Yes	No	
Evidence of Leaks, Spills, or Releases	✓		
Drains and Sumps	✓		
Unknown Feature(s)	✓		
Exterior Observations			
Pits, Ponds, or Lagoons	✓		
Stained Soil or Pavement	✓		<ul style="list-style-type: none"> Moderate petroleum staining associated with vehicle parking and storage was observed west and south of the structure (Photo Plates E23 and E24). Patches of moderate to heavy petroleum staining associated with vehicle, truck, and industrial equipment storage was observed throughout the structure interior (Photo Plates E25 through E27).
Stressed Vegetation (from something other than insufficient water)	✓		<ul style="list-style-type: none"> Solid waste was stored along the west wall of the structure and included tires, vehicle parts, metal, plastic, C&D debris, and other municipal waste (Photo Plates E28 and E29). Solid waste was stored throughout the interior of the structure and included vehicle parts, salvage vehicles and trucks, large appliances, wood, C&D debris, tires, and salvage industrial equipment.
Waste or Wastewater Discharges (wastewater or other liquid [including storm water] or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property)	✓		
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	✓		
Septic System (on-site septic systems or cesspools)	✓		

5.3 Adjacent Property Observations

The adjacent properties were inspected for PECs (e.g., conditions observed near or adjacent to the subject property that could potentially affect the subject property). Only the following were identified:

E2 Parcel A:

- Three pole-mounted transformers, numbered 45981, 45982, and 45987, are located immediately adjacent to the west along Kumau Street. HELCO confirmed in 2018 that these are PCB free. No evidence of spills or leak was observed.
- Four curb-cut stormwater drain inlets are located on the east and west side of Kumau Street and adjacent to the parcel. The southernmost stormwater drain inlet was partially protected from debris and contaminants with a damaged BMP associated with ongoing road improvements.

- A single curb-cut stormwater drain inlet is located on the north side of Kalaniana'ole Street and adjacent to the parcel. BMPs associated with ongoing road improvements were observed nearby, but not in place.

- A HELCO fuel oil pipeline warning sign was located within the sidewalk adjacent to the parcel along Kalaniana'ole Street. The sign did not indicate an offset or any other location information regarding the pipeline (Photo Plate A18).

E2 Parcel B:

- A single pole-mounted transformer, numbered 49773 (center number was illegible), was located immediately adjacent to the parcel within the adjacent parcel to the north (TMK: 2-1-007:052). The PCB history and current status of this transformer is unknown. No evidence of spills or leak was observed.
- Three pole-mounted transformers, two of which were numbered 28011 and 28013 and one of which had an illegible number, were located immediately adjacent to the parcel on the boundary of two adjacent parcels to the northeast (TMK: (3) 2-1-007:051 and 052). The transformers are painted black, and their PCB status is unknown. No evidence of leaks or spills was observed.

- A square stormwater drain inlet is located adjacent to the parcel to the south of the south warehouse.

- Filter sock BMPs were observed on the adjacent parcel to the north (TMK: 2-1-007:052) along the boundary with the subject parcel. The BMPs were not well maintained and were generally in poor condition.

E2 Parcel C

- Four large unlabeled and poor condition ASTs were observed within a secondary containment basin in the north portion of the adjacent parcel to the east (TMK: 2-1-007:047). One of the ASTs was labeled "Out of Service" and black staining was observed within the secondary containment basin (Photo Plates C34 and C35).

- A bulk fuel terminal was observed in the south portion of the aforementioned adjacent parcel (Photo Plate C36).

- Filter sock BMPs were observed on the adjacent parcel to the north (TMK: 2-1-007:051) along the boundary with the subject parcel. The BMPs were not well maintained and were generally in poor condition.

Section 6 Interviews

6.1 Interviewed Parties

E2 interviewed the following people listed in Table 6-1 regarding the past and current use and activities on the subject and adjacent properties.

Table 6-1: Interviewed Parties

Name	Affiliation	Role
Mr. Jeff Hood	Harbor District Manager for the HDOT-Harbors Hawaii District	User Representative
Ms. Marian Dean	Environmental Health Specialist for the HDOH CWB	Local Government Agency File Review
Ms. Rosa lu	Public Records Contact for the HDOH HEER Office	Local Government Agency File Review
Ms. Amy Susana Liana	Office Assistant for the HDOH SHWB	Local Government Agency File Review
Mr. Thomas Likeliks	Program Manager for the HDOH IRHB	Local Government Agency File Review
Mr. Zhaohui Wang	Environmental Engineer for the HDOH SDWB	Local Government Agency File Review
Ms. Lori Morikami	Planner for the Planning & Design Section for the HDOH WWB	Local Government Agency File Review
Mr. Jonas Burgon	Engineer Technician for the DLNR CWRM	Local Government Agency File Review

6.2 Interview Findings

Additional information obtained during interviews is included in the pertinent sections of this report.

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Section 7 Findings and Opinions

Table 7-1 provides a summary of the Phase I ESA findings and identified environmental conditions.

Table 7-1: Findings and Opinions

Findings	Determination			
	REC	CREC	HREC	PEC
<p>All Subject Properties</p> <p>Lead in Soil: There are two main sources of lead in soils: the past use of LBP, and the past use of leaded gasoline. The use of lead in house paint was banned by 1978 but it still exists in the interior and/or exterior paint of many older buildings in Hawaii. Soil around the perimeter of buildings can become contaminated with lead as paint chips off of exterior walls and falls to the ground. In addition, some types of older roofing nails can contain lead. Similar to the paint chips, lead can be leached from the nails that have fallen to the ground and contaminate the soil. Elevated levels of lead in soil can also be related to the past use of lead in gasoline. Although lead in gasoline was phased out starting in the 1970s and completely banned in 1995, decades of leaded gasoline use often contaminated soils adjacent to highways and roads with lead. Lead does not degrade in soils but can be dispersed through natural or human soil disturbances over time or could be transported by erosion to adjacent areas. It is possible that lead is present in subject property soils.</p> <p>Arsenic in Soil: The main source of the elevated levels of arsenic predominantly found along building foundations was likely the use of arsenic-based herbicides, insecticides, and/or rodenticides in the 1920s through 1940s. These chemicals may have also been used along fence lines, property lines, roadways and railroad tracks for weed control during that same time period. It is possible that arsenic is present in subject property soils. Bagasse, a byproduct of sugarcane, was used to produce cane at a plant at Waiakea (now occupied by Waiakea Villas), adjoining Waioa Pond. In order to produce cane, wallboard the bagasse was mixed with hydrated lime, caustic soda, soda ash, and similar chemicals to digest fibrous portions of the trash. It was treated with inorganic arsenic compounds to discourage mildew and insects. As was disclosed to the public in 1973, the cane plant had discharged approximately 3.5 million gallons per day of wastewater containing arsenic, hydrated lime, hydrosulfate, ethyl silicate, hydrosulfate, calcium, arsenate, and arsenic acid into the Waioa estuary for 29 years. Arsenic concentrations in the sediments of Hilo Bay have been found to be as high as 6.370 parts per million. Arsenic-impacted dredge fill was used to repair tsunami damage to the harbor area in 1946. It is possible that arsenic is present in subject property soils.</p> <p>Herbicides, Insecticides, and/or Rodenticides: In Hawaii, it was common practice to treat beneath and/or around building structures with pesticides for rodents, termites, and weed control. It is possible that residual levels of pesticides, herbicides, and/or termiticides are present in the soil beneath and in the vicinity of the former structures at the site. Pesticide impacted soils are soils that were legally treated with organochlorine termiticides (pesticides used to control termites, such as chlordane, aldrin, dieldrin, heptachlor, and dichlorodiphenylchloroethane [DDT]). In the 1970s and 1980s, the EPA banned all uses of these organochlorine pesticides (OCPs) except for heptachlor, which can only be used today to control fire ants in underground power transformers (DDT) with the highest concentrations in soil are typically found in the top 1 to 2 ft of soil and up to 1 to 3 ft away from the building perimeter. These chemicals may persist years after application and pose risks to human health and the environment if the buildings/structures are removed and soils are exposed/disturbed. It is possible that pesticides are present in site soils.</p>				✓

Findings	Determination			
	REC	CREC	HREC	PEC
Asbestos-cement piping may have been used in the potable water distribution systems, sanitary sewer, and storm drains built prior to the 1980s. Over time the gradual degradation of the piping in the form of corrosion (i.e., internal calcium leaching due to conveyed water and/or external leaching due to groundwater) can occur. The crushing of asbestos-cement pipe with mechanical equipment causes this material to become a regulated ACM.				✓
EDR identified five RUDS sites within 1-mile of the subject property (General Lyman Field, Marine Storage, Marine Corps Supply Services, Hoolulu Park Camp, and Naval Reserve Training Center). It is not known if activities conducted at these facilities have resulted in releases that have impacted the subject property.				✓
EDR identified 15 unmappable sites. Unmappable sites cannot be plotted due to inaccurate or missing information in the environmental database record provided by its applicable agency. It is not known if releases from the activities conducted on the unmappable sites have impacted the subject property.				✓
A fuel pipeline that runs along the north side of Kalanianaʻole Avenue broke near the golf course approximately 7/2-mile west of the site. The release was estimated to have occurred 25 years ago and affected a "large area." Regulatory records and remediation documentation were not available for review for this specific event; however, Tesoro sent a letter to HDOH/HEER Office requesting an NFA for a Release Response Report for a fuel oil release from a pipeline that was completed on January 26, 2000. No further documentation was available. It is likely that this fuel oil release is associated with pipeline release near the golf course located approximately 1/2-mile west of the subject property. It is unknown if the release has impacted the subject property area.				✓
The industrial nature of the harbor includes historical and current transport of a variety of hazardous substances such as crude oil, refined petroleum products, natural gas, and molasses through underground pipelines and storage within large capacity AS1s throughout the harbor area. Petroleum product transport and storage within the harbor area is considered to be a REC as they pose a material threat of release to the subject property.				✓
The industrial nature of the harbor includes the use of railroad tracks throughout the harbor area for almost 70 years in order to move goods. The type and extent of contamination along rail corridors fall into two general categories: residual contamination that may be found along any stretch of corridor and contamination associated with industrial uses alongside it. Potential contaminants and sources may include creosote from railroad ties; coal ash and cinder containing lead and arsenic; spilled or leaked hazardous substances such as oil, gasoline, cleaning solvents, etc.; herbicides; fossil fuel combustion products (PAHs); oil from transformers and capacitors; and metals. It is not known if releases from the maintenance, use, and transport of hazardous materials or petroleum products have impacted the subject properties.				✓
E2 Parcel A: 525 Kalanianaʻole Street, TMK: (1) 2-1-007: Parcel 005 (Subject Property)				
E2 Parcel A was not developed until 1943, when a storage warehouse was constructed on the property. The land was originally part of the Hilo Rice Mill Co. until it was sold to The BOC Group, Inc., formerly known as Hawaiian Gas Products in the 1940s. Hawaiian Gas Products went through several ownership changes including Gaspro, Airco Inc., and AirGas Gaspro. In 1958 Gaspro partnered with Anchem Products to produce herbicides and rodenticides at the Hilo facility. AirGas Gaspro is also a manufacturer of industrial and medical gases, and dry ice and is still located on the subject property.				✓
<i>Records Review Concerns:</i>				
<ul style="list-style-type: none"> The subject property was identified by EDR on the SHWS database for Gaspro Hilo Herbicide Manufacturing Plant, and under the RCRA NonGen, FINDS, and ECHO databases for HGP, Inc. This is considered a PEC as insufficient information was available to make a determine if release occurred or impacted the subject property. 				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<p>regarding the additional investigation was found. HDOH correspondence dated January 2020, indicates that soil vapor sampling is required in the vicinity of the former UST to verify the presence/absence of contamination. It is E2's professional opinion that further investigation into the soil and soil vapor at this site is warranted.</p> <ul style="list-style-type: none"> The subject property was identified by EDR on the FINDS database for a NPDES Permit issued from 1998 to 2000 and the UST Program from 1993 to 2016. A woodworking/restaurant building was constructed on the site c. 1945-1950, according to an interview with a previous landowner an auto shop was in the building originally. According to a Phase I ESA conducted in ENPRO in 2018 a grease trap was noted within the restaurant. It is not known if the grease trap has been properly maintained. Grease traps can generate flammable and toxic gases over time. These gases can include methane, hydrogen sulfide, carbon monoxide, carbon dioxide, and/or other gases depending on the greases, oils, and fats in the trap. It is E2's professional opinion that investigation into whether the grease trap is properly maintained is warranted. HDOH records indicate that a cesspool was installed in 2006 for the restaurant. It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050. <p><u>Hazardous Substances and Petroleum Products Concerns Observed During the VSI:</u></p> <ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even through the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. <ul style="list-style-type: none"> Several gasoline- and/or diesel-powered equipment were observed on the site including a defunct forklift, portable generators, portable air compressor, ride-on lawn mower, and industrial machinery associated with food production. In addition, propane-powered forklifts, a two lead-acid battery-powered scissor-lifts, a natural gas-powered burner for the water boiler system were observed. A small patch of heavy petroleum staining, possibly associated with historical grease application, was observed beneath and around an electric water pump associated with the water boiler system. One of the generators was leaking a petroleum product onto the concrete floor and light to moderate petroleum staining associated with portable gasoline- and diesel-powered equipment storage was observed within the central warehouse. A waste oil collection pan and its associated 55-gallon polyethylene drum containing waste oil with no secondary containment was observed. Several improperly stored petroleum products including 5-gallon bucket of petroleum-based air compressor lubricant, two 1-gallon containers of anti-freeze and coolant, and a 55-gallon waste oil polyethylene drum. No secondary containment was observed. In addition, several gallons of paint were stored with broken or no lids. No leaks or spills were observed. Several unlabeled containers including an approximately 1,000-gallon AST observed along the west boundary of the parcel between the northern warehouse and a chain-link fence, a single 55-gallon polyethylene drum and a 35-gallon polyethylene container. 				

Findings	Determination			
	REC	CREC	HREC	PEC
<ul style="list-style-type: none"> Pesticide manufacturing began on the northern portion of E2 Parcel A in 1958 and ended some time prior to 1978. The following pesticides were manufactured at the site including two types of rat poisons: zinc phosphide oates and Ratin oates; two weed killers containing PCP: OSA-5 and OSA-15; 2,4-D (2,4-dichlorophenoxyacetic acid) - a widely used herbicide to control broadleaf weeds since the 1940s; 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) - the chemical used as a defoliant in the Vietnam war, by which the carcinogen 2,3,7,8-TCDD (a dioxin) is formed as a byproduct in the manufacture of 2,4,5-T (usage was suspended by the EPA in 1979); other amines; and Oil-soluble activators that contained diesel or kerosene. Hazardous waste was generated from spillage where OSA-5 and OSA-15 was generated in 1,000-gallon batches and transferred to drums. In 1983, Unitek Environmental Services excavated and disposed of eleven 55-gallon drums of PCP-contaminated soil, which were shipped as hazardous waste to Oregon. There is no record of verification sampling to confirm that the remaining soils were clean and the site was never issued a NFA designation. In 2018, HDOH stated that a release to the soil around the manufacturing plant is suspected. The HDOH has initiated Site Discovery activities at the site. It is E2's professional opinion that further investigation into the soil and groundwater at this site is warranted. <p><u>Hazardous Substances and Petroleum Products Concerns Observed During the VSI:</u></p> <ul style="list-style-type: none"> A large quantity of compressed-gas cylinders (more than 250) of various sizes were observed throughout the parcel containing various forms of propane, oxygen, nitrogen, argon, acetylene, carbon dioxide, ethane, helium, hydrogen, methane, propylene, and mixed gases. No evidence of leaks or spills was observed. This is considered a REC as it poses a risk of oxygen displacement, fires, explosions, spontaneous combustion, and toxic gas exposures (e.g., anhydrous ammonia). Fluorescent light fixtures are present at the project site. Many fluorescent light fixtures manufactured prior to 1980 may have contained ballasts with PCBs. Since the project site was constructed before 1980, the potential that the ballasts of these fluorescent lights contain PCBs may be a concern. <p><u>Stormwater Runoff Concerns Observed During the VSI:</u></p> <p>Stormwater runoff impacted by potentially hazardous material like trash and debris, nutrients, sediment, metals, oxygen demanding substances, petroleum products, and bacteria/pathogens may be discharged into stormwater drain inlets that lead to waterways. A stormwater drain inlet and a curb-cut channel with a metal cover drains stormwater and other runoff to Kumau Street.</p> <p>E2 Parcel B: 555 Kalaniana'ole Street, TMK: (1) 2-1-007-004 (Subject Property)</p> <p>E2 Parcel B was not developed until 1947 when the first large industrial warehouse was constructed, several other structures were built on the site. The site has been historically used by a bunch of tenants with use that included church, restaurant, woodworking, storage, paint store, auto shop, and agricultural implement manufacturing. The property is currently occupied by mixed use businesses, including Ocean Front Kitchen Chinese Food restaurant, Zion's House of Praise Holiness Church, A&A Storage CO. Service Rentals, a commercial kitchen space, a cardboard recycling service, and an office. Unleased portions of the warehouse are vacant or occupied by defunct industrial equipment.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> The subject property was identified by EDR on the UST database for Jack L. Ayers, Jr., HDOH issued the site ID: 9-602-405 for one unknown volume and content UST that was removed on December 24, 1991. Site assessment was reportedly completed, and no release was reported. Insufficient documentation was available for a UST reportedly removed from the project site in 1991 to rule out potential vapor encroachment from this site. In 2019, ENPRO sent an email to the HDOH proposing soil and soil vapor sampling for the UST; however, no additional information 				

Findings	Determination			
	REC	CREC	HREC	PEC
<ul style="list-style-type: none"> Case No. 20090130-1055 for an unknown quantity of lead found in soil during a Hazardous Material Assessment sampling. During site closure activities in 2009 four petroleum ASTs, two OWSs, a transformer pad, a truck loading rack, and a 2,000-gallon sump were removed from the property. In addition, soil sampling indicated TPH-DRO, TPH-MORO, PAHs, and arsenic. Since early 2011, approximately 1,595 tons of metal-impacted soil and 639 tons of petroleum-impacted soil were removed from the site. Arcadis recommended a NFA be issued; however, no NFA determination has been issued as of yet. It is E2's professional opinion that this is still considered a REC as it has not been cleaned up to the regulatory authority satisfaction and additional investigation is warranted at this site. Case No. 20110302-1330 for an unknown quantity of weathered petroleum-impacted soil released. The incident was referred to SDAR. Soil samples were collected and analyzed for non-hazardous disposal. Since early 2011, approximately 1,595 tons of metal-impacted soil and 639 tons of petroleum-impacted soil were removed from the site. Since early 2011, approximately 1,595 tons of metal-impacted soil and 639 tons of petroleum-impacted soil were removed from the site. Arcadis recommended a NFA be issued; however, no NFA determination has been issued as of yet. It is E2's professional opinion that this is still considered a REC as it has not been cleaned up to the regulatory authority satisfaction and additional investigation is warranted at this site. A 2,000-gallon sump was identified at the site and fill material was removed from the site in March 2009. Fill material from the sump was removed and disposed of in March 2011. An in-ground hydraulic lift was observed in the auto shop during a 2018 site visit. Reservoirs typically range from 35-50 gallons. No records of closure or removal were found. It is E2's professional opinion that this is considered a REC as the amount of hydraulic fluid is above the reportable quantity if released and additional investigation and removal is warranted at the site. <p>Hazardous Substances and Petroleum Products Concerns Observed During the VSI:</p> <ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple <i>de minimis</i> releases. This is considered a REC as even through the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. Salvage vehicles (more than 50), parts, and tires were observed to be stored at the site. Salvaged vehicles and automobile parts contain petroleum products (lubricants, oils, gasoline, diesel) and hazardous substances (lead-acid batteries, washer fluid, refrigerant, and ethylene glycol or other anti-freeze products). Evidence of leaks and spills were observed. No SWMP was found for the salvage vehicles. Several improperly stored petroleum products including a unlabeled 55-gallon steel drum lying on its side that had a direct release to the surrounding area, two illegible 55-gallon steel drums, one unlabeled 55-gallon polyethylene drum, and three unlabeled 55-gallon drums. No secondary containment was observed. Petroleum products and hazardous substances, including motor oils, lubricants and penetrating oils, transmission and other hydraulic fluids, grease, ethylene glycol and other anti-freeze coolants, brake and power steering fluids, fuel additives, industrial degreasers, gasoline, lead-acid batteries, and solvents were observed. Several <i>de minimis</i> leaks and spills to furniture, flooring, and the ground surface were observed. 	✓			

Findings	Determination			
	REC	CREC	HREC	PEC
<ul style="list-style-type: none"> Fluorescent light fixtures are present at the project site. Many fluorescent light fixtures manufactured prior to 1980 may have contained ballasts with PCBs. Since the project site was constructed before 1980, the potential that the ballasts of these fluorescent lights contain PCBs may be a concern. Several patches in the asphalt/concrete were observed including a circular cut in asphalt in the north portion of the parcel possibly associated with former groundwater monitoring wells, a concrete patch within the northeast portion of the central warehouse likely associated with the former UST at the property <p>Evidence of Subsurface Structures Concerns Observed During the VSI:</p> <ul style="list-style-type: none"> Several patches in the asphalt/concrete were observed including a circular cut in asphalt in the north portion of the parcel possibly associated with former groundwater monitoring wells, a concrete patch within the northeast portion of the central warehouse likely associated with the former UST at the property <p>Evidence of Solid Waste Concerns Observed During the VSI:</p> <p>Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. This is considered a PEC as no releases were identified.</p> <ul style="list-style-type: none"> Waste materials including tires, paint cans, wood, metal, plastic pallets, small appliances, a hot water heater, a washing machine, and demolished PVC piping were stored in the northwest corner of the parcel. A damaged automobile wheel is located west of the retail space along the parcel boundary and automobile body parts, plastic sheeting, and other miscellaneous plastic wastes are located along the east boundary between the north and central warehouses. <p>E2 Parcel C: 595 Kalamianole Street, TMK: (1) 2-1-007-046 (Subject Property)</p> <p>E2 Parcel C was not developed until 1937 when a warehouse and office building were constructed. Tesoro Hilo Terminal 2 operations began at this property in the 1950's and ceased in the early 1990's. The terminal remains inactive and formerly consisted of four petroleum ASTs with capacities of between 900 and 9000 barrels, an OWS, an inactive 1,500-gallon OWS, transformer pad, truck loading rack and a 2,000-gallon sump. Most of these features were removed in March 2009. There is an existing warehouse building with an office located on the property. The surface of the tank farm area is gravel and does not include a synthetic liner. The remainder of the terminal is paved with asphalt. The site is currently owned by 595 Kalamianole Street and prior to 2019 was owned by various entities (Pac. Resources Terminals, Inc., M.S. Petroleum, Pacific Resources Terminals, M.S. Petroleum Corporation, La Mesa, Miller Petroleum Company, Inc., Tidewater Associated Oil Company, Phillips Petroleum Company, Aloha Petroleum, Ltd., Culler Hanley Joint Venture, Arco Petroleum, Company). According to Tesoro, the site was leased by BHP America's Inc. between April 1989 to May 1998. Tesoro assumed the lease from June 1998 to September 2011. Although leased for over 20 years, the site was only used for gasoline storage between 1990 and 1995. The property is currently occupied by two auto repair and maintenance companies: Hilo Auto Sales & Rentals and Malkai Auto Body & Paint LLC.</p> <p>Records Review Concerns:</p> <ul style="list-style-type: none"> The subject property was identified by EDR on the SHWS SPILLS, RCRA NonGen, FINDS, ECHO, and EDR HIST Auto databases for Hilo Terminal and the RGA HWS database as Tesoro Hawaii Corporation. The EDR HIST Auto listed the site as being used from 1982 to 1990 under Miller Petroleum Co., Inc., J D C Petroleum Corporation, and M S Petroleum Corporation. Three releases were identified as the subject property as follows: <ul style="list-style-type: none"> Case No. 19981024 for a release of 1,000-gallons of gasoline (leaded) when a tanker truck backed into a building, puncturing the tanker. Was issued a SOSN NFA. The SPILLS database record is associated with this release. In 2001, Arcadis completed a Limited Groundwater Investigation Report to establish site baseline conditions. Free-phase product was collected from monitoring well MW-4. Forensic analysis indicated weathered gasoline and TPH-DRO and tetraethyl lead. It is E2's professional opinion that this constitutes a REC even though a SOSN NFA was issued in 1998 for the site, as the 2001 study found free product in the well. 	✓			

Findings	Determination				de minimis
	REC	CREC	HREC	PEC	
<p><u>Potential PCB-containing Materials Concerns Observed During the VSI:</u></p> <p>A pad-mounted transformer numbered 482195 inside of vault 3T1006 was located in the south portion of the parcel. The transformer was labeled "No PCBs". No evidence of leaks or spill was observed around the transformer or the concrete pad. This is considered a de minimis condition.</p> <p><u>Solid Waste Concerns Observed During the VSI:</u></p> <p>Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. This is considered a REC as no SWMP was found and potential hazardous substances and petroleum products may be released to the subject property.</p> <ul style="list-style-type: none"> Several stockpiles were observed including several stockpiles containing more than 50 used tires, several small stockpiles of solid waste, and stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste. 	✓				✓
<p><u>E2 Parcel D: 60 Kuhio Street, TMK: (1) 2-1-009:004 (Subject Property)</u></p> <p>E2 Parcel D, historic topographic maps indicate the site was first developed in 1914. The 1921, Sanborn Map depicts Pacific Chemical and Fertilizer Company at the site. The Pacific Chemical and Fertilizer Company opened a plant to blend its own fertilizers. In 1958, it partnered with Amchem Products to produce herbicides and rodenticides. The company endured several name changes such as P&G Company, Brewer Chemical Corporation, Brewer Environmental Industries, and BEI Hawaii. The exact date that BEI Hawaii stopped using the site is unknown but is estimated to be c. 2000. By 2002, Conen's Freight Transport (also known as Hawaii Transport Company) moved its operations from 500C Kalaniana'ole Avenue to the subject property. Several tenants have occupied the site since 2005 (Aftermath Painting, Inc., Herbs, Herbs, Inc., Christopher Ranch, Hawaiian Ocean Transport Inc., J&I Lucas Repair Shop, Island Discount Rentals, Keok's Auto Repair, Hoppa-On Hoppa-Off Bus, Westside Audio Hilo, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC). The property is currently occupied by multiple occupants including (from west to east) Keok's Auto Repair, Hoppa-On Hoppa-Off Bus, Conen's Freight Transportation, Inc., Westside Audio Hilo, Ambrosio's Auto Glass, Surplus Plus, Hilo Food Hub, a boat body repair shop, and Automotive Solutions Hawaii & Car Rentals LLC.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> The subject property was identified by EDR on the UST, IQIS, FTTS, HIST, FTTS, FINDS, and ECHO databases as Brewer Environmental Industries, on the SPILLS, and HI UIC databases as Mauna Kea Agribusiness Co., Inc., the RCRA NonGen database as Former Pesticide Disposal Project, on the RCRA NonGen, FINDS, and ECHO databases as Conen's Freight Transport, Inc., on the RCRA NonGen, TSCA, and RMP databases as Brewer Chem Corp. and on the RMP database as BEI Hawaii – Hilo Facility. <ul style="list-style-type: none"> HDOH issued the site ID 9-600715 for three USTs (657-gallon diesel, 1,000-gallon gasoline, and 285-gallon used oil) all installed in 1936. The diesel tank was removed in 1991, and the other tanks removal dates are listed as "Not Reported". During the removal of the 557-gallon diesel UST a leak was detected; however, concentrations were below HDOH cleanup goals in place at the time, this is considered an HREC. The 1,000-gallon gasoline and 285-gallon used oil USTs are considered a REC as it is not known if the USTs were properly closed or removed from the ground, and it is not known if releases have or are occurring that may be impacting the subject property. The ICIS and FTTS databases indicate enforcement actions were taken. This is considered a de minimis condition as no further information was available to quantify hazard. Case No. 20030711-1001 for an unknown quantity of oil released. The release was issued a status of SOSC NFA. This is considered a CREC as no property use restriction were put in place in association with this release. 					✓

Findings	Determination				de minimis
	REC	CREC	HREC	PEC	
<ul style="list-style-type: none"> UIC Permit Number UH-1253 for two UIC wells (1985 through 2008). During the VSI, well 1253-1 was observed not closed along the north parcel boundary, the other well was not observed. A note on the Environmental Health Portal of the HDOH SOWB indicates that industrial wastewater (wash water) from cleaning of delivery truck containers was discharged to UIC well 1253-1. No dates or references were provided. This is considered a PEC as no regulatory actions were taken in regard to the discharge. HDOH records indicated that a cesspool was installed in 1999 between the locker room and craft center. It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050. A SWMP No. HW-6045/UO-0043-98 was issued to Conen's Freight Transport, Inc. at 500 Kalaniana'ole Street as a used oil transporter. Conen's Freight Transport, Inc. moved its operation to 60 Kuhio Street (E2 Parcel D), the permit was never issued for this address. Compliance issues were noted for the transport of used oil after the expiration of the permit. The HDOH IRHB indicated three asbestos records are on file for 60 Kuhio Street, as asbestos is outside the scope of ASTM the records were not reviewed. A railroad track system was built on the subject property that connected to the main railroad track. Potential contaminants and sources from railroads may include creosote from railroad ties; coal ash and cinder containing lead and arsenic; spilled or leaked hazardous substances such as oil, gasoline, cleaning solvents, etc.; herbicides; fossil fuel combustion products (PAHs); oil from transformers and capacitors; and metals. This is considered a REC as it is possible that releases from track maintenance, use, and transport may have impacted the subject property. A number of large capacity tanks ranging in capacity from 1,000 gallons to 64,000 gallons were installed at the subject property from the late 1920s to the 1960s and 1980s. While several were obviously ASTs, little is known of the remaining tanks. Based on the property tax map, a possible pipeline was also identified running through the site to Pier 3 from the former HCRR crude oil AST located on the south side of Kalaniana'ole Avenue. It is possible that releases from the AST or pipelines may be impacting the subject property. <p><u>Hazardous Substances and Petroleum Products Concerns Observed During the VSI:</u></p> <p>Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even through the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC.</p> <ul style="list-style-type: none"> Several gasoline- and/or diesel-powered equipment were observed on the site including multiple forklifts, floor sweeper, three hydraulic rotary vehicle lifts, gasoline-powered grass trimmer, electric motors, food manufacturing tanks and equipment, generators, conveyor belts, and industrial washing machines. De minimis petroleum staining was observed on concrete and/or asphalt. Several improperly stored 55-gallon drums many unlabeled without secondary containment were observed. Heavy petroleum staining was observed below two 55-gallon drums of motor and gear oil. 	✓				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<ul style="list-style-type: none"> Several gasoline- and/or diesel-powered equipment were observed on the site including 5,000-gallon fuel delivery truck, 2-stroke gasoline-powered. Patches of moderate to heavy petroleum were observed. Petroleum products and hazardous substances stored in 5-gallon buckets or smaller containers that include but are not limited to asphalt cold patch, asphalt sealer, dampproof, weathered membrane cleaner, sealants, lubricants, silicone/caulk, xylene, toluene, acetone, muriatic acid, other solvents, primers and paints, a K-class fire extinguisher, gasoline, diesel, tar, resin primer, polyurethane elastomeric waterproof deck coating, polyurethane elastomeric traffic coating, and splice wash. Greater than 50 containers of unknown contents (no label, illegible label, or inaccessible) within 5-gallon buckets or smaller, were observed throughout the structure interior. Spills and/or leaks were generally not observed around these containers. Two approximately 500-gallon tanks were stored within the center portion of the structure. One tank was damaged and neither tank was labeled. The nature of the tank contents is unknown. No secondary containment, spills, or leaks were observed around the two tanks. At least four 30-gallon steel drums of unknown contents were inaccessible but visible in the northwest corner of the structure. Evidence of spills was observed on one of the drums. Secondary containment was not observed. <p>Solid Waste Concerns Observed During the VSI: Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. This is considered a REC as no SWMP was found and releases were observed.</p> <ul style="list-style-type: none"> Salvage vehicles (approximately 50), parts, and tires were observed to be stored at the site. Salvaged vehicles and automobile parts contain petroleum products (lubricants, oils, gasoline, diesel) and hazardous substances (lead-acid batteries, washer fluid, refrigerant, and ethylene glycol or other anti-freeze products). Tires generate heat and may potentially ignite. In addition, they can become a breeding ground for pests. Moderate petroleum staining associated with vehicle parking and storage were observed. C&D debris, tires, and salvage industrial equipment were observed. <p>Adjacent Property to the west of E2 Parcel A (hydraulically crossgradient) ROWs</p>				
<p>Stormwater Runoff Concerns Observed During the VSI: Stormwater runoff impacted by potentially hazardous material like trash and debris, nutrients, sediment, metals, oxygen demanding substances, petroleum products, and bacteria/pathogens may be discharged into stormwater drain inlets that lead to waterways. Stormwater drain inlets were observed on the east and west side of Kumau Street, and on the north side of Kalanianaʻole Street. BMPs associated with ongoing road improvements were observed nearby, but not in place. In addition, Seven UIC wells located adjacent to the west and south of the subject property were installed as part of the Kumau Street improvements at Pier 4. These wells may provide a preferential pathway for contaminants released at the subject and adjacent properties that may impact U.S. waters as well as the groundwater. This is considered a REC.</p> <p>Potential PCB-containing Materials Concerns Observed During the VSI: Three pole-mounted transformers, numbered 45981, 45982, and 45987, are located immediately adjacent to the west along Kumau Street. HELCO confirmed in 2018 that these are PCB free. No evidence of spills or leak was observed. This is considered a <i>de minimis</i> condition.</p>				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<ul style="list-style-type: none"> An unlabeled empty approximately 200-gallon unlabeled polyethylene tank. No evidence of spills or leaks was observed. A 5-gallon used oil collector had overflowed, spilling used oil onto the concrete floor. A <i>de minimis</i> 2 ft² patch of melted plastic or a tar-like substance was observed on asphalt pavement along the east exterior wall of the former PG&F Plant. Several areas of petroleum staining were observed including moderate to heavy staining on concrete surface within the warehouse portion of the former PG&F Plant, light to moderate staining on concrete surfaces and bare soil within and around the former PG&F bag house, and within bare patches of soil in an otherwise heavily vegetated area. <p>Evidence of Solid Waste Concerns Observed During the VSI: Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. This is considered a REC as no SWMP for salvage vehicles was found and releases were observed.</p> <ul style="list-style-type: none"> Salvage vehicles (approximately 40), parts, and tires were observed to be stored at the site. Salvaged vehicles and automobile parts contain petroleum products (lubricants, oils, gasoline, diesel) and hazardous substances (lead-acid batteries, washer fluid, refrigerant, and ethylene glycol or other anti-freeze products). Moderate petroleum staining, associated with truck parking and salvage vehicle storage, was observed. Several stockpiles of C&D materials and greenwaste were observed. C&D materials included corrugated metal roof paneling, concrete, metal, metal gutters, wood and wood pallets, asphalt debris, and a metal rack. An open excavation containing a stockpile of solid waste items was observed. <p>Stormwater Runoff Concerns Observed During the VSI: Stormwater runoff impacted by potentially hazardous material like trash and debris, nutrients, sediment, metals, oxygen demanding substances, petroleum products, and bacteria/pathogens may be discharged into stormwater drain inlets that lead to waterways. Several concrete and asphalt patching likely associated with a former drainage system and a French drain were observed. The French drain was submerged with a light to moderate continuous petroleum sheen on the water. An excavator, a dual-axle trailer, and a flatbed truck were parked around and/or over the French drain. The outfall of the drain is unknown. This is considered a REC as a release was observed in the French drain.</p> <p>E2 Parcel E: No Associated Address, TMK: (1) 2-1-009:003 (Subject Property)</p> <p>E2 Parcel E was owned by Brewer Chemical Corporation in 1944. In 1948, Matson Navigation Co. installed four 10,000-ton steel silos with necessary conveyor system that extended onto E2 Parcel D, weighing scales, and gantry cranes for handling sugar. In 2002, two unrecorded leases were issued to Brewer Environmental Industries, LLC, one from Agribusiness Co., Inc. (assigned to Sparks & Boschetti, LLC) and the other from Mauna Kea Agribusiness Co., Inc. Sparks & Boschetti, LLC became the landowner in 2020. The property is currently used by Conen's Freight Transportation, Inc., a provider of general freight trucking, truck transportation, and warehouse services.</p> <p>Hazardous Substances and Petroleum Products Concerns Observed During the VSI: Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple <i>de minimis</i> releases. This is considered a REC as even through the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC.</p>				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<p>Stormwater Runoff Concerns Observed During the UST:</p> <ul style="list-style-type: none"> Filter sock BMPs were observed along the boundary with the subject parcel. The BMPs were not well maintained and were generally in poor condition. <p>Adjacent Property to the northwest across Kumau Street of E2 Parcels A, B, and C (hydraulically downgradient)</p> <p>No associated address, TMK: (3) 2-1-007-056</p>				✓
<p>This parcel is currently used for automobile sales and parking.</p> <p>Adjacent Property to the west across Kumau Street of E2 Parcels A, B, and C (hydraulically crossgradient)</p> <p>55 Kumau Street, TMK: (3) 2-1-007-003</p>				
<p>This parcel is currently used for automobile sales and parking.</p> <p>Records Review Concerns:</p> <p>Cesspool located at this property, dated 08/08/1966. It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050. This is considered a <i>de minimis</i> condition as it is on an adjacent property.</p> <p>Adjacent Property to the west across Kumau Street of E2 Parcels A, B, and C (hydraulically crossgradient)</p> <p>471 Kalanianaʻole Street, TMK: (3) 2-1-007-007</p>				✓
<p>This parcel is currently used for automobile sales and maintenance as Kamaaina New & Used Nissan.</p> <p>Records Review Concerns:</p> <ul style="list-style-type: none"> The 471 Kalanianaʻole Street site was identified by EDR on the UST database. HDOH issued the site FID: 9-601326 for two USTs (500-gallon used oil and 1,000-gallon other) installed in 1967 and removed in 1989. No releases have been reported in connection with the UST. This is considered a PEC as no releases were reported from the UST on the adjacent property. A 1991 EPA Hazardous Waste Report identifies the 471 Kalanianaʻole Street site as EPA ID: HID 11329025 as a non-generator (HW-6023A). This is considered a <i>de minimis</i> condition as it is not anticipated to impact the subject property. <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels A, B, and C (hydraulically upgradient)</p> <p>500 Kalanianaʻole Street, TMK: (3) 2-1-008-026</p>				✓
<p>Prior to 1948, the site was used as a planning mill and carpentry shop. From 1954 to 1970, the property was an active lumber yard and mill site. From 1970 to the present, the site is being used by Davies Building Materials and various other commercial businesses.</p> <p>Records Review Concerns:</p> <ul style="list-style-type: none"> The 500 Kalanianaʻole Street site was identified by EDR on the UST database. HDOH issued the site FID: 9-600730 for two USTs (1,000-gallon diesel and 2,000-gallon gasoline) installed in 1976 and with a closure date of Not Reported. No releases have been reported in connection with the UST. This is considered a <i>de minimis</i> condition as no releases were identified and it is not anticipated to impact the subject property. 				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<p>Adjacent Property to the north of E2 Parcels A, B, and C (hydraulically downgradient)</p> <p>No associated address, TMK: (3) 2-1-007-051 and 052</p> <p>The TMK (3) 2-1-007-051 and 052 were historically used as a railroad ROW as early as 1914. In 1988, the Hilo Harbor Access Road was constructed.</p> <p>Records Review Concerns:</p> <ul style="list-style-type: none"> Petroleum-impact is present in the soil and groundwater beneath the HHICD and adjacent properties. In addition, a review of the HDOH HEER Office database indicated numerous environmental incidents have occurred on the HHICD property. Groundwater samples collected from the HHICD property as part of the Expanded Phase I indicated that TPH-DRO, TPH-RO, arsenic, barium, and PAH analyses: benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysenes, indeno(1,2,3-cd)pyrene, 1-methylnaphthalene, pyrene, and anthracene are present in the groundwater beneath the HHICD site at concentrations that exceed their HDOH Tier 1 EALS. In September 2011, HDOH determined that commercial/industrial use of the HHICD property is acceptable under the following conditions: <ul style="list-style-type: none"> The asphalt pavement that covers the majority of the site remains and no intrusive work into the subsurface is performed without consultation with the HDOH HEER Office. Soil gas sampling must be performed in the warehouse to ensure that no indoor air hazard exists to potential occupational workers. Should contamination be found during construction or intrusive activities, a release notification shall be filed with the HDOH HEER Office and a full delineation and characterization of the contamination will be required. A 2016, a groundwater monitoring and soil vapor sampling event determined that the soil is impacted with TPH-DRO, TPH-ORO, and PAHs and groundwater is impacted with TPH-DRO and PAHs, at concentrations above HDOH Tier 1 EALS. In January 2017, HDOH-Harbor sent a letter to HDOH HEER Office requesting that the HDOH HEER Office solicit the voluntary cooperation of PRP for the subsurface petroleum-impacted area at Hilo Harbor and its vicinity and coordinate the long-term management of the site. Former railroad tracks transected the property, which extended in a northeast to southwest direction. Potential contaminants and sources may include creosote from railroad ties; coal ash and cinder containing lead and arsenic Spilled or leaked hazardous substances such as oil, gasoline, cleaning solvents, etc.; herbicides; fossil fuel combustion products (PAHs); roofing shingles (asbestos); air compressors; oil from transformers and capacitors; and metals. <p>Hazardous Substances and Petroleum Products Concerns Observed During the VSI:</p> <ul style="list-style-type: none"> A single pole-mounted transformer, numbered 49773 (center number was illegible), was located within the TMK: (3) 2-1-007-052 site to the north. No evidence of spills or leak was observed. Three pole-mounted transformers, two of which were numbered 28011 and 28013 and one of which had an illegible number, were located within the TMK: (3) 2-1-007-051 and 052. The transformers are painted black, and their PCB status is unknown. No evidence of leaks or spills was observed. Subsurface fuel pipelines exist at the property. Petroleum product transport and storage within the harbor area is considered to be a REC as they pose a material threat of release to the subject property. 	✓			
				✓
				✓

Findings	Determination			
	REC	CREC	HREC	PEC
<p>ConocoPhillips in conjunction with an agreement between the two companies (2011), and in 2013 Tesoro transferred the site assets to Par Pacific Holdings and Hawaii Independent Energy changed its name to Hawaii Refining LLC in 2015.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> Four documented petroleum releases – the 1997 diesel/oil release, the 1999 water/product release, the 2000 fuel oil #6 release, and the 2011 petroleum sheen on groundwater monitoring wells release – have occurred at this site. The evaluation of current environmental status report indicates that the 1997 diesel/oil release, the 1999 water/product release, and the 2000 fuel oil release have been granted an NFA from the HDOH HEER. Groundwater monitoring has been occurring at the subject property since 2014 with the most recent occurring in 2019 that indicate that the groundwater has been impacted by activities conducted at this site. The site is currently managed under an Interim EHMP. This is considered a REC to the subject property due to releases to the groundwater, the vicinity to the subject property, no sub-slab or soil vapor samples have been collected, and the lack of delineation of contamination. Four large unlabeled and poor condition ASTs were observed within a secondary containment basin. One of the ASTs was labeled “Out of Service” and black staining was observed within the secondary containment basin. 	✓			
<p>Adjacent Property to the north of E2 Parcels D and E (hydraulically downgradient) 99 Kuhio Street, TMK: (3) 2-1-009-007 (portion)</p> <p>No environmental records were identified for the property.</p> <p>Adjacent Property to the east across Kahanu Street of E2 Parcels D and E (hydraulically crossgradient) 945 Kalanianaʻole Street, TMK: (3) 2-1-009-008</p> <p>The property is currently owned by The Gas Company. A warehouse was constructed on the property in 1962. No environmental records were identified for the property.</p> <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) 928 Kalanianaʻole Street, TMK: (3) 2-1-020-047</p> <p>No environmental records were identified for the property.</p> <p>Adjacent Property to the west of E2 Parcels A, B, and C (hydraulically crossgradient) 607 Kalanianaʻole Street, TMK: (3) 2-1-007-047</p> <p>Gray Line Hawaii and Polynesian Adventure Tours are using the property for warehousing purposes. The site was historically used for a factory likely associated with Papikou Mill of Brewer Hilo Coast Processing.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> The 888 Kalanianaʻole Street site was identified by EDR on the SHWS database. This is considered a <i>de minimis</i> condition as no further information was available to quantify hazard. During environmental investigations at the site in 2002, contamination (TPH-ORO, benzo(a)pyrene, and naphthalene in soil and benzo(a)pyrene in groundwater). In addition, the report indicated that an unknown quantity of oil spilled on May 20, 1992, when oil was observed in and under an abandoned factory, likely associated with Papikou Mill of Brewer Hilo Coast Processing. This site is subject to EC of commercial/industrial land use by the HDOH/HEER Office as of 2014. HDOH also noted that the potential source of the free product on the northwest corner of the property may be from a large petroleum storage tank labeled “R.R. Oil Tank” (presumably “Railroad Oil Tank”) that shows up on a 1957 Sanborn map but is no longer present. Since the HDOH HEER Office is overseeing continuing environmental cleanup work for the 			✓	

Findings	Determination			
	REC	CREC	HREC	PEC
<p>In 1993, a Phase II ESA was completed; however, soil samples were analyzed to TCLP which would only show the leaching potential not the level of contaminant present. A waste disposal area (landfill) was also determined to be present at the site. Several investigations were conducted at the site and by 2006, approximately 8 yd³ of sediment/soil were removed from drains, vaults, and the surface. On July 27, 2006, HDOH issued a NFA for the site. In 1998, additional environmental sampling to determine if potential chemical associated with wood treatment and a landfill have impacted the site. In 1998, the site was categorized as a medium priority site due to observed release to groundwater, free floating product, and strong petroleum odor and soil sample results. In 2006, a Final Report for Environmental Services was completed to summarize the work conducted in 1998 and concluded that approximately 8 yd³ (estimated 11 tons) of sediment/soil has been removed from drains, vaults and the surface. The sediment/soil contains petroleum hydrocarbons, primarily in the TPH-ORO of 5400 mg/kg and does not exceed TCLP hazardous waste limits. On June 27, 2006, a NFA status was requested; however, HDOH has never issued one. This is considered a REC as the 500 Kalanianaʻole Street site impacted the groundwater, was never issued a NFA, and the location of this site hydraulically upgradient of the subject property.</p> <ul style="list-style-type: none"> A SWMP No. HW-6045/UO-0043-98 was issued to Conen’s Freight Transport, Inc. at 500 Kalanianaʻole Street as a used oil transporter. Conen’s Freight Transport, Inc. moved its operation to 60 Kuhio Street (E2 Parcel D), the permit was never issued for this address. Compliance issues were noted for the transport of used oil after the expiration of the permit. <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels A, B, and C (hydraulically upgradient) 600 Kalanianaʻole Street, TMK: (3) 2-1-008-023</p> <p>The property is currently in use as a construction base yard by Isemoto Contracting Co., Ltd. A storage warehouse was constructed on the property in 1957.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> The 600 Kalanianaʻole Street site was identified by EDR on the SHWS database. This is considered a <i>de minimis</i> condition as no further information was available to quantify hazard. Cesspool located at this property located approximately 12 ft to the north of the warehouse dated 01/25/1982. It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050. <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels A, B, and C (hydraulically upgradient) 612 Kalanianaʻole Street, TMK: (3) 2-1-008-025</p> <p>This site is currently used for warehousing by Kona Transportation Co., Inc. Several warehouses currently occupy the site that were constructed between 2007 to 2015. No environmental records were identified for the property.</p> <p>Adjacent Property to the west of E2 Parcels A, B, and C (hydraulically crossgradient) 607 Kalanianaʻole Street, TMK: (3) 2-1-007-047</p> <p>The site was used as a petroleum refinery by Tesoro Hawaii, Par Hawaii Refining. The site distributes petroleum via underline pipelines. The site has been operated as a distribution center since at least 1938. The history of property ownership and property tenants included Unio Oil Company (Unocal) constructed and operated the Hilo Terminal (1938), Tosco Corporation (Tosco) acquired Unocal assets in Hawaii (1997), Tosco Corporation leased the site to Tesoro Hawaii Corporation (2000), Phillips Petroleum acquired Tosco Corporation (2001), Phillips Petroleum merged with Conoco to become ConocoPhillips (2002), Mid Pac Petroleum (a subsidiary of K-1 Ventures) purchased ConocoPhillips assets in Hawaii (2004), Kokoha Investments, Inc. purchased Mid Pac Petroleum from the former K-1 Ventures (2007), Chevron retained management of environmental liabilities from</p>	✓			
<p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) 928 Kalanianaʻole Street, TMK: (3) 2-1-020-047</p> <p>No environmental records were identified for the property.</p> <p>Adjacent Property to the west of E2 Parcels A, B, and C (hydraulically crossgradient) 607 Kalanianaʻole Street, TMK: (3) 2-1-007-047</p> <p>Gray Line Hawaii and Polynesian Adventure Tours are using the property for warehousing purposes. The site was historically used for a factory likely associated with Papikou Mill of Brewer Hilo Coast Processing.</p> <p><u>Records Review Concerns:</u></p> <ul style="list-style-type: none"> The 888 Kalanianaʻole Street site was identified by EDR on the SHWS database. This is considered a <i>de minimis</i> condition as no further information was available to quantify hazard. During environmental investigations at the site in 2002, contamination (TPH-ORO, benzo(a)pyrene, and naphthalene in soil and benzo(a)pyrene in groundwater). In addition, the report indicated that an unknown quantity of oil spilled on May 20, 1992, when oil was observed in and under an abandoned factory, likely associated with Papikou Mill of Brewer Hilo Coast Processing. This site is subject to EC of commercial/industrial land use by the HDOH/HEER Office as of 2014. HDOH also noted that the potential source of the free product on the northwest corner of the property may be from a large petroleum storage tank labeled “R.R. Oil Tank” (presumably “Railroad Oil Tank”) that shows up on a 1957 Sanborn map but is no longer present. Since the HDOH HEER Office is overseeing continuing environmental cleanup work for the 			✓	

Findings	Determination				
	REC	CREC	HREC	PEC	
	<i>de minimis</i>				
	Adjacent Property to the west of E2 Parcels D and E (hydraulically crossgradient) No associated address. TMK: (3) 2-1-09-031				
	Vegetated area used for parking adjacent to Kuhio Street. No environmental records were identified for the property.				

Findings	Determination				
	REC	CREC	HREC	PEC	
	<i>de minimis</i>				
	<p>former Big Island Asphalt site (now owned by Hoku Kai Biofuels), we expect they will be helping to gather additional sampling data in this area (the northeast corner of their property) to evaluate whether they could reasonably have been a source for this free product and are responsible or share in the responsibility for any further evaluation and/or remediation. On July 24, 2017, HDOH issued a NFA with ICS determination, and was confirmed by the EDR database search. This is considered a CREC as the site is managed with IECs.</p> <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) 794 Kalanianaʻole Street, TMK: (3) 2-1-010-043</p> <p>The site is used by the Shell Oil Asphalt Plant and contains three large capacity ASTs. In 1962, Shell Oil Company purchased the property from the State of Hawaii and began construction of the asphalt plant. In addition, Shell Oil installed an underground pipeline that extends from the northwest corner of the property to Pier 3 at Hilo Harbor. In 1963, the plant commenced operation. In December 1996, Makawao Sugar Plantation LP purchased the property. Makawao Sugar Plantation LP did not buy the rights to the underground pipeline. Around this time, BIA began leasing and operating the plant. In January 2005, BIA changed its name to Hawaiian Asphalt. In October 2005, Hawaiian Asphalt shut down and asphalt storage and blending operations were terminated. The plant consisted of nine large ASTs (formerly used to store asphalt cement, asphalt emulsion, diesel fuel, and jet fuel), a loading rack, a loading area, a heating plant, and asphalt emulsion manufacturing plant.</p> <p><i>Records Review Concerns:</i></p> <ul style="list-style-type: none"> The 794 Kalanianaʻole Street site was identified by EDR on the SHWS databases for Big Island Asphalt Company, Inc. This is considered a <i>de minimis</i> condition as no further information was available to quantify hazard. On January 2014, HDOH completed a VPP Agreement for 794 Kalanianaʻole Avenue. The purpose of this agreement is to set forth the terms and conditions of the investigation and response to address Contaminants and Specific Media at the property, which upon completion will entitle Prospective Purchasers to Exemption from Liability to the Department. Two significant releases of asphalt cement and asphalt emulsion occurred in the 1980s and a pipeline release was identified in 2006. In addition, a 3,000-gallon UST (FID9-600714) was installed at the site in 1961 and removed in 1989. A 1992 assessment identified TPH-DRO and TPH-ORO in groundwater consistent with bunker fuel and could be related to an off-site source (potentially 187 Silva Street). Several response actions were performed by both Makawao Sugar Plantation LP and Hawaiian Asphalt (formerly BIA). The investigations indicated that there have been significant releases of petroleum-based products (asphalt cement and asphalt emulsion). In addition, there have been smaller releases of heating oil and possibly diesel fuel. This site is considered a CREC as it is being managed under the VPP program with oversight by the HDOH and EPA. <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) 772 Kalanianaʻole Street, TMK: (3) 2-1-010-042</p> <p>The site is owned by Hawaiian Electric Light Co. Inc. and is used as the Keaukaha Electrical Substation. No environmental records were identified for the property.</p> <p>Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) 750 Kalanianaʻole Street, TMK: (3) 2-1-010-040</p> <p>This site is currently used for warehousing by HD Supply White Cap.</p> <p><i>Records Review Concerns:</i></p> <p>The 750 Kalanianaʻole Street site was identified by EDR on the RCRA-VSO database for White Cap, Ltd. No violations reported. This is considered a <i>de minimis</i> condition as it is not anticipated to impact the subject property.</p>				
	✓				

Section 8 Conclusions

E2 performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* for five parcels of land located at Hilo Harbor, Hilo, Hawaii and designated as TMKs: (3) 2-1-007; Parcels 004, 005, and 046; and (3) 2-1-009; Parcels 003 and 004. Any exceptions to, or deletions from, this practice are described in Section 1 of this report.

The assessment has revealed no evidence of RECs in connection with the property except for the following listed in Tables 8-1 and 8-2. HRECs are listed in Table 8-3. PECs, which cannot be definitively categorized as RECs due to insufficient available information required to make a determination, were identified as listed in Table 8-4.

Table 8-1: Recognized Environmental Conditions

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<p>Harbor-Wide</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> The industrial nature of the adjacent harbor and harbor industrial lots includes historical and current use, manufacturing/mixing, transport, storage, releases, etc. of hazardous substances and petroleum products (i.e., crude oil, refined petroleum products, natural gas, molasses, pesticides, fertilizers, etc.). These substances are typically stored in ASTs and USTs constructed of steel, fiberglass, concrete, etc. and transported through above- and underground pipelines throughout the harbor area. Historic and current use, transport, and storage of hazardous substances and petroleum products in the harbor area is considered to be a REC as releases have been reported on several of the subject and adjacent parcels and it is likely, considering the long history of industrial use and historic tsunami and flooding damage, that unreported releases and contaminant migration have impacted one or more of the subject and adjacent properties. Railroad tracks were located throughout the harbor until at least c. 1946, including the area adjacent to the north of E2 Parcels A, B, and C, connections to the chemical plant on E2 Parcel D, and crossing E2 Parcel E. The type and extent of contamination along rail corridors fall into two general categories: residual contamination that may be found along any stretch of corridor and contamination associated with industrial uses alongside it. Potential contaminants and sources may include creosote from railroad ties; coal ash and cinder containing lead and arsenic; spilled or leaked hazardous substances such as oil, gasoline, cleaning solvents, etc.; herbicides; fossil fuel combustion products (PAHs); oil from transformers and capacitors; and metals. Historic use and maintenance of railroads and potential contaminant migration/movement associated with historic tsunami damage and flooding is considered to be a PEC. 	✓		✓

Recognized Environmental Conditions (RECs)	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment
<ul style="list-style-type: none"> Arsenic-impacted dredge fill was used to build the harbor and to repair tsunami damage to the harbor area in 1946 and 1960. Additionally, arsenic-containing herbicides may have been used as weed control within the harbor area along railroad tracks, roads, rock walls, buildings, etc. Variable levels of arsenic have been detected in soil exceeding natural background levels and above HDOH EALs within the harbor area, including several of the subject parcels. This is considered to be a REC because there is evidence that releases have occurred. 	✓		
<p>E2 Parcel A: AirGas Gaspro, Inc., 525 Kalanianaʻole Avenue, TMK (3) 2-1-007; Parcel 005</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Historic use of the property for pesticide manufacturing activities from 1958 to c. 1978 includes a PCP release at the subject property (c. 1983) and suspected releases associated with the manufacturing plant. No records of verification sampling for the 1983 release and HDOH never issued a NFA status. In 2018 HDOH stated that they suspect additional releases occurred at the site. Storage of large quantities of compressed-gas cylinders and the manufacturing of industrial and medical gases. No leaks or spills were identified during the VSI; however, they pose a risk of oxygen displacement, fires, explosions, spontaneous combustion, and toxic gas exposure. 	✓		✓
<p>E2 Parcel B: 595K LLC, 555 Kalanianaʻole Avenue, TMK (3) 2-1-007; Parcel 004</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> A UST of unknown volume and content was reportedly removed from the site on December 24, 1991. No documentation of the UST closure and site assessment was available for review. HDOH correspondence dated January 2020, indicates that soil vapor sampling is required in the vicinity of the former UST to verify the presence/absence of contamination. No documentation was found regarding the soil vapor sampling. 		✓	
<p>Solid and Hazardous Waste:</p> <ul style="list-style-type: none"> During the VSI hazardous substances and/or petroleum products were often observed to be improperly stored with improper labeling and/or no secondary containment. Housekeeping practices were poor and multiple <i>de minimis</i> releases were observed. This is considered a REC since improper storage of hazardous substances was observed. 			✓
<p>E2 Parcel C: 595K LLC, 595 Kalanianaʻole Avenue, TMK (3) 2-1-007; Parcel 046</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Three reported releases have occurred on the subject property under HDOH HEER Case Nos. 19981024, 200090130-1055, and 20110302-1330. Site investigations indicate that free product has been identified in the groundwater and the soil has been petroleum- and metals-impacted. The HDOH has not issued a NFA status for the releases indicating a hazard may still be present. 	✓		

Recognized Environmental Conditions (RECs)	REC Categories					
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment			
<ul style="list-style-type: none"> An in-ground hydraulic lift was observed in the auto shop during a 2018 site visit (the shop was not accessible during the VSI). No records of closure or removal were found. This is considered a REC as the amount of hydraulic fluid stored in underground reservoirs is above the reportable quantity if release should occur. During the VSI hazardous substances and/or petroleum products were observed in contact with bare soil (i.e., rusting/leaking salvage vehicles, oily/greasy parts, electronic parts, tires, etc.) and/or improperly stored in containers (ranging from quart size containers to 55-gallon steel drums) for use during repair/maintenance operations. Housekeeping practices were poor and multiple de minimis releases were observed. This is considered a REC since improper storage of hazardous substances and petroleum products was observed. 	✓		✓			
<p>Solid and Hazardous Waste:</p> <ul style="list-style-type: none"> The parcel has been used for unpermitted automobile salvage activities and vehicle maintenance and repair activities since the site closure activities between 2010 and 2011. Releases of petroleum and metals to the unpaved areas of the site were observed during the VSI. Large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, solid waste, a pile of at least 50 used tires, wood pallets, and other municipal waste were observed during the VSI. 	✓		✓			
<p>E2 Parcel D: Sparks & Boschetti, 60 Kuhio Street, TMK (3) 2-1-009; Parcel 004</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> HDOH issued the site FID 9-600715 for three USTs (557-gallon diesel, 1,000-gallon gasoline, and 285-gallon used oil), all installed in 1936. The diesel tank was removed in 1991, and the other tanks are listed with a removal date of "Not Reported". This is considered a REC as it is not known if the USTs were properly closed or removed from the ground, and releases may be impacting the subject property. At least ten storage tanks (ASTs/USTs) ranging in capacity from 1,000 to 64,000 gallons, were historically used to store petroleum and other hazardous substances. There is no additional information regarding these tanks, and it is possible that releases may have occurred, and/or may be occurring from USTs remaining in the ground (if any). The site was historically used to manufacture, mix, store, package, and distribute pesticides and fertilizers; and has been used since 1928 to service, repair, and salvage fleet and private vehicles and equipment. This site is currently used to temporarily store hazardous substances and petroleum products as cargo and to service, repair, store, and salvage fleet/private vehicles and equipment. This historic use is considered a REC as releases may have impacted the subject property. 						

Recognized Environmental Conditions (RECs)	REC Categories					
	Release	Conditions Indicative of a Release	Conditions Posing a Material Threat of a Future Release to the Environment			
<ul style="list-style-type: none"> The fertilizer building was constructed over an underground pipeline owned/used by Hilo Consolidated Railroad to transport oil to the harbor from an AST located approximately 290 ft south of the parcel. This is considered a REC because it is not known if the pipeline was properly drained of crude oil and abandoned. Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, 55-gallon drums, 200-gallon polyethylene tank, oil collector) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even though the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. 			✓			
<p>Solid and Hazardous Waste:</p> <ul style="list-style-type: none"> A SWMP No. HW-6045/UO-0043-98 was issued to Conen's Freight Transport, Inc. at 500 Kalaniana'ole Street as a used oil transporter. Conen's Freight Transport, Inc. moved its operation to 60 Kuhio Street (E2 Parcel D), the permit was never issued for this address. Compliance issues were noted for the transport of used oil after the expiration of the permit. It is not known if any releases are associated with the use or transport of oil. The parcel has been used for unpermitted automobile salvage of vehicles and parts. Releases of petroleum and metals to the site were observed during the VSI. An open excavation containing a stockpile of solid waste items was observed. This is considered a REC as potential hazardous substances and petroleum products may be released to the subject property. 		✓	✓			
<p>Stormwater Runoff / Drains:</p> <ul style="list-style-type: none"> Several concrete and asphalt patches likely associated with a former drainage system and a French drain were observed. The French drain was submerged with a light to moderate continuous petroleum sheen on the water. The outfall of the drain is unknown. This is considered a REC as a release was observed in the French drain. 	✓					
<p>E2 Parcel E: Sparks & Boschetti, No Associated Address, TMK (3) 2-1-009; Parcel 003</p> <p><i>Hazardous Substances and Petroleum Products:</i></p> <ul style="list-style-type: none"> Poor housekeeping practices that have/may lead to unnecessary hazards were observed for hazardous substances and petroleum products (i.e., gasoline- and/or diesel-powered equipment, small buckets, and containers, two 500-gallon tanks, at least found 30-gallon steel drums) as they were often improperly stored with no secondary containment. Housekeeping practices were poor with multiple de minimis releases. This is considered a REC as even though the releases may not be reportable releases the poor housekeeping practices observed during the VSI leads to more releases and the cumulative impacts of releases and potential future releases constitute a REC. 						✓

Recognized Environmental Conditions (RECs)	REC Categories	
	Release	Conditions Indicative of a Release
<ul style="list-style-type: none"> The parcel has been used for unpermitted automobile and industrial equipment salvage vehicles and parts as well as C&D debris. Releases of petroleum and metals to the site were observed during the VSI. 	✓	Conditions Posing a Material Threat of a Future Release to the Environment

Table 8-2: Controlled Recognized Environmental Conditions

Category	Controlled Recognized Environmental Conditions (CRECs)
Subject Property	E2 Parcel D: 60 Kuhio Street, TMK: (1) 2-1-009-004 (Subject Property) Case No. 20080711-1001 for an unknown quantity of oil released. The release was issued a status of SOS-C. NFA, this is considered a HREC as no property use restrictions were put in place in association with this release.
888 Kalanianaʻole Street, TMK: (3) 2-1-010-033	Adjacent Property to the south across Kalanianaʻole Street of E2 Parcels D and E (hydraulically upgradient) During environmental investigations at the site in 2002, contamination including TPH-ORO, benzolopyrene, and naphthalene in soil and benzolopyrene in groundwater was identified. In addition, the report indicated that an unknown quantity of oil spilled on May 20, 1992, when oil was observed in and under an abandoned factory likely associated with Papikou Mill of Brewer Hilo Coast Processing. On July 24, 2017, HDOH issued a NFA with ICS determination.
794 Kalanianaʻole Street, TMK: (3) 2-1-010-043	On January 2014, HDOH completed a VRP Agreement for 794 Kalanianaʻole Avenue. Two significant releases of asphalt cement and asphalt emulsion occurred in the 1980s and a pipeline release was identified in 2006. In addition, a 3,000-gallon UST (FID 9-600714) was installed at the site in 1961 and removed in 1989. A 1992 assessment identified TPH-DRO and TPH-ORO in groundwater consistent with bunker fuel and could be related to an off-site source (potentially 187 Silva Street). This site is considered a CREC as it is being managed under the VRP program with oversight by the HDOH and EPA.

Table 8-3: Historical Recognized Environmental Conditions

Category	Historical Recognized Environmental Conditions (HRECs)
Subject Property	E2 Parcel D: 60 Kuhio Street, TMK: (1) 2-1-009-004 (Subject Property) During the removal of the 557-gallon diesel UST in 1991, a release was detected in the soil at concentrations below the HDOH cleanup goals in place at the time.

Table 8-4: Potential Environmental Concerns

Category	Potential Environmental Concerns (PECs)
Fuel Oil Pipeline	A HELCO fuel oil pipeline warning sign was located within the sidewalk adjacent to the parcel along Kalanianaʻole Street. The sign did not indicate an offset or any other location information regarding the pipeline. The pipeline has been in place since the 1950s and was predicated by other fuel pipelines in the area.
Residual Lead in Soil Attributable to LBP and Leaded Gasoline	LBP and older roofing nails may have been used in the construction and/or maintenance and upkeep of former structures built prior to the early to mid-1980s. In addition, leaded gasoline may have been used and/or stored at the site.
Arsenic in Soil Attributable to Herbicides, Insecticides, and/or Rodenticides use, and Contaminated Fill	The main sources of elevated levels of arsenic are from the historic use of arsenic-based herbicides, insecticides, and/or rodenticides and the use of dredged fill from Hilo Bay, known to be contaminated from wastewater containing arsenic from the former canic plant at Waialea. Arsenic was intensively used from approximately 1915 to 1950 as an herbicide in sugarcane plantations as well as for weed control along roadways, railway corridors, rock walls, and around building perimeters and fences. Arsenic was also used for rat control in the 1920s and 1930s. As an example, it was reported that in March 1932 Honokaa Sugar Company acquired 35 tons of 99% pure arsenic for rat control in its sugar cane plantations. During the Regional Soil Arsenic Screening conducted in 2010, arsenic was detected in several surface soil samples collected in the vicinity of the subject parcels. Arsenic levels ranged from 72 to 508 mg/kg, exceeding both HDOH Tier 1 (Unrestricted) and Commercial/Industrial EALS.
Residual Pesticides Attributable to Legally Applied Pesticides	It is possible that residual levels of pesticides, herbicides, and/or termiticides (including but not limited to OCPs, chlordane, aldrin, dieldrin, heptachlor, and dichlorodiphenylchloroethane [commonly known as DDT]) are present in the soil beneath and in the vicinity of the former structures at the site.
Asbestos-cement Piping	Asbestos-cement piping may have been used in the potable water distribution systems, sanitary sewer, and storm drains built prior to the 1980s. Over time the gradual degradation of the piping in the form of corrosion (i.e., internal calcium leaching due to conveyed water and/or external leaching due to groundwater) can occur. The crushing of asbestos-cement pipe with mechanical equipment causes this material to become a regulated asbestos-containing material.
PCBs	Fluorescent light fixtures were identified at E2 Parcel A: 525 Kalanianaʻole Street, E2 Parcel B: 595K LLC.
Stormwater Runoff Concerns	Stormwater runoff impacted by potentially hazardous material like trash and debris, nutrients, sediment, metals, oxygen demanding substances, petroleum products, and bacteria/pathogens may be discharged into stormwater drain inlets, French drains, dry wells, and other drainage structures that lead to waterways.
Grease Trap	A grease trap was noted at E2 Parcel B: 595K LLC within a restaurant at the site. It is not known if the grease trap has been properly maintained. Grease traps can generate flammable and toxic gases over time. These gases can include methane, hydrogen sulfide, carbon monoxide, carbon dioxide, and/or other gases depending on the greases, oils, and fats in the trap.
Cesspools	HDOH records indicate that a cesspool was installed on E2 Parcel B in 2006 (located five feet to the northwest of the northwest corner of the existing restaurant) and at E2 Parcel D in 1999 (located between the locker room and craft center to the north of the warehouse). It is not known if the cesspool has been closed as the property is now connected to the municipal sewer system. Discharge of raw, untreated sewage to a cesspool can contaminate oceans, streams, and groundwater by releasing disease-causing pathogens and nitrates. Act 125 was passed in the 2017 legislative session and require the replacement of all cesspools by 2050.
Solid waste	Solid waste may cause public health concerns, the potential for groundwater contamination, an increase in vectors, and sanitation issues. Solid waste was observed within all the parcels.

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Category	Potential Environmental Concerns (PECs)
EDR Identified Sites	<p>The EDR database search identified the following sites; insufficient information was available to determine a hazard to the subject property:</p> <ul style="list-style-type: none"> • Five FUDS were identified within 1-mile of the subject property (General Lyman Field, Marine Storage, Marine Corps Supply Services, Hoolulu Park Camp, and Naval Reserve Training Center). • E2 Parcel A: 525 Kalanianaʻole Street was identified on the SHWS database for Gaspro Hilo Herbicide Manufacturing Plant, and under the Resource Conservation and Recovery Act NonGen, FINDS, and ECHO databases for HGP, Inc. • EDR identified 15 unmappable sites. Unmappable sites cannot be plotted due to inaccurate or missing information in the environmental database record provided by its applicable agency.
Other Property Concerns	<p>A fuel pipeline release 25 years ago affected a "large area." Regulatory records and remediation documentation were not available for review for this specific event; however, Tesoro sent a letter to HOOH HEER Office requesting an NFA for a Release Response Report for a fuel oil release from a pipeline that was completed on January 26, 2000. No further documentation was available. It is likely that this fuel oil release is associated with pipeline release near the golf course located approximately 1/2-mile west of the subject property.</p>

Section 9 Qualifications of Environmental Professionals

Qualifications of the Environmental Professionals are included in Appendix D.

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Section 10 References

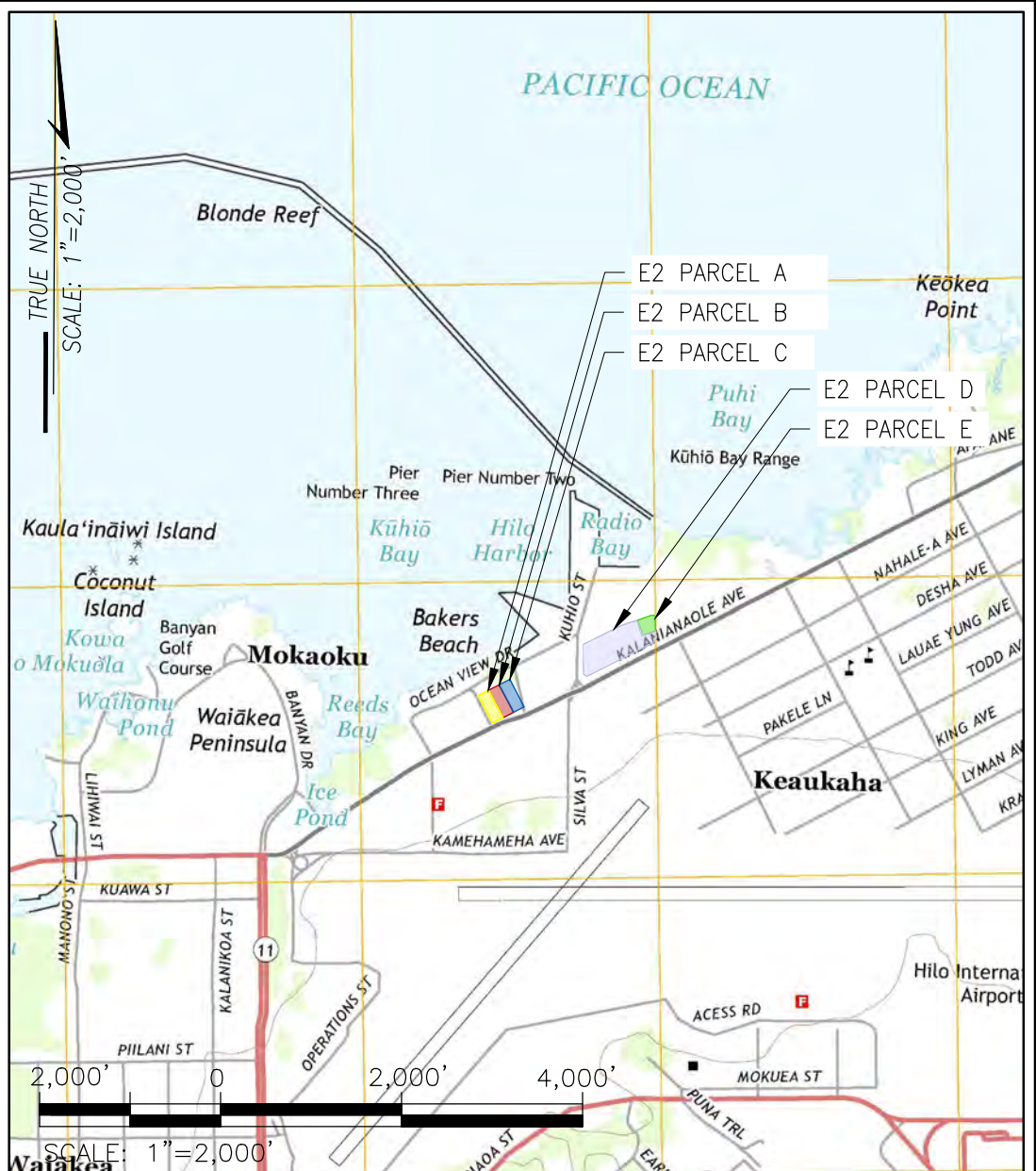
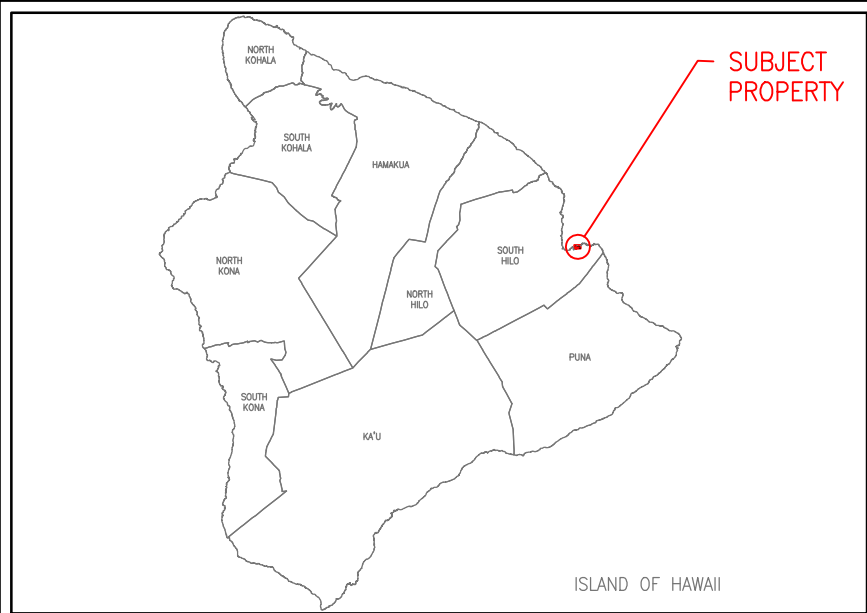
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APPENDIX A

FIGURES AND PHOTOGRAPHS

Figures



REFERENCES: STATE OF HAWAII 2017, USGS 2013, AND GOOGLE EARTH 2018

	DATE: AUG 2022	PROJECT TITLE: STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION, HILO, HAWAII, HAWAII RFP PROJECT NO. HAR-PM SW-2020-002
	FIGURE TITLE: SITE VICINITY AND LOCATION MAP	
		FIGURE NO.: 1

LEGEND:

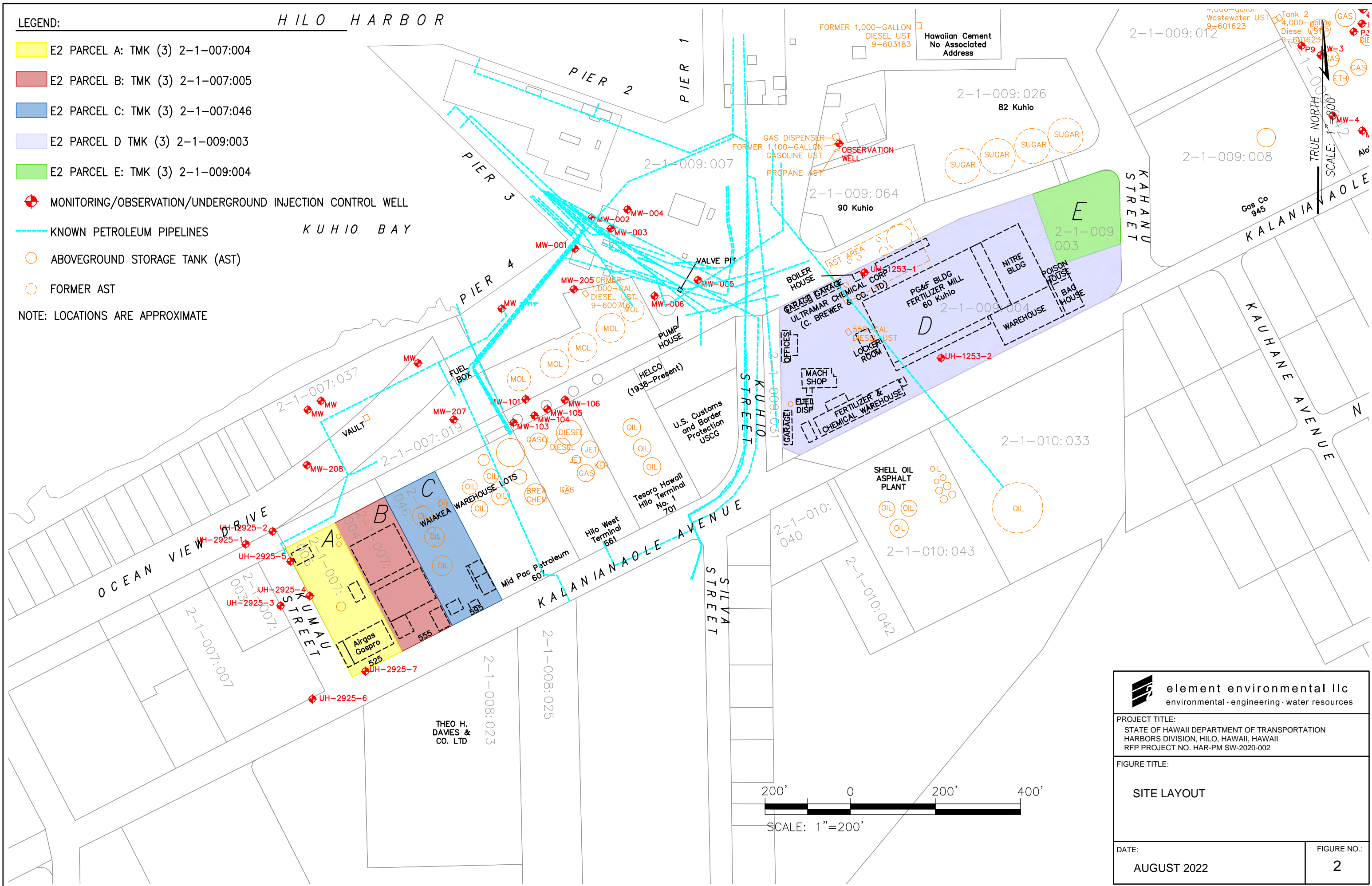
- E2 PARCEL A: TMK (3) 2-1-007:004
- E2 PARCEL B: TMK (3) 2-1-007:005
- E2 PARCEL C: TMK (3) 2-1-007:046
- E2 PARCEL D: TMK (3) 2-1-009:003
- E2 PARCEL E: TMK (3) 2-1-009:004


- + MONITORING/OBSERVATION/UNDERGROUND INJECTION CONTROL WELL
- KNOWN PETROLEUM PIPELINES
- ABOVEGROUND STORAGE TANK (AST)
- FORMER AST

NOTE: LOCATIONS ARE APPROXIMATE

HILO HARBOR

KUHIO BAY



 element environmental llc environmental · engineering · water resources	
PROJECT TITLE: STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION, HILO, HAWAII, HAWAII RFP PROJECT NO. HAR-PM SW-2020-002	
FIGURE TITLE: <p style="text-align: center; font-weight: bold;">SITE LAYOUT</p>	
DATE: <p style="text-align: center;">AUGUST 2022</p>	FIGURE NO.: <p style="text-align: center;">2</p>

Site Reconnaissance Photographs



Photo A1	Description
Photo Date 2/16/2022	A compressed-gas cylinder filling station and parking area (left) and a covered propane filling station (right).
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A3	Description
Photo Date 2/16/2022	Close-up of the covered propane filling station.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A2	Description
Photo Date 2/16/2022	Interior of the compressed-gas filling station.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

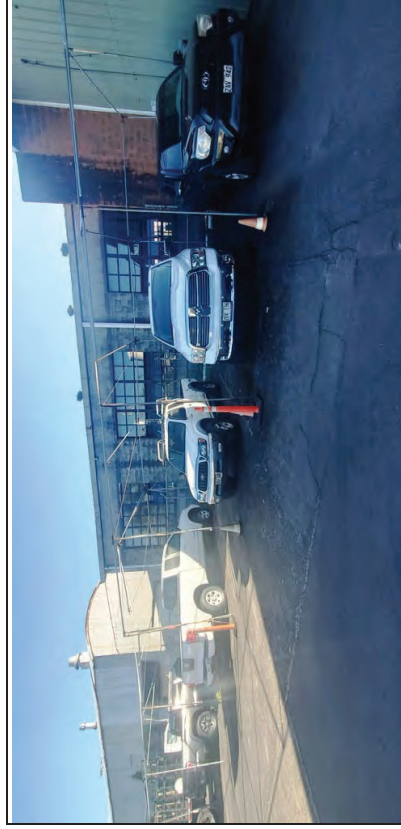


Photo A4	Description
Photo Date 2/16/2022	Vehicle parking on former building foundation.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A5	Description
Photo Date	Two large compressed-gas ASTs containing nitrogen and oxygen.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (b+k)



Photo A7	Description
Photo Date	Stored compressed-gas cylinders.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (b+k)



Photo A6	Description
Photo Date	A water connection along Kumau Street.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (b+k)



Photo A8	Description
Photo Date	Several compressed-gas cylinders within the warehouse.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (b+k)



Photo A9	Description
	Several compressed-gas cylinders.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo A11	Description
	Several compressed-gas cylinders within the filling station.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo A10	Description
	Several compressed-gas cylinders.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo A12	Description
	Several compressed-gas cylinders.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo A13	Description
Photo Date	Two flammable material lockers within the warehouse.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)

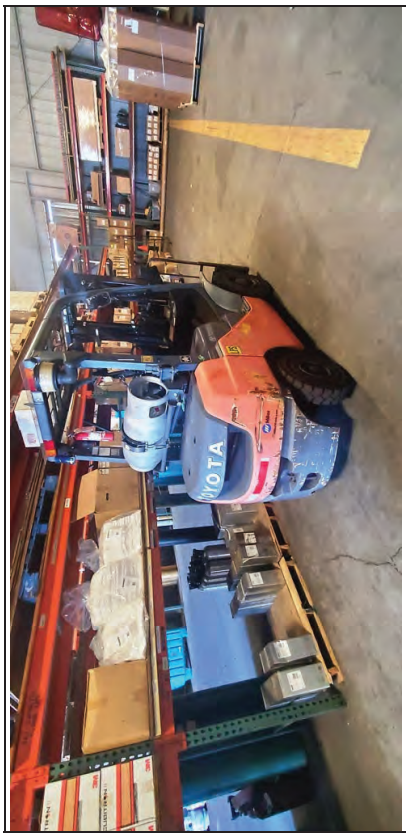


Photo A15	Description
Photo Date	A propane-powered forklift parked within the warehouse.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)

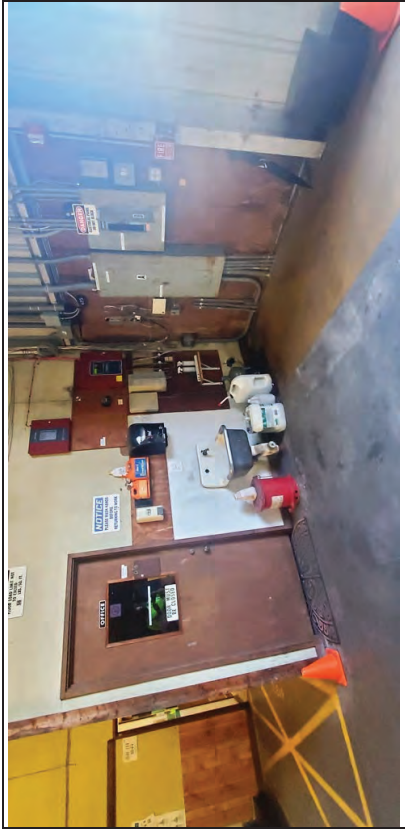


Photo A14	Description
Photo Date	Small quantities of cleaning chemicals stored around a wash sink.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)



Photo A16	Description
Photo Date	A rodent bait station.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)



Photo A17	Description
Photo Date 2/16/2022	Creosote staining on the pavement beneath a utility pole.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

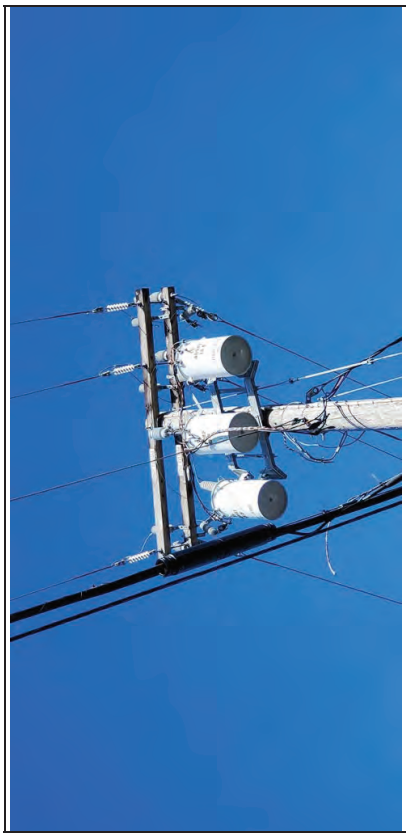


Photo A19	Description
Photo Date 2/16/2022	Three pole-mounted transformers along Kumau Street.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A18	Description
Photo Date 2/16/2022	A fuel oil pipeline warning sign along Kalaniana'ole Avenue.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

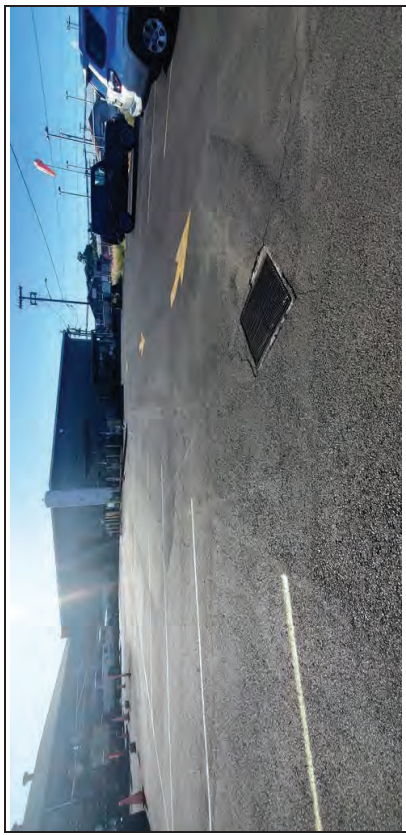


Photo A20	Description
Photo Date 2/16/2022	A square stormwater drain inlet.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A21	Description
Photo Date 2/16/2022	A curb-cut stormwater runoff channel from the subject parcel onto Kumau Street.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

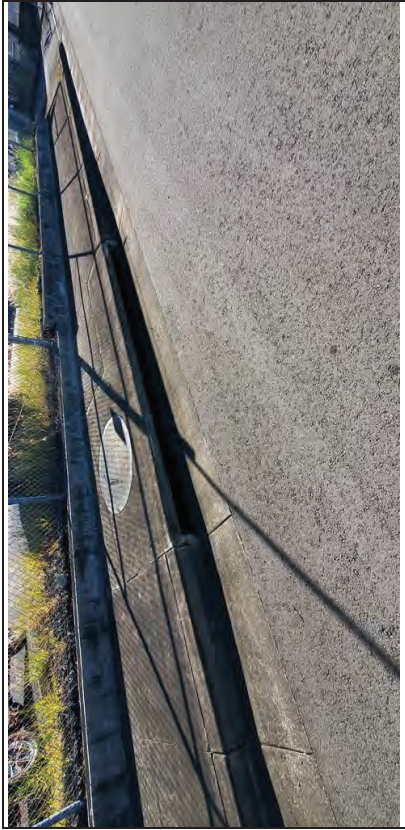


Photo A22	Description
Photo Date 2/16/2022	A curb-cut stormwater drain inlet along Kumau Street.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

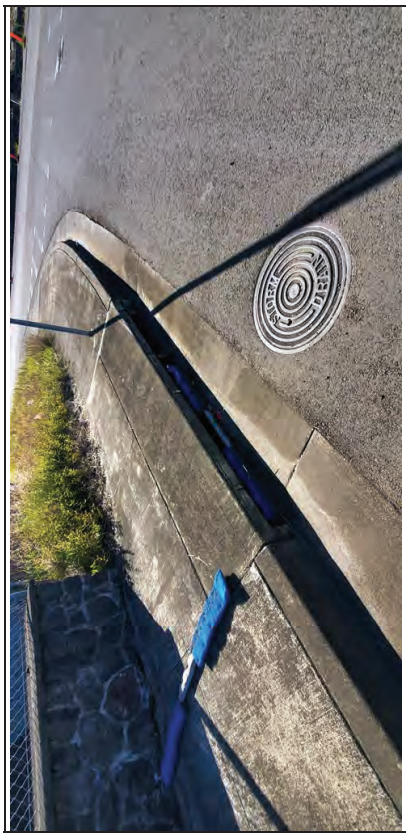


Photo A23	Description
Photo Date 2/16/2022	BMPs within and around a curb-cut stormwater drain inlet along Kumau Street near an intersection with Kalamianaole Avenue.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo A24	Description
Photo Date 2/16/2022	De minimis petroleum staining within the parking area.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

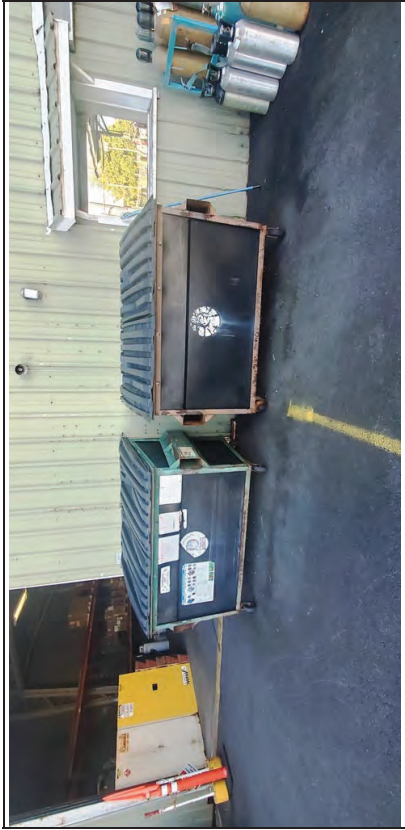


Photo A25	Description
Photo Date	Two 4-yd ³ slant dumpsters serviced by Business Services Hawaii.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Bowers + Kubota Consulting (B+K)
	Client



Photo B1	Description
Photo Date 2/17/2022	Interior of the north warehouse. A commercial kitchen in the background.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

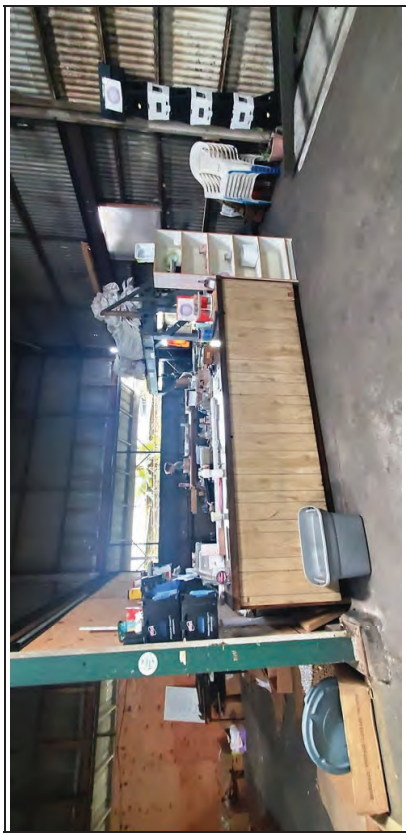


Photo B3	Description
Photo Date 2/17/2022	Interior of the north warehouse. A plastic recycling business.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B2	Description
Photo Date 2/17/2022	Interior of the north warehouse. Stacked waste cardboard.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B4	Description
Photo Date 2/17/2022	Interior of the north warehouse. Stored furniture and a washing machine and utility sink.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B5	Description
Photo Date 2/16/2022	A covered exterior space was observed between the north and central warehouses.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B7	Description
Photo Date 2/16/2022	The retail building within the south portion of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B6	Description
Photo Date 2/16/2022	The central warehouse located within the central portion of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

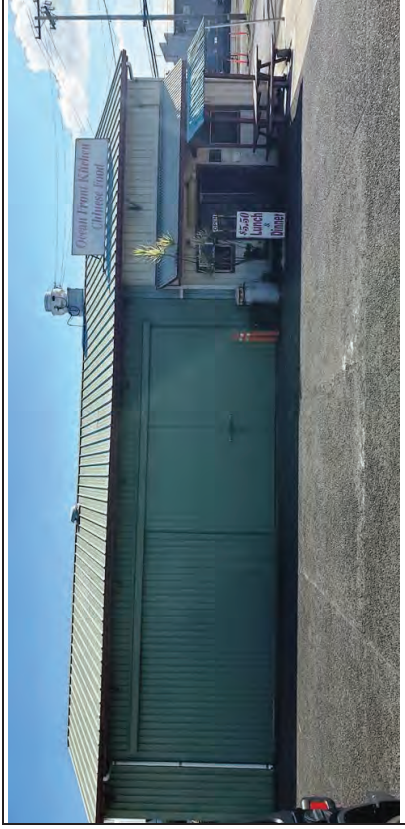


Photo B8	Description
Photo Date 2/16/2022	The restaurant/southern warehouse in the southeast corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B9	Description
Photo Date 2/17/2022	Large commercial equipment leftover from former commercial food manufacturing and processing activities within the north warehouse.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B10	Description
Photo Date 2/16/2022	Solid waste stored in the northwest corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B11	Description
Photo Date 2/16/2022	Tires, wood pallets, PVC piping, and large appliances and air conditioners stored in the northwest corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

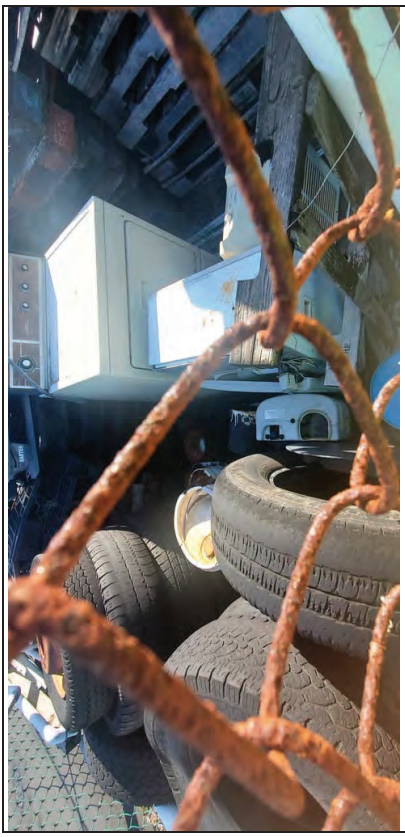


Photo B12	Description
Photo Date 2/16/2022	Multiple 1-gallon containers and a 5-gallon bucket of unknown contents within the northwest corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B13	Description
Photo Date	A large derelict gas water heater within the northwest corner of the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B15	Description
Photo Date	A portable air-compressor and two portable generators within the central warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B14	Description
Photo Date	A circular cut in the asphalt pavement within the northeast corner of the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B16	Description
Photo Date	Fluids leaking from one of the portable generators within the central warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

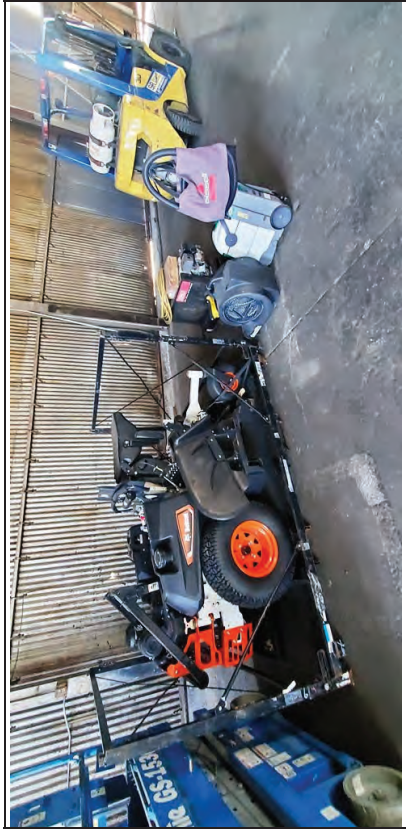


Photo B17	Description
Photo Date	A gasoline-powered lawn mower within the central warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client
	Bowers + Kubota Consulting (B+K)



Photo B18	Description
Photo Date	A propane-powered forklift within the central warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client
	Bowers + Kubota Consulting (B+K)

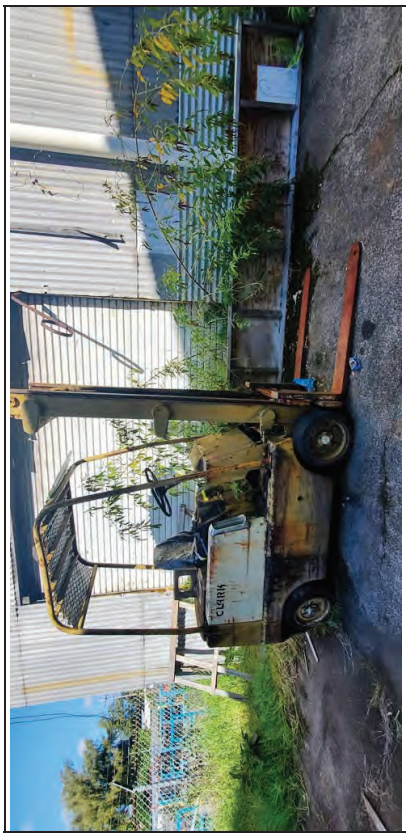


Photo B19	Description
Photo Date	A derelict gasoline- or diesel-powered forklift between the north and central warehouses.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client
	Bowers + Kubota Consulting (B+K)



Photo B20	Description
Photo Date	A derelict propane-powered forklift and an associated lead-acid battery within the north warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client
	Bowers + Kubota Consulting (B+K)



Photo B21	Description
Photo Date 2/16/2022	Two lead-acid battery-powered scissor lifts within the central warehouse.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B23	Description
Photo Date 2/17/2022	A lead-acid battery and a 5-gallon bucket of petroleum-based air compressor lubricant within the north warehouse adjacent to an electric air compressor.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B22	Description
Photo Date 2/17/2022	A natural-gas-powered burner, associated with a approximately 1,000-gallon water boiler system within the north warehouse.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B24	Description
Photo Date 2/16/2022	A connection to a natural-gas utility within the southwest corner of the retail building.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B25	Description
Photo Date	A waste oil collection pan and drum located northwest of the restaurant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B26	Description
Photo Date	A 55-gallon polyethylene drum containing waste oil located northwest of the restaurant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B27	Description
Photo Date	Automobile parts and an empty 1-gallon container with an illegible label within the covered exterior space.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo B28	Description
Photo Date	Two 1-gallon containers of automobile coolant within the covered exterior space.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

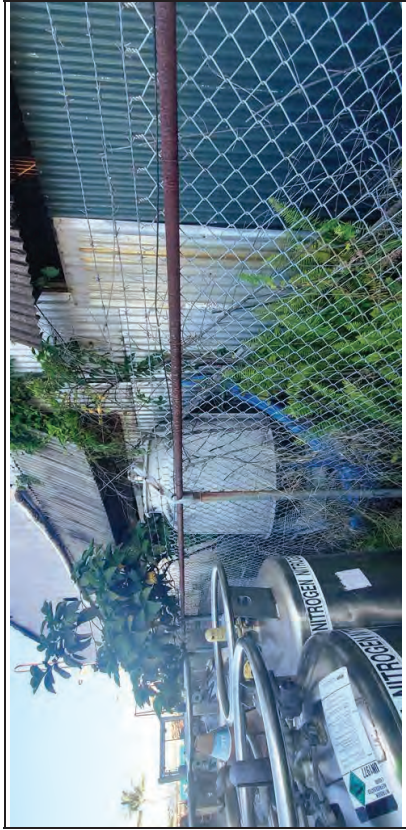


Photo B29	Description
	An approximately 1,000-gallon AST west of the north warehouse.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo B30	Description
	An approximately 2,500-gallon unlabeled AST associated with historical food processing activities within the north warehouse.
Photo Date	Site Name
2/17/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)

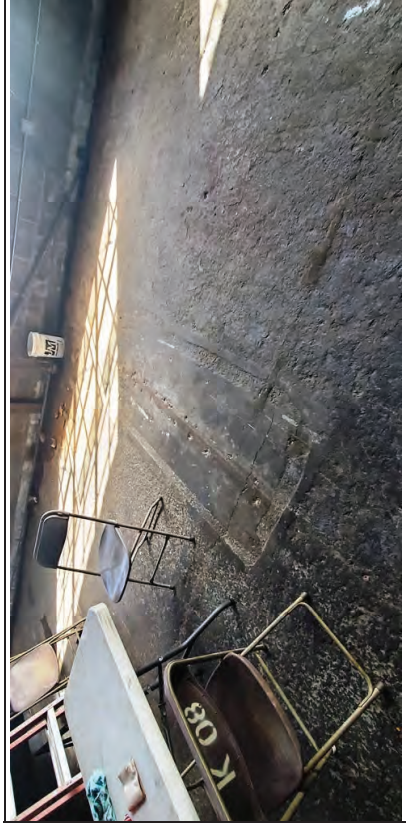


Photo B31	Description
	A concrete patch or former slab within the central warehouse.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo B32	Description
	Two polyethylene containers of unknown contents, waste tires, and construction and demolition debris within the northwest corner of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo B33	Description
Photo Date 2/16/2022	Three pole-mounted transformers are located in the northeast corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

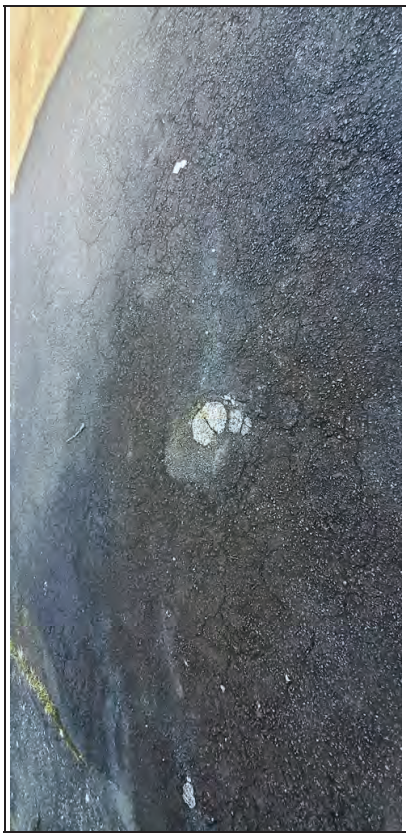


Photo B35	Description
Photo Date 2/16/2022	Circular concrete patching in the north portion of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B34	Description
Photo Date 2/16/2022	Small patches of dried spilled paint were observed on asphalt pavement within the north portion of the subject property.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B36	Description
Photo Date 2/17/2022	A small patch of heavy petroleum staining beneath and around an electric water pump associated with the water boiler system in the north warehouse.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo B37	Description
	Three trash bins are used to collect solid waste within the north portion of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii. TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo B38	Description
	A damaged automobile wheel is located west of the retail space along the parcel boundary.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii. TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo C1	Description
Photo Date 2/16/2022	South portion of the warehouse/office building in the southeast corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

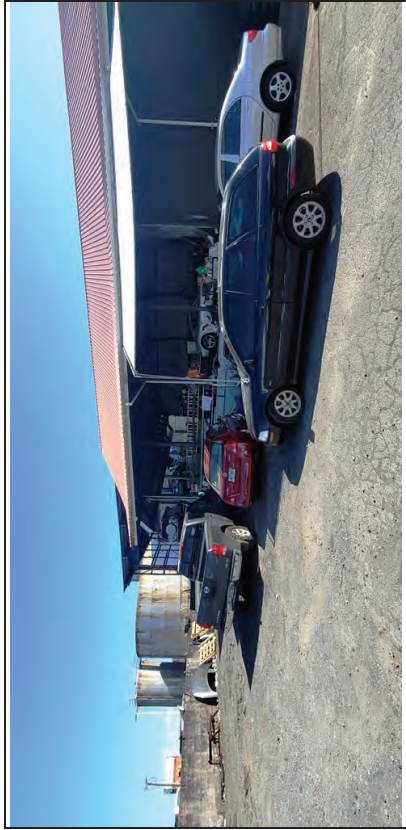


Photo C2	Description
Photo Date 2/16/2022	North portion of the warehouse/office building in the southeast corner of the subject parcel with the canopy/shop structure in the background.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

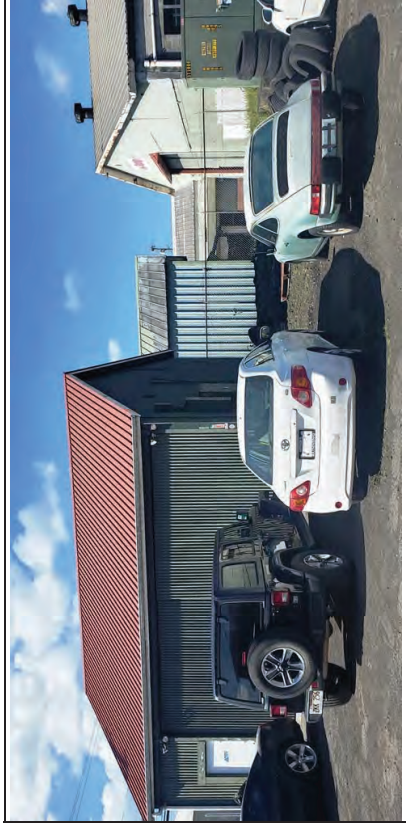


Photo C3	Description
Photo Date 2/16/2022	A garage structure in the southwest corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

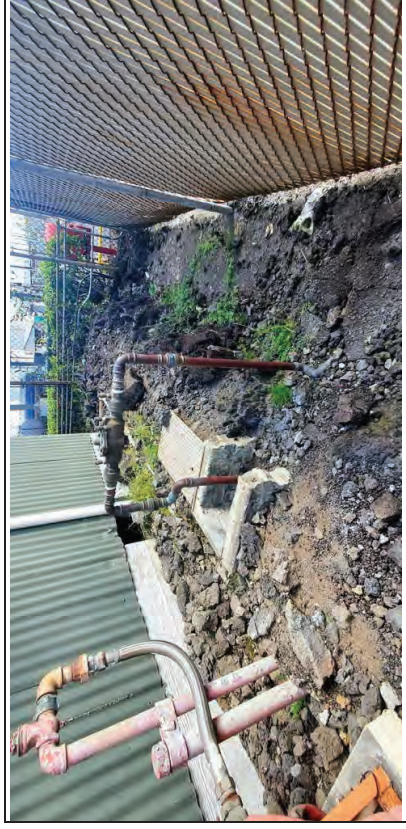


Photo C4	Description
Photo Date 2/16/2022	Connection to the municipal water supply.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C5	Description
Photo Date 2/16/2022	Connection to the municipal sewer system.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo C7	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo C6	Description
Photo Date 2/16/2022	More than 50 derelict vehicles and a boat were stored within the subject parcel.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo C8	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo C9	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C10	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

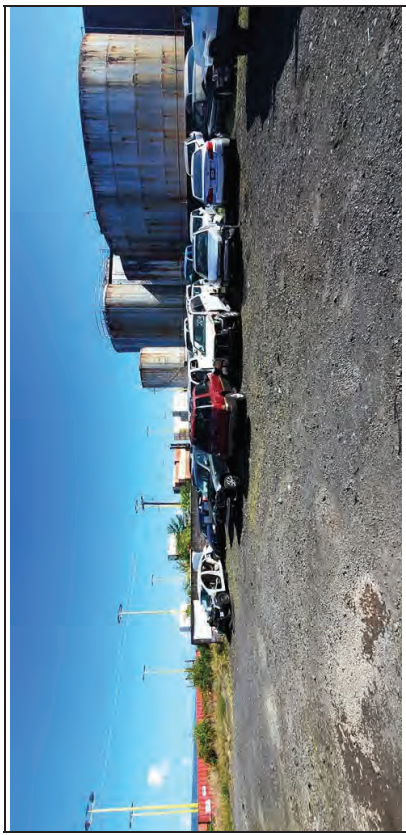


Photo C11	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

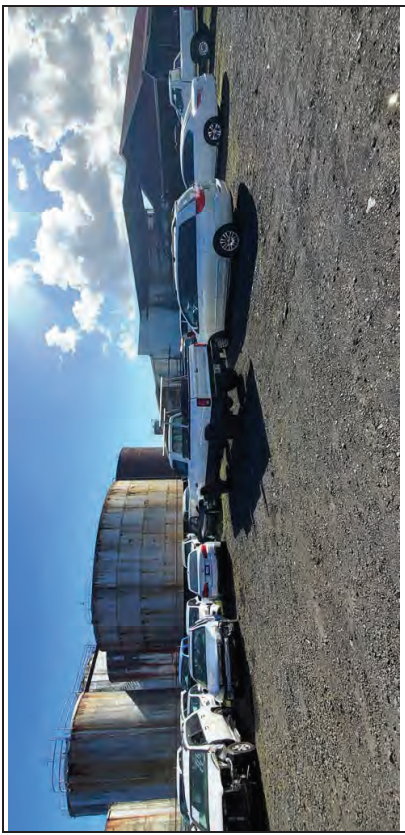


Photo C12	Description
Photo Date 2/16/2022	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C13	Description
Photo Date	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)

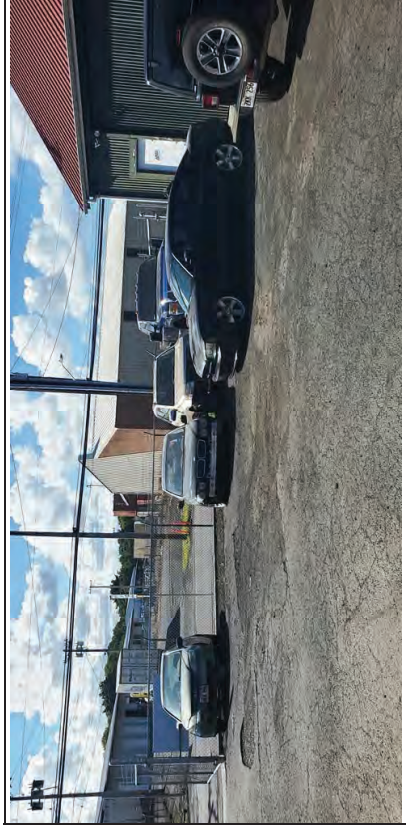


Photo C15	Description
Photo Date	Several derelict vehicles stored along the south boundary of the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C14	Description
Photo Date	More than 50 derelict vehicles were stored within the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C16	Description
Photo Date	Three unlabeled 55-gallon drums, automobile parts, and other miscellaneous solid waste stored west of the garage structure.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C17	Description
Photo Date 2/16/2022	An automobile motor, a chemical applicator and its tank, and other miscellaneous solid waste stored north of the garage structure.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C19	Description
Photo Date 2/16/2022	Two aboveground hydraulic lifts within the canopy/shop. Automobile parts, drums, petroleum products, and hazardous substances are stored throughout this area.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C18	Description
Photo Date 2/16/2022	A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C20	Description
Photo Date 2/16/2022	A single unlabeled 55-gallon steel drum within the center portion of the parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

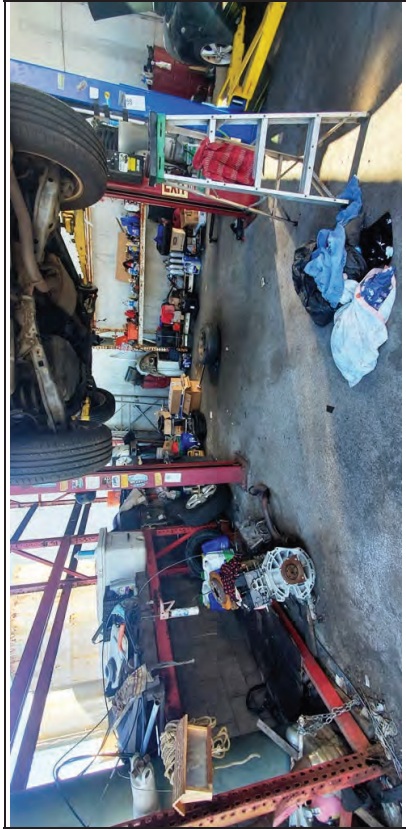


Photo C21	Description
Photo Date	Automobile parts, petroleum products, and hazardous substances improperly stored within the shop/canopy area. Lack of good housekeeping practices and petroleum staining of concrete were also observed.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)

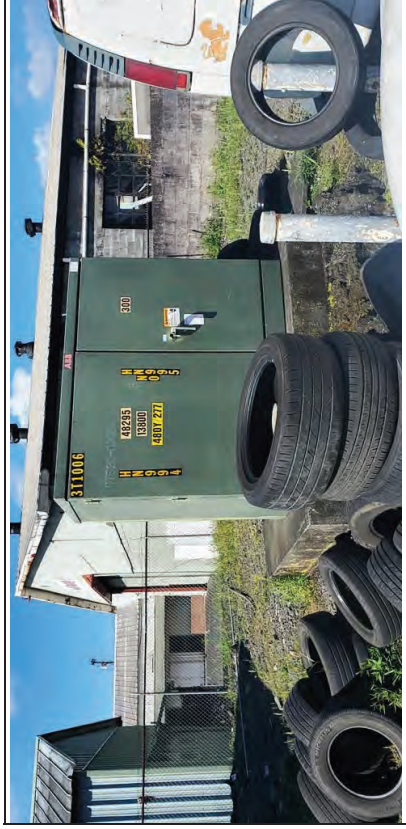


Photo C23	Description
Photo Date	Transformer 48295 within vault 3T1006. This transformer has a "No-PCBs" label. Several tires are stored around the transformer.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C22	Description
Photo Date	An unlabeled 55-gallon steel drum, several tires, and other miscellaneous waste associated with junkyard operations north of the garage structure.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C24	Description
Photo Date	A patch of petroleum product adjacent to an unlabeled 55-gallon steel drum on its side within the south portion of the subject parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo C25	Description
	Three pole-mounted transformers on the north boundary of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo C27	Description
	A patch of petroleum product that has been released to bare ground in the south portion of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo C26	Description
	A patch of petroleum product that has been released to bare ground in the south portion of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)

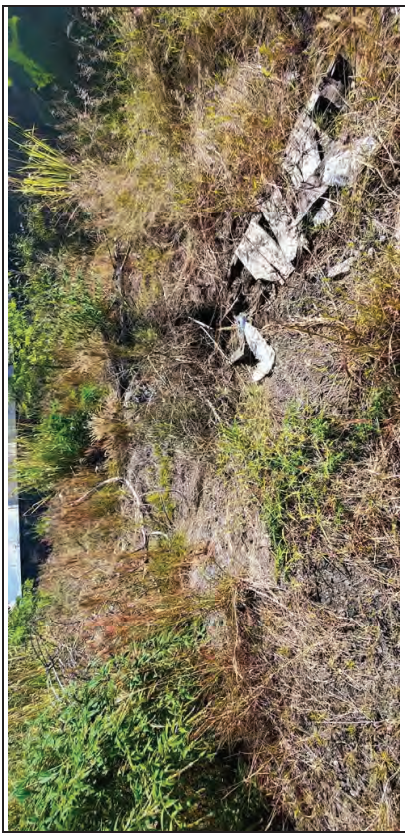


Photo C28	Description
	A stockpile of green waste and gravel was observed in the north portion of the subject parcel.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo C29	Description
Photo Date	A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

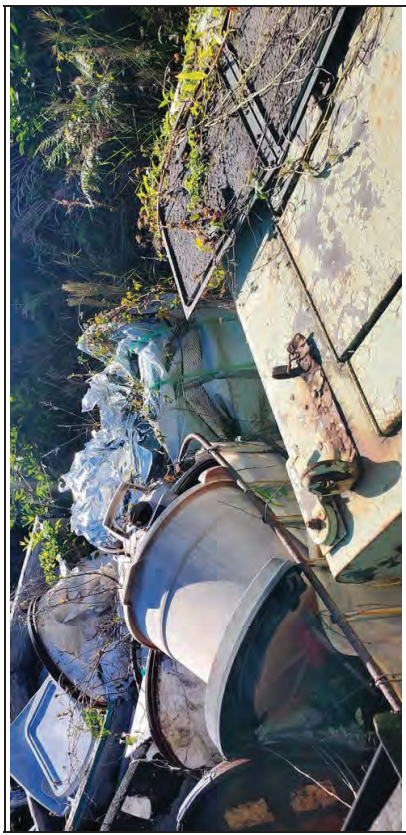


Photo C31	Description
Photo Date	A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo C30	Description
Photo Date	A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

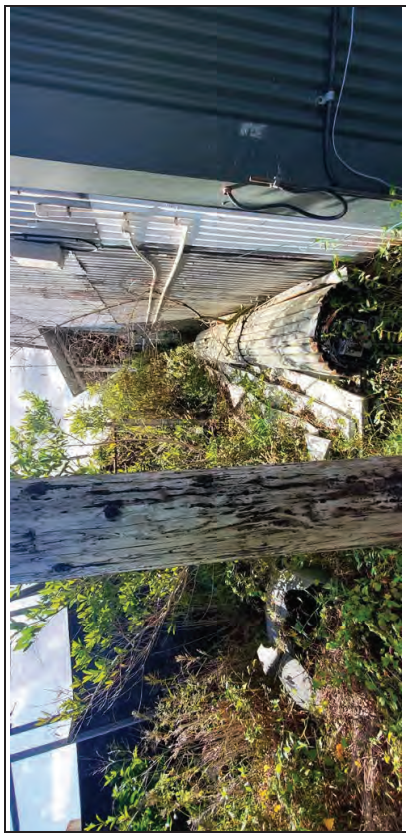


Photo C32	Description
Photo Date	A stockpile of wood pallets, large appliances, unlabeled 5-gallon buckets, automobile parts, electrical equipment, and other municipal waste was observed in the northwest portion of the parcel.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

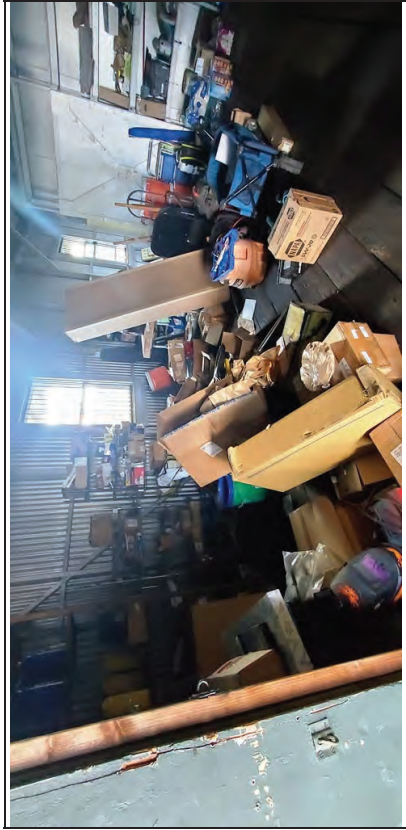


Photo C33	Description
Photo Date 2/16/2022	Stored equipment, petroleum products, hazardous substances, and other miscellaneous items within the warehouse/office.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

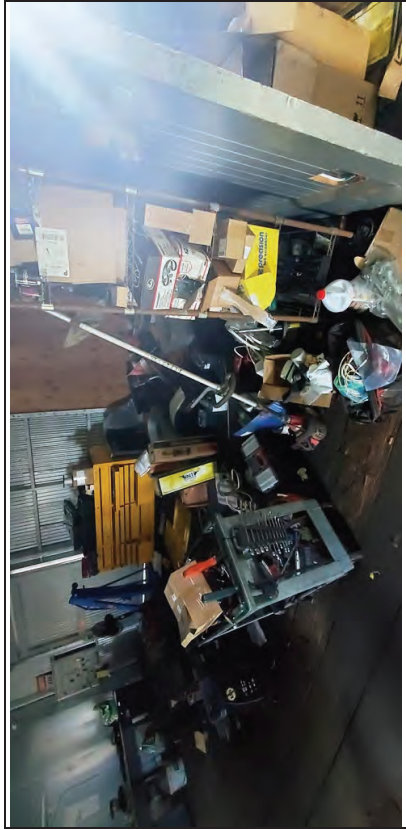


Photo C34	Description
Photo Date 2/16/2022	Stored equipment, petroleum products, hazardous substances, and other miscellaneous items within the warehouse/office.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

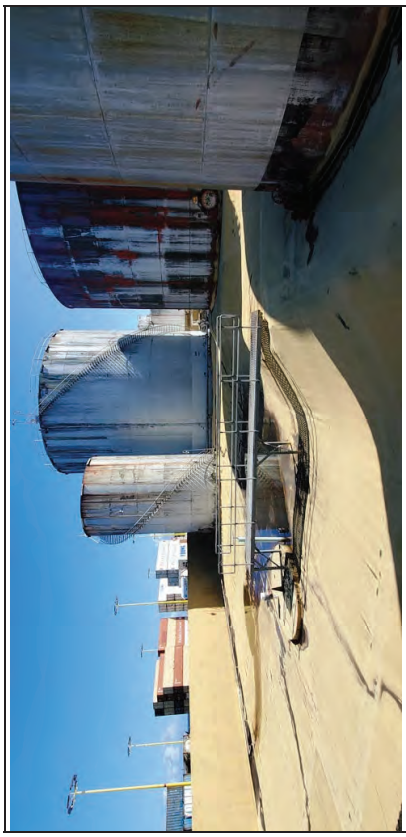


Photo C35	Description
Photo Date 2/16/2022	Large unlabeled ASTs on an adjacent parcel to the east of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C36	Description
Photo Date 2/16/2022	Large unlabeled ASTs on an adjacent parcel to the east of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo C37	Description
Photo Date 2/16/2022	A bulk fuel terminal adjacent to the southeast of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D1	Description
Photo Date 2/17/2022	The south wall of the central portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D2	Description
Photo Date 2/16/2022	North side of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D3	Description
Photo Date 2/17/2022	The south wall of the central portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D4	Description
Photo Date 2/16/2022	North side of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D5	Description
Photo Date	Metal roofing panels are stored and vehicles are parked in the demolished portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D7	Description
Photo Date	Interior of the west portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

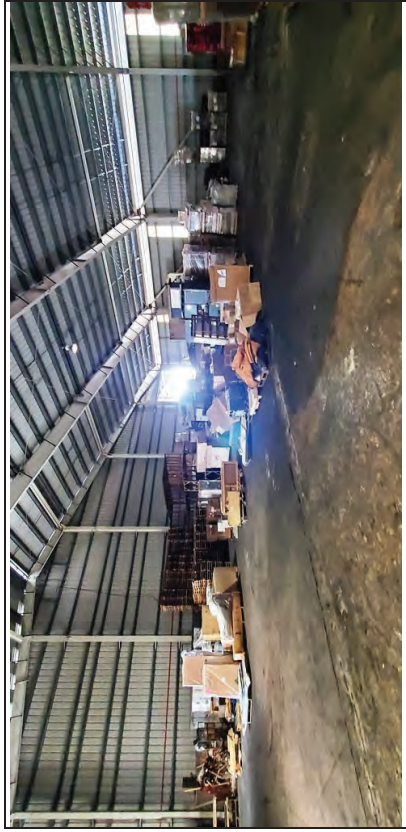


Photo D6	Description
Photo Date	Interior of the central portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D8	Description
Photo Date	The former PG&F Bag House (right) and the recently renovated east portion of the former PG&F Plant (left).
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D9	Description
Photo Date 2/16/2022	Sanitary sewer systems were observed within the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D11	Description
Photo Date 2/17/2022	A petroleum-powered forklift is stored under Carport 3.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D10	Description
Photo Date 2/17/2022	A large petroleum-powered forklift and a 6-yd ³ siant dumpster south of Carport 1.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D12	Description
Photo Date 2/17/2022	Multiple 55-gallon drums of petroleum products and hazardous substances are stored within Carport 3.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D13	Description
Photo Date	Multiple small containers of petroleum products and hazardous substances are stored within Carport 3.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)

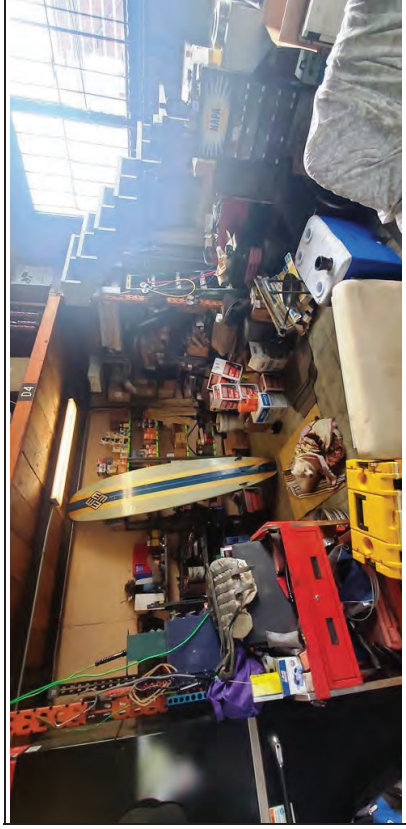


Photo D15	Description
Photo Date	Petroleum products and hazardous substances stored within Keoki's Auto Repair.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)

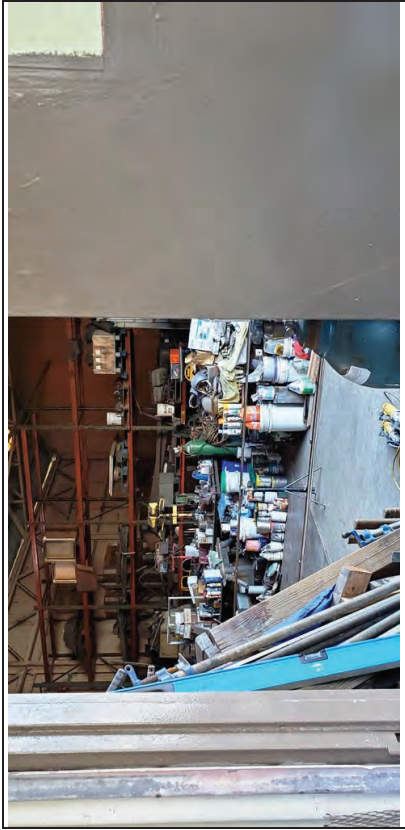


Photo D14	Description
Photo Date	Hazardous substances stored within the Chemical House.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)



Photo D16	Description
Photo Date	Petroleum products, hazardous substances, a lead-acid battery, and flammable liquid storage north of the Chemical House.
E2 Project No.:	210042
Site Name	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
Client	Bowers + Kubota Consulting (B+K)



Photo D17	Description
Photo Date	An overhead vehicle lift within Keoki's Auto Repair.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D18	Description
Photo Date	An overhead vehicle lift within Keoki's Auto Repair.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D19	Description
Photo Date	An overhead vehicle lift, waste tire storage, and automobile parts within Keoki's Auto Repair.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

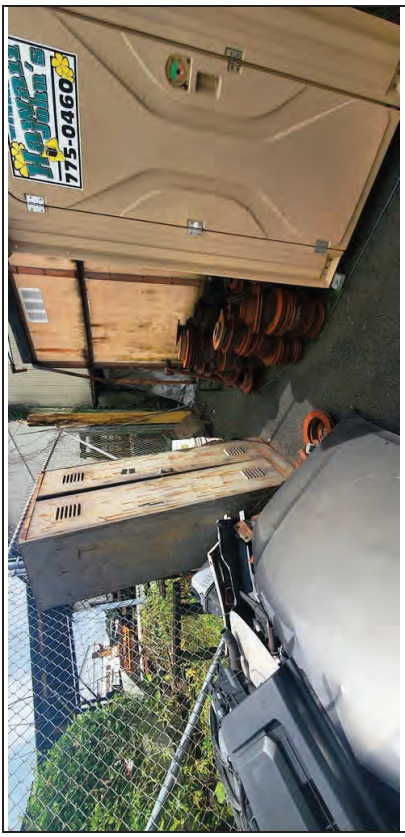


Photo D20	Description
Photo Date	Automobile parts and a portable chemical toilet outside of Keoki's Auto Repair.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D21	Description
Photo Date 2/17/2022	Automobile parts stored within Keoki's Auto Repair.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D23	Description
Photo Date 2/17/2022	Automobile parts, a lead-acid battery, solid waste collection bins, and petroleum staining on concrete within Keoki's Auto Repair.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D22	Description
Photo Date 2/17/2022	Automobile parts stored within Keoki's Auto Repair.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D24	Description
Photo Date 2/16/2022	A derelict forklift, derelict truck, and automobile parts are stored north of the Chemical House.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D25	Description
Photo Date	A derelict tractor and forklift and other solid waste are stored north of the Chemical House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D26	Description
Photo Date	Derelict equipment is stored north of the Chemical House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D27	Description
Photo Date	A gas tank and other automobile parts stored outside of Keoki's Auto Repair.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D28	Description
Photo Date	A 500-gallon AST containing petroleum product and two compressed gas cylinders within Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D29	Description
Photo Date	Petroleum staining on concrete associated with a 500-gallon AST within Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D31	Description
Photo Date	A gasoline-powered forklift parked within Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D30	Description
Photo Date	A 55-gallon capacity solvent-based parts washer and a lead-acid battery within Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D32	Description
Photo Date	Petroleum products, hazardous substances, lead-acid batteries, and automobile parts are stored within Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D33	Description
Photo Date 2/16/2022	Petroleum staining on concrete and a lead-acid battery within Chemical House 2.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D35	Description
Photo Date 2/16/2022	Multiple 55-gallon drums and smaller containers of petroleum products and hazardous substances stored north of Chemical House 2. Lead acid batteries and a portable AST are also present.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

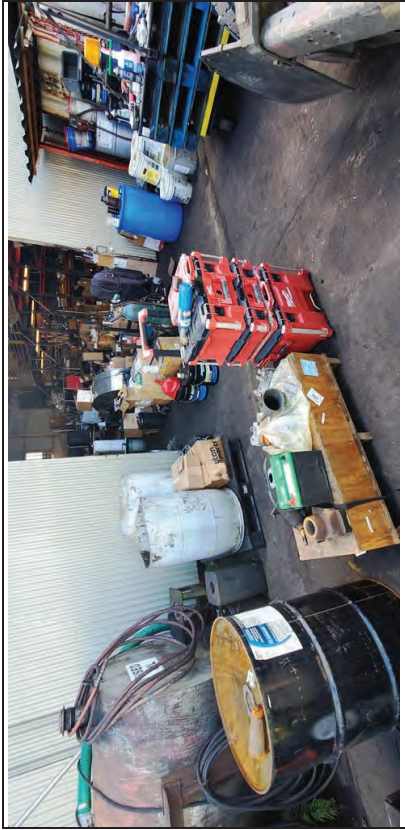


Photo D34	Description
Photo Date 2/16/2022	Multiple 55-gallon drums and smaller containers of petroleum products and hazardous substances stored north of Chemical House 2. A lead acid battery (bottom) and portable AST (left) are also present.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D36	Description
Photo Date 2/16/2022	A 55-gallon drum of petroleum products is stored between the Office and Chemical House 2.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D37	Description
Photo Date	A 55-gallon drum of used coolant and an automobile motor stored north of Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D38	Description
Photo Date	A derelict gasoline-powered forklift stored east of Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D39	Description
Photo Date	A gasoline-powered forklift and a lead-acid battery stored east of Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

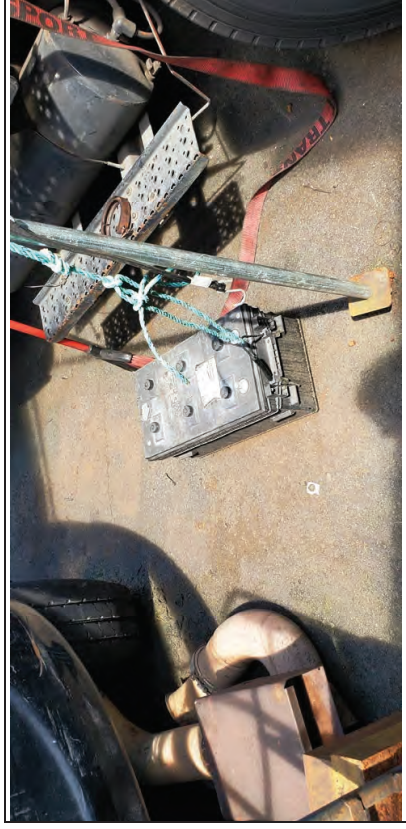


Photo D40	Description
Photo Date	A lead-acid battery used as a tie-down.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D41	Description
Photo Date	A propane AST east of Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)

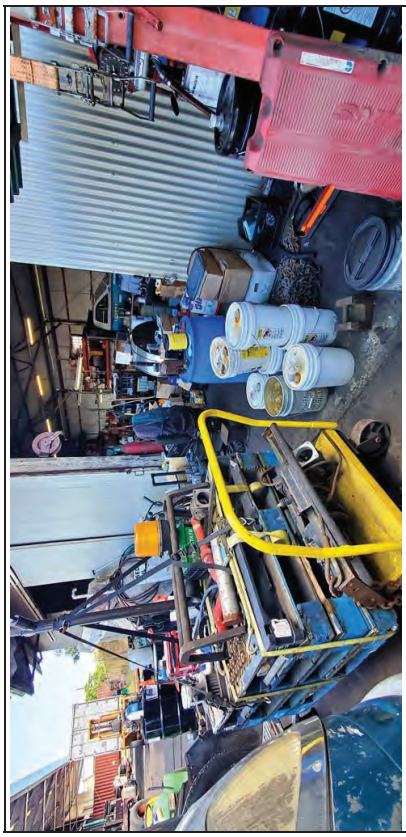


Photo D43	Description
Photo Date	Petroleum products, hazardous substances, a lead-acid battery, and automobile parts stored north of Chemical House 2.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D42	Description
Photo Date	Multiple 55-gallon drums of petroleum products north of Chemical House 2 and petroleum staining of concrete.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D44	Description
Photo Date	A propane AST west of the Office.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D45	Description
Photo Date	A 5-gallon drum of petroleum product and and smaller containers of hazardous substances within former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D47	Description
Photo Date	Multiple 5-gallon containers of gasoline and diesel fuel, 5-quart containers of antifreeze, and a 2-gallon container of roadway marking paint within the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D46	Description
Photo Date	Automobile parts, petroleum products, and hazardous substances are stored (right) within the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D48	Description
Photo Date	Storage of hazardous substances, tires, and a lead-acid battery within the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D49	Description
Photo Date	Derelict vehicles and waste tires stored north of the former PG&F Bag House. Staining was observed on the wood pallet and ground beneath the drums.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

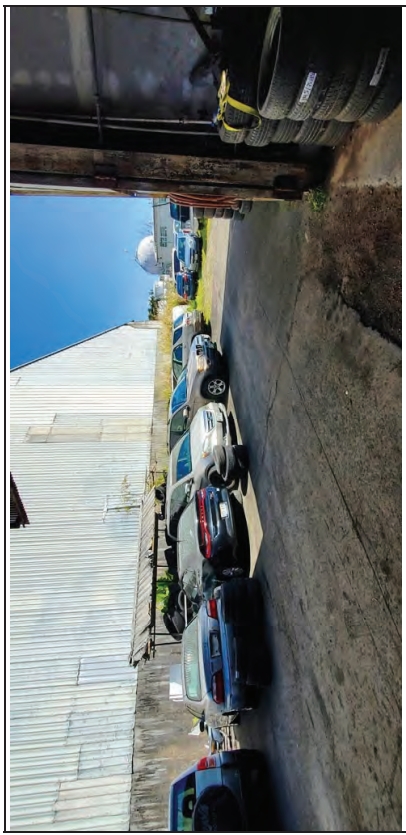


Photo D51	Description
Photo Date	Derelict vehicles and waste tires stored north of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

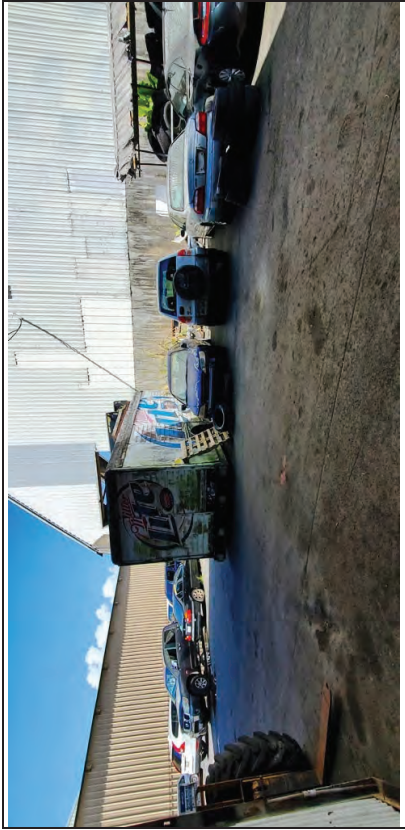


Photo D50	Description
Photo Date	Derelict vehicles and waste tires stored north of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D52	Description
Photo Date	Several derelict vehicles stored on bare soil east of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

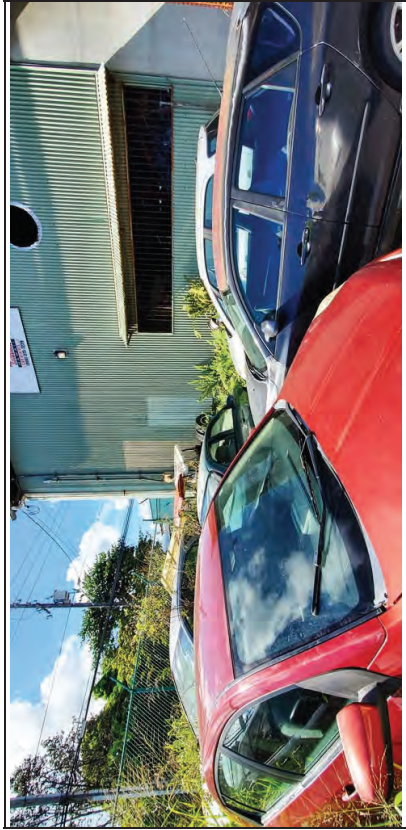


Photo D53	Description
Photo Date 2/16/2022	Several derelict vehicles stored on bare soil east of the former PG&F Bag House.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D54	Description
Photo Date 2/16/2022	Several derelict vehicles stored on bare soil northeast of the former PG&F Bag House.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

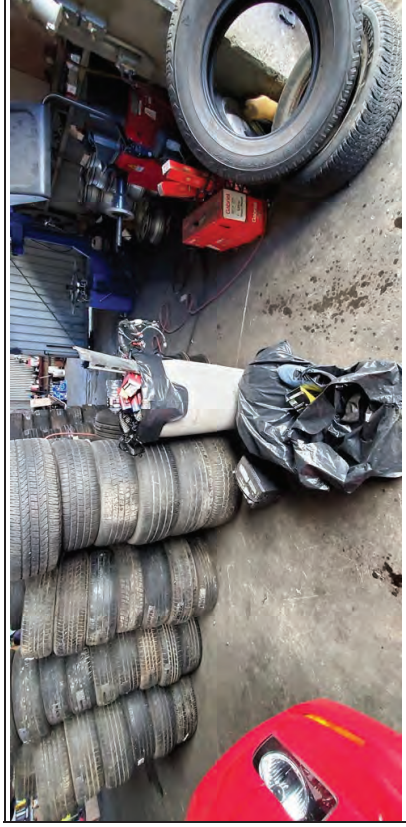


Photo D55	Description
Photo Date 2/16/2022	A large quantity of waste tires, a lead-acid battery, and solid waste collection within the former PG&F Bag House.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D56	Description
Photo Date 2/16/2022	Three above-ground hydraulic vehicle lifts and a 5-gallon waste fluid collection tank within the former PG&F Bag House.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D57	Description
Photo Date	A 2.5-gallon tank of hydraulic fluid associated with an above-ground vehicle lift within the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D59	Description
Photo Date	A gasoline-powered forklift, parked north of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D58	Description
Photo Date	Six 55-gallon drums containing petroleum products and hazardous substances, a solvent-based parts washer, and automobile parts within the former PG&F Bag House. Heavy petroleum staining on the concrete floor.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D60	Description
Photo Date	A gasoline tank, automobile parts, and other solid waste stored north of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D61	Description
Photo Date	Automobile parts, waste tires, a refrigerator, and other solid waste stored north of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D63	Description
Photo Date	Automobile parts, waste tires, and derelict vehicles, including a forklift, stored east of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D62	Description
Photo Date	Automobile parts, waste tires, and derelict vehicles stored east of the former PG&F Bag House.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D64	Description
Photo Date	Several pallets of hazardous substances stored within the central portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D65	Description
Photo Date	A boat and small amounts of hazardous substances stored in the west portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D66	Description
Photo Date	A corrosive materials cabinet stored in the central portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

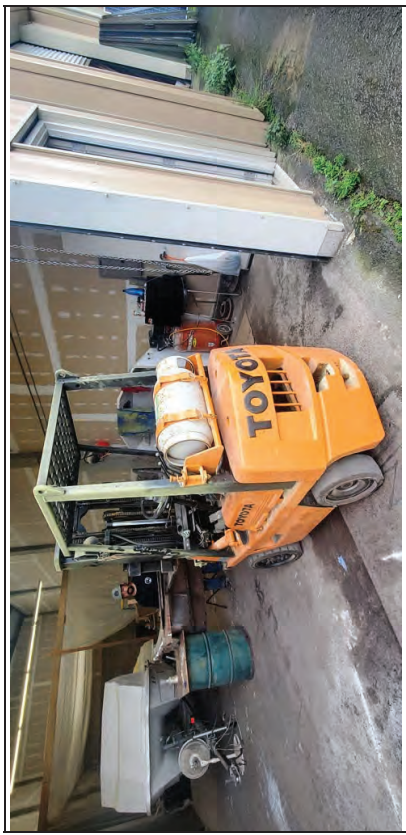


Photo D67	Description
Photo Date	A propane-powered forklift and a 55-gallon drum of unknown contents within the recently renovated portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

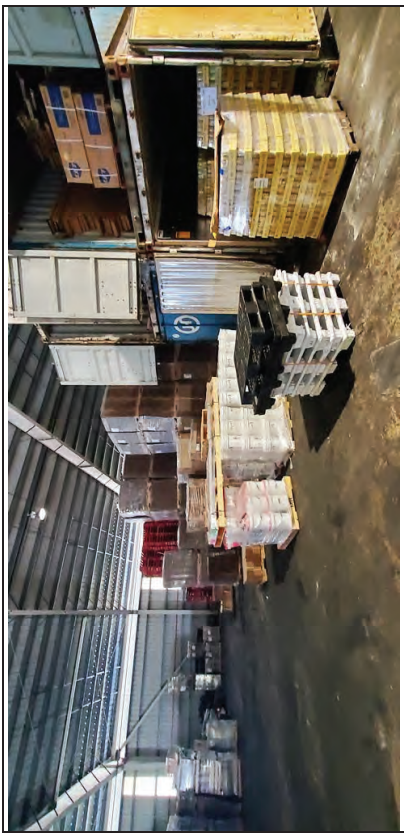


Photo D68	Description
Photo Date	Chemical storage within the central portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

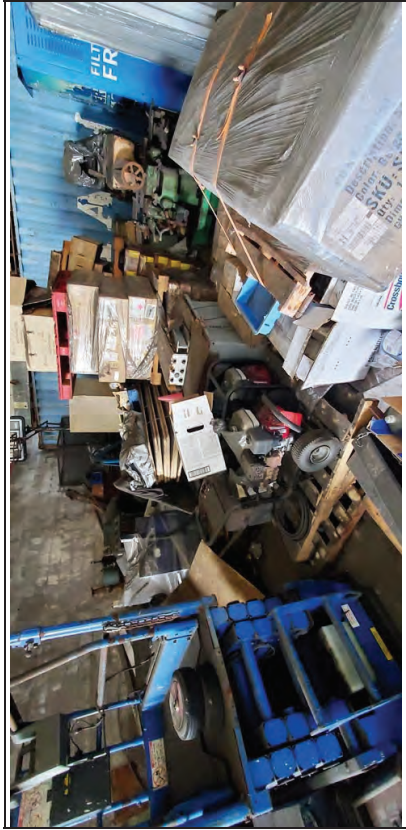


Photo D69	Description
Photo Date 2/16/2022	Gasoline-powered equipment and a lead-acid battery-powered scissor lift stored within the central portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

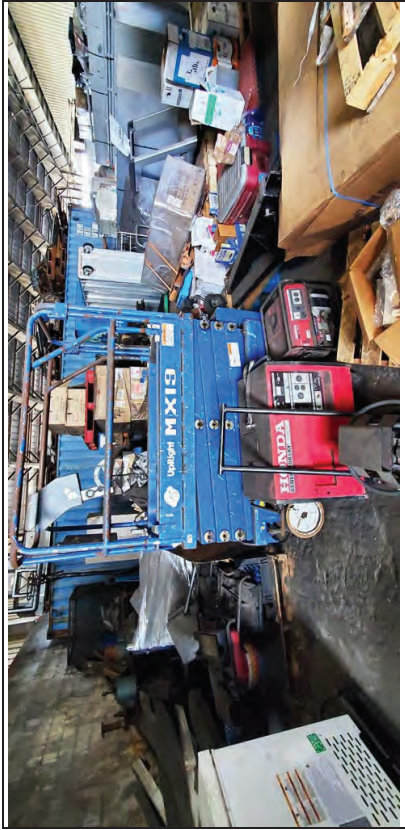


Photo D70	Description
Photo Date 2/16/2022	Gasoline-powered equipment, a lead-acid battery-powered scissor lift, and hazardous substances stored within the central portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D71	Description
Photo Date 2/16/2022	Hazardous substances stored within the central portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D72	Description
Photo Date 2/16/2022	Hazardous substances stored within the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D73	Description
Photo Date 2/16/2022	Hazardous substances stored within the west portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D75	Description
Photo Date 2/16/2022	Gasoline-powered equipment and a boat stored within the west portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D74	Description
Photo Date 2/16/2022	Nine 55-gallon drums, six with unknown contents, are stored south of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

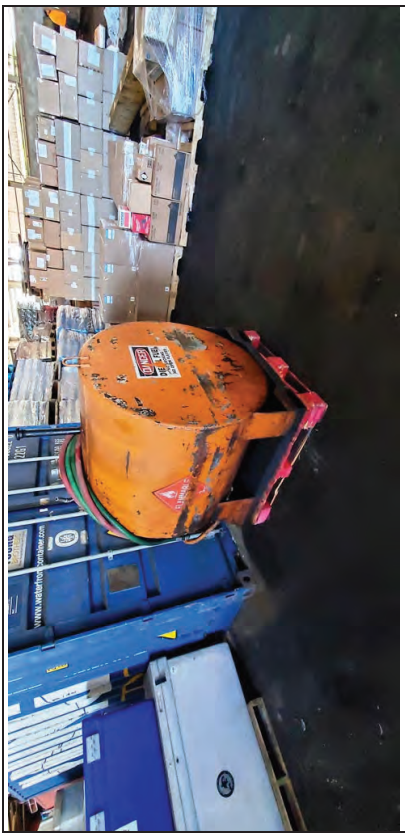


Photo D76	Description
Photo Date 2/16/2022	A portable diesel AST stored within the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

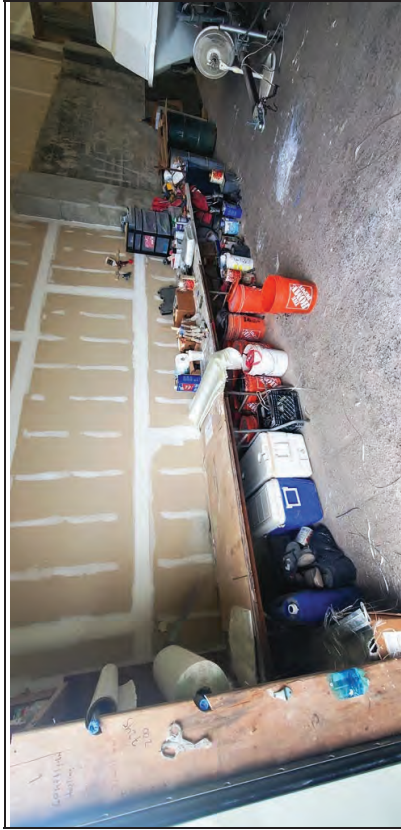


Photo D77	Description
Photo Date 2/17/2022	Two 55-gallon drums of unknown contents and hazardous substances associated with boat body repair.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D79	Description
Photo Date 2/16/2022	A 30-gallon drum of unknown contents stored within the demolished portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D78	Description
Photo Date 2/16/2022	Two large chlorine tanks and several compressed-gas cylinders stored within the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D80	Description
Photo Date 2/16/2022	A derelict petroleum-powered generator is stored south of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

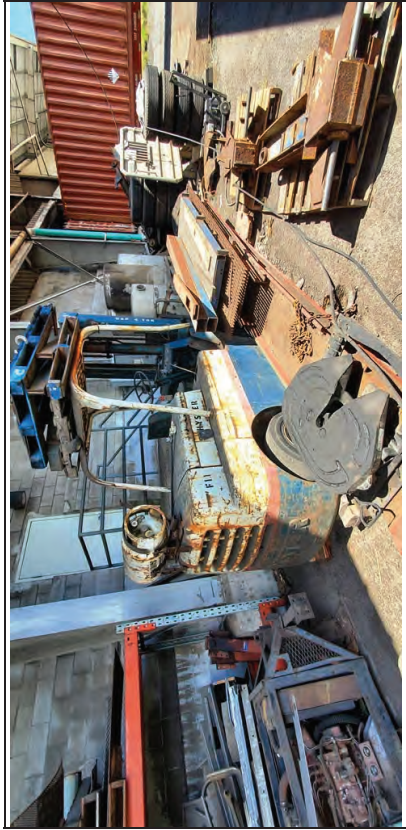


Photo D81	Description
Photo Date	A derelict propane-powered forklift, waste tires, and other solid waste is stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

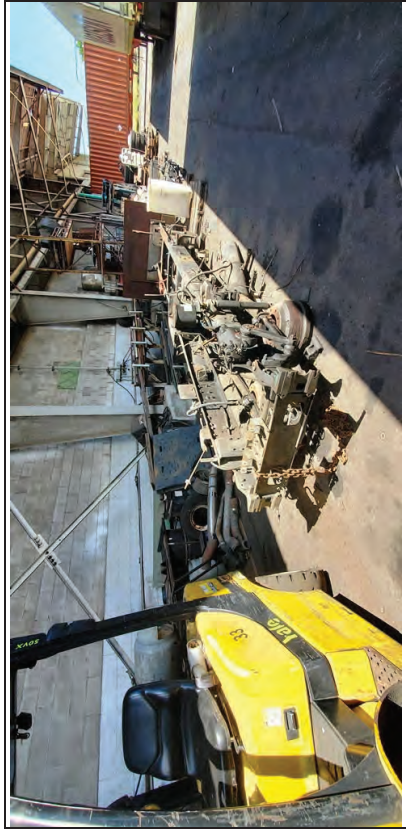


Photo D82	Description
Photo Date	A large truck frame, automobile parts, and other solid waste stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D83	Description
Photo Date	A portable diesel fuel AST is stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

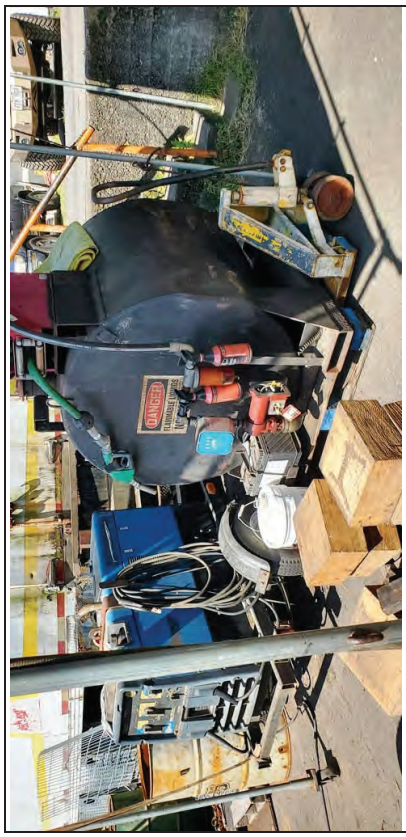


Photo D84	Description
Photo Date	A portable diesel fuel AST is stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D85	Description
Photo Date	A propane-powered forklift, automobile parts, and other solid waste stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

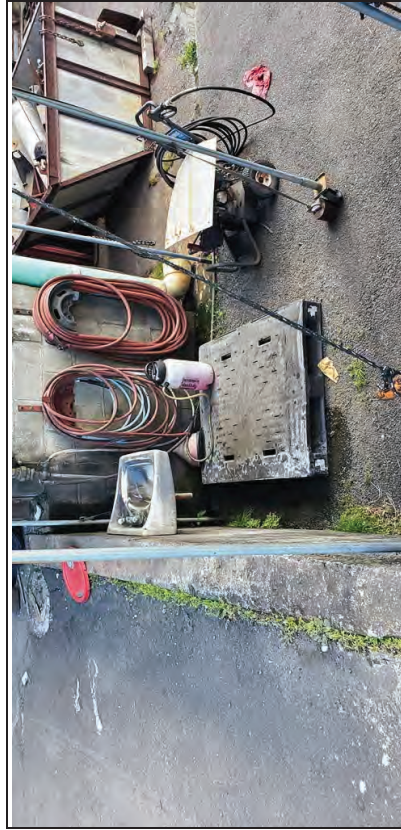


Photo D86	Description
Photo Date	A sink drains to the ground and 3-gallon sprayer of unknown contents are along the southwest corner of the PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D87	Description
Photo Date	Derelict industrial and commercial equipment, including large truck parts, stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D88	Description
Photo Date	A 5-gallon container of solvent stored west of the Warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D89	Description
Photo Date	A derelict propane-powered forklift and derelict vehicles stored on bare soil west of the Warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D91	Description
Photo Date	A portable AST, a smaller tank, two derelict forklifts, and vehicle parts are stored east of the Warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D90	Description
Photo Date	A derelict lawnmower, automobile parts, and a French drain south of the Warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D92	Description
Photo Date	Derelict vehicles stored west of the Warehouse.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo D93	Description
Photo Date	Petroleum-powered equipment stored between the Warehouse and the Store.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D94	Description
Photo Date	Vehicle storage, petroleum-powered equipment storage, and a 6-yd ³ slant dumpster north of the Warehouse and east of the Store.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D95	Description
Photo Date	A portable 500-gallon tank and waste tires stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D96	Description
Photo Date	A 4-yd ³ dumpster, multiple piles of solid waste, and multiple concrete patches are located in the demolished portion of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D97	Description
Photo Date 2/16/2022	A 4-yd ³ dumpster, multiple piles of solid waste, and multiple concrete patches are located in the demolished portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D98	Description
Photo Date 2/16/2022	An oil-water separator is located between the Office and Chemical House 2.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D99	Description
Photo Date 2/16/2022	Multiple 55-gallon drums containing recyclable containers.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D100	Description
Photo Date 2/16/2022	Multiple 55-gallon drums of unknown contents stored within the west portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

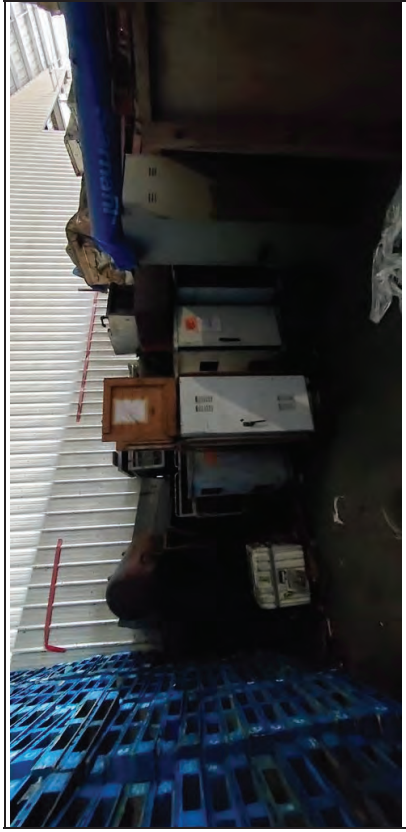


Photo D101	Description
Photo Date 2/16/2022	Derelict electrical equipment cabinets are stored within the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

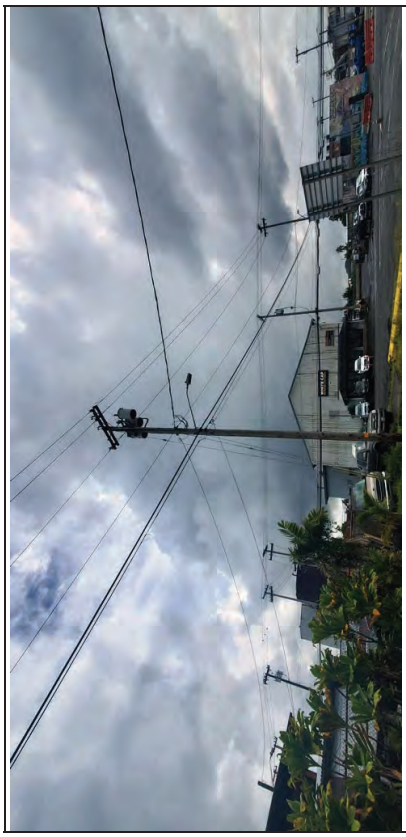


Photo D103	Description
Photo Date 2/17/2022	Three pole-mounted transformers along the west boundary of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D102	Description
Photo Date 2/17/2022	Three pole-mounted transformers along the northwest corner of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D104	Description
Photo Date 2/17/2022	Three pole-mounted transformers along the west boundary of the subject parcel.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D105	Description
Photo Date 2/16/2022	A heavy continuous petroleum sheen on ponding stormwater runoff.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D106	Description
Photo Date 2/17/2022	A heavy continuous petroleum sheen on stormwater runoff along the southwest corner of the subject property.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D107	Description
Photo Date 2/17/2022	A French drain empties to bare soil west of the Warehouse.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

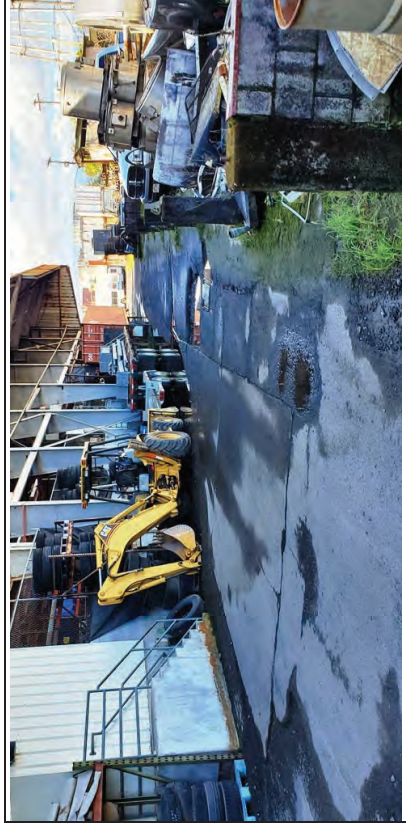


Photo D108	Description
Photo Date 2/16/2022	Stormwater runoff water ponding north of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

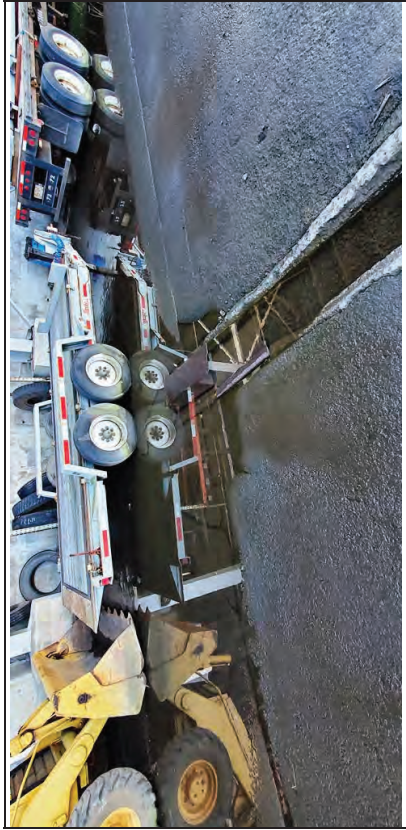


Photo D109	Description
Photo Date 2/16/2022	Stormwater runoff water ponding north of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

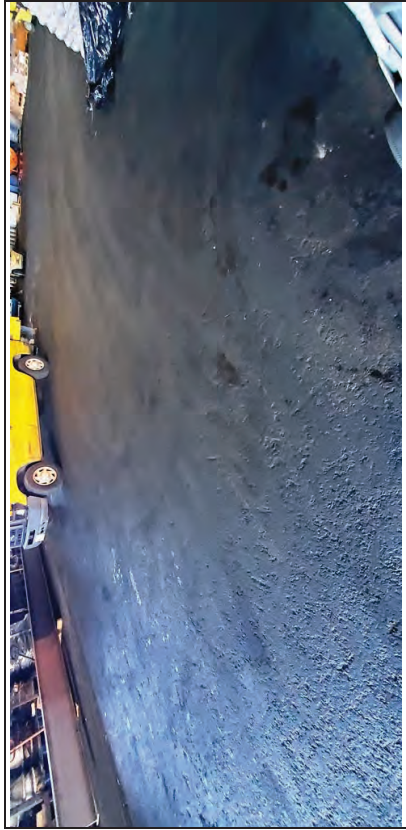


Photo D110	Description
Photo Date 2/16/2022	Heavy petroleum staining within the west portion of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

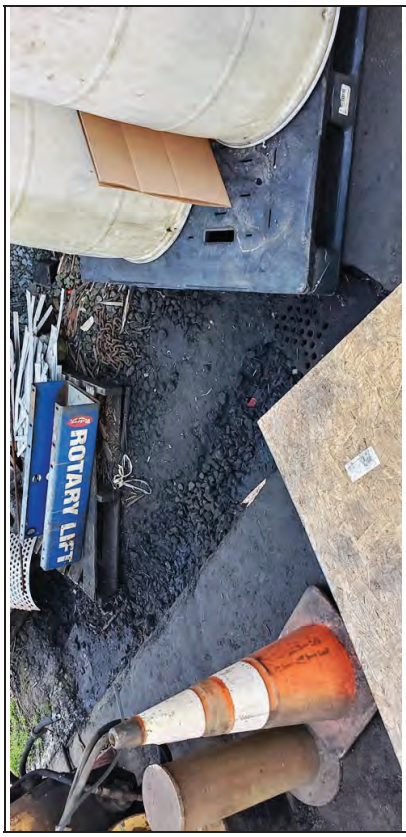


Photo D111	Description
Photo Date 2/16/2022	Petroleum staining of bare soil north of Chemical House 2.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

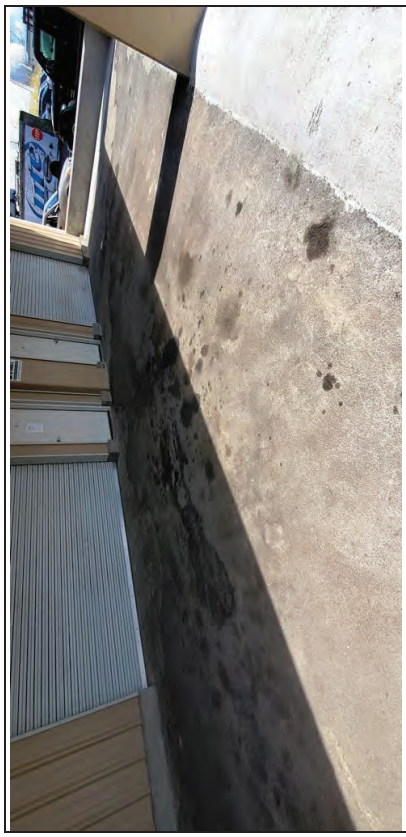


Photo D112	Description
Photo Date 2/16/2022	Several patches of petroleum staining on asphalt.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

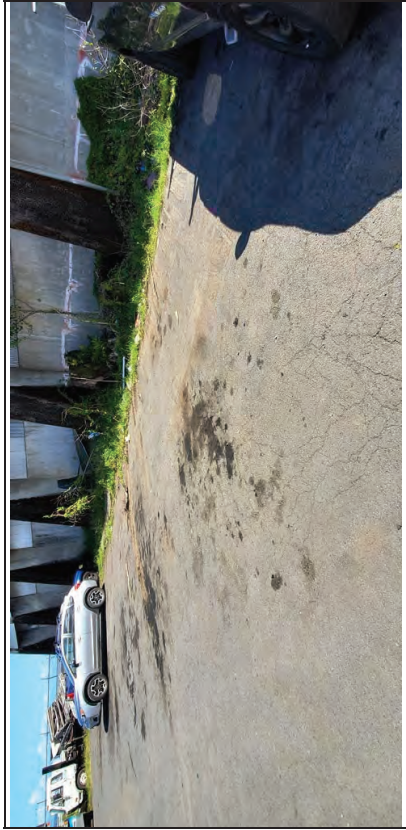


Photo D113	Description
Photo Date 2/16/2022	Several patches of petroleum staining on asphalt.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

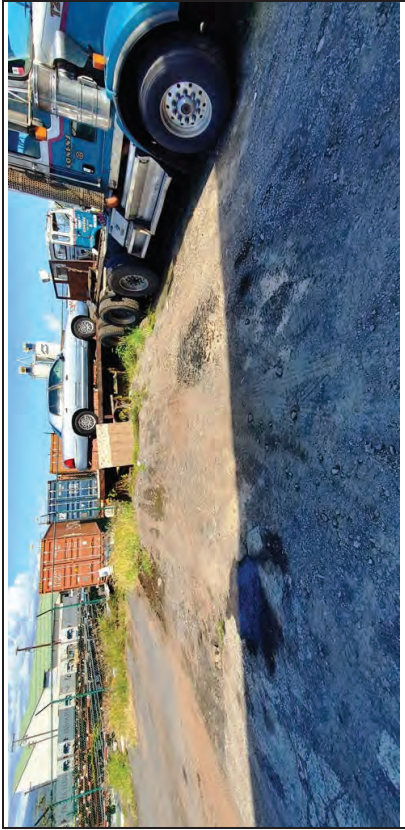


Photo D114	Description
Photo Date 2/16/2022	Several patches of petroleum staining on bare soil.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D115	Description
Photo Date 2/16/2022	Several patches of petroleum staining on bare soil.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

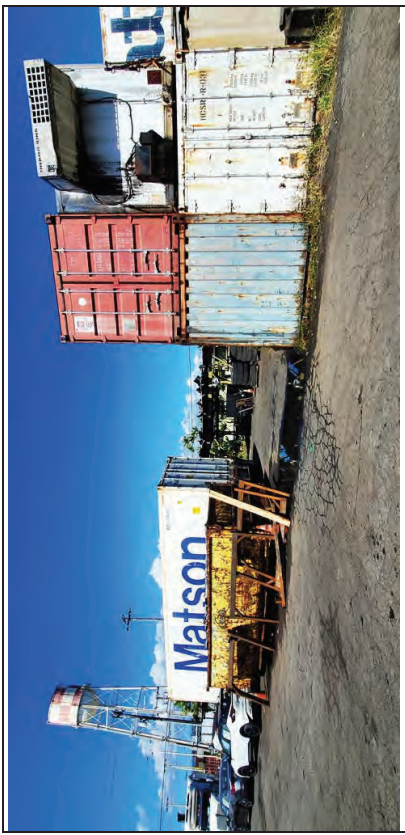


Photo D116	Description
Photo Date 2/16/2022	A roll-off bin containing construction and demolition debris, waste tires, and shipping containers are stored south of Carports 1 and 2.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D117	Description
Photo Date	Derelict industrial and commercial equipment stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Bowers + Kubota Consulting (B+K)



Photo D118	Description
Photo Date	Derelict industrial and commercial equipment stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Bowers + Kubota Consulting (B+K)



Photo D119	Description
Photo Date	Derelict industrial and commercial equipment stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Bowers + Kubota Consulting (B+K)



Photo D120	Description
Photo Date	Derelict industrial and commercial equipment stored north of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation
	Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Bowers + Kubota Consulting (B+K)



Photo D121	Description
Photo Date	Derelict industrial equipment is stored west of the Office.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D123	Description
Photo Date	Multiple piles of solid waste stored south of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D122	Description
Photo Date	Industrial equipment and shipping containers stored northwest of the former PG&F Plant.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D124	Description
Photo Date	Solid waste and green waste storage west of Parcel E.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)



Photo D125	Description
Photo Date 2/16/2022	Solid waste storage north of the former PG&F Plant.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D126	Description
Photo Date 2/16/2022	Solid waste storage south of the former PG&F Plant.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client

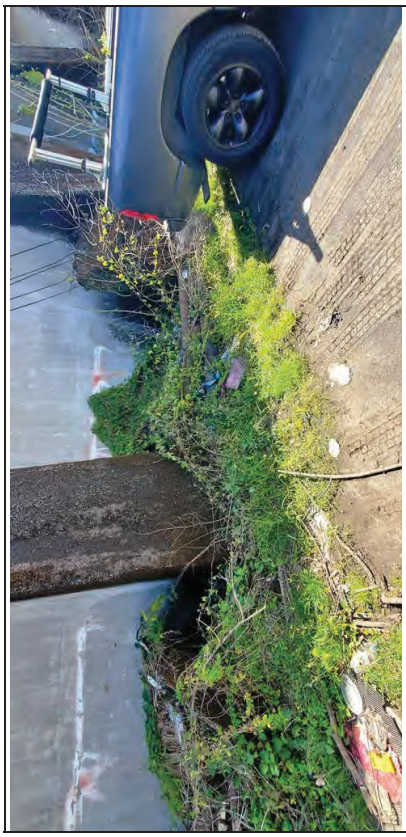


Photo D127	Description
Photo Date 2/16/2022	Solid waste storage west of Parcel E.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D128	Description
Photo Date 2/16/2022	Solid waste storage west of Parcel E.
E2 Project No.: 210042	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client



Photo D129	Description
Photo Date 2/16/2022	Waste tires and other solid waste storage north of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

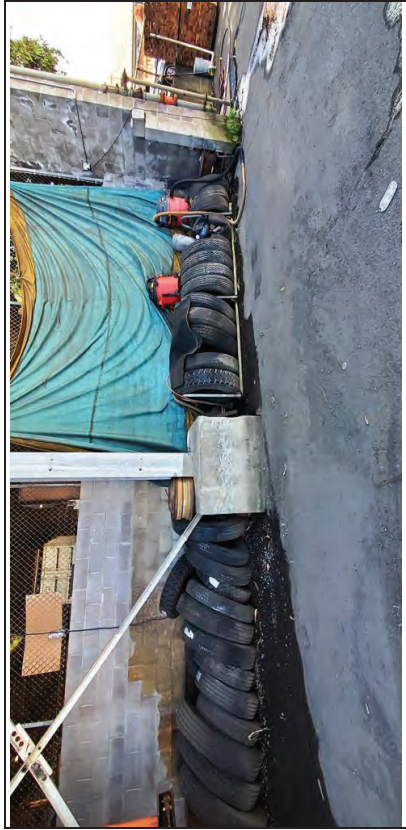


Photo D130	Description
Photo Date 2/16/2022	Waste tires stored north of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D131	Description
Photo Date 2/16/2022	A sink drains to the ground along the northwest corner of the PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo D132	Description
Photo Date 2/16/2022	An open UIC well north of the former PG&F Plant.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E1	Description
Photo Date 2/16/2022	Former bulk sugar storage and conveyance facility, built in 1965.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E3	Description
Photo Date 2/17/2022	A metal cover within the concrete floor of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E2	Description
Photo Date 2/17/2022	A metal cover within the concrete floor of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E4	Description
Photo Date 2/17/2022	A metal cover within the concrete floor of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E5	Description
Photo Date 2/17/2022	A metal cover within the concrete floor of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

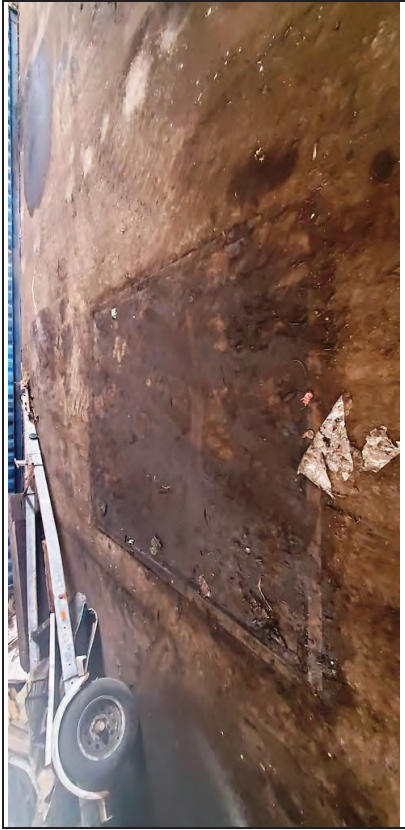


Photo E6	Description
Photo Date 2/17/2022	A metal cover within the concrete floor of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E7	Description
Photo Date 2/16/2022	Hazardous substance storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E8	Description
Photo Date 2/16/2022	Hazardous substance and construction material storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E9	Description
Photo Date 2/16/2022	Hazardous substance storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

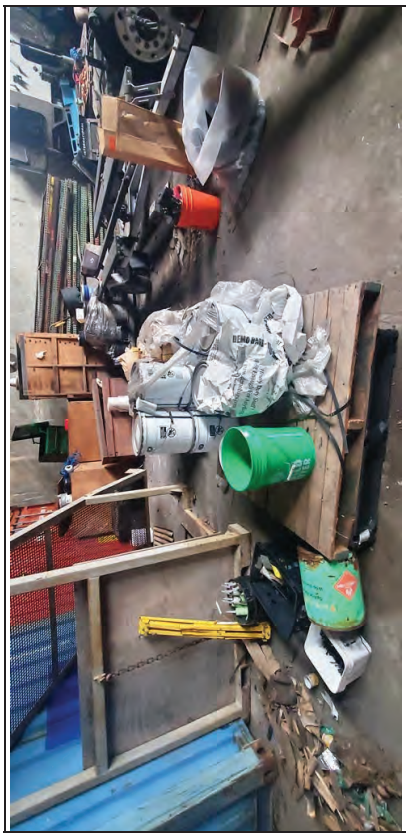


Photo E11	Description
Photo Date 2/17/2022	Hazardous substance storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E10	Description
Photo Date 2/17/2022	Hazardous substance storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E12	Description
Photo Date 2/17/2022	An approximately 5,000-gallon fuel delivery truck was stored in the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E13	Description
Photo Date	Interior of the bulk sugar storage and conveyance facility.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo E15	Description
Photo Date	Interior of the bulk sugar storage and conveyance facility.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

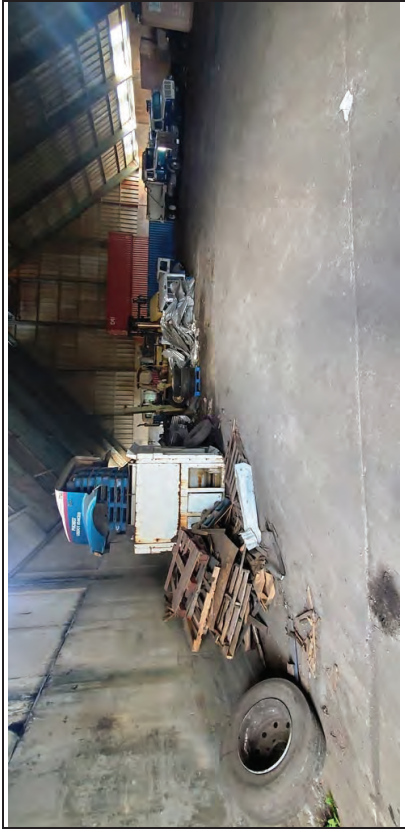


Photo E14	Description
Photo Date	Interior of the bulk sugar storage and conveyance facility.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)

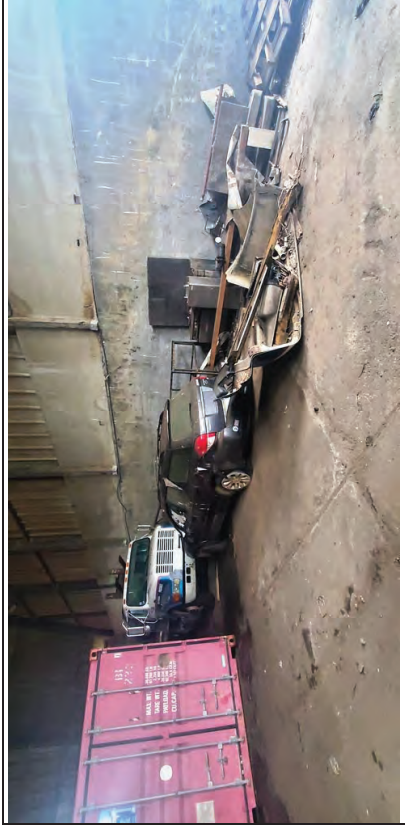


Photo E16	Description
Photo Date	Salvage vehicle and other solid waste storage within the facility.
E2 Project No.:	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002
210042	State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMKs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004 Bowers + Kubota Consulting (B+K)
	Client
	Bowers + Kubota Consulting (B+K)



Photo E17	Description
Photo Date 2/17/2022	Salvage vehicle and other solid waste storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E19	Description
Photo Date 2/17/2022	Salvage vehicle storage, solid waste storage, and moderate petroleum staining within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

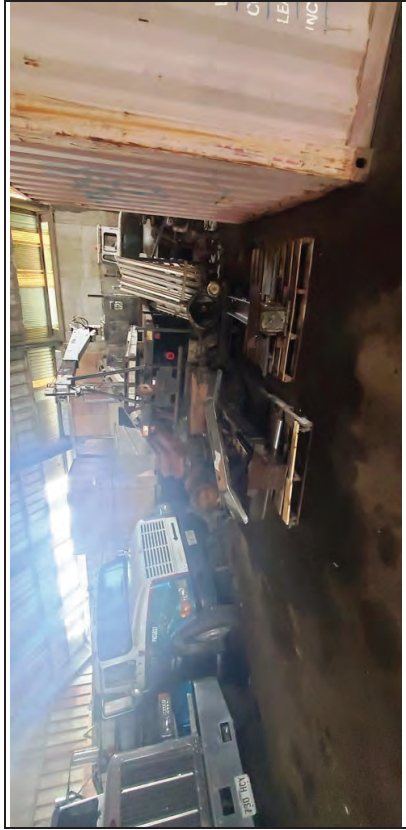


Photo E18	Description
Photo Date 2/17/2022	Salvage vehicle and other solid waste storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E20	Description
Photo Date 2/17/2022	Salvage vehicle and other solid waste storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E21	Description
	Salvage vehicle and other solid waste storage within the facility.
Photo Date	Site Name
2/17/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)

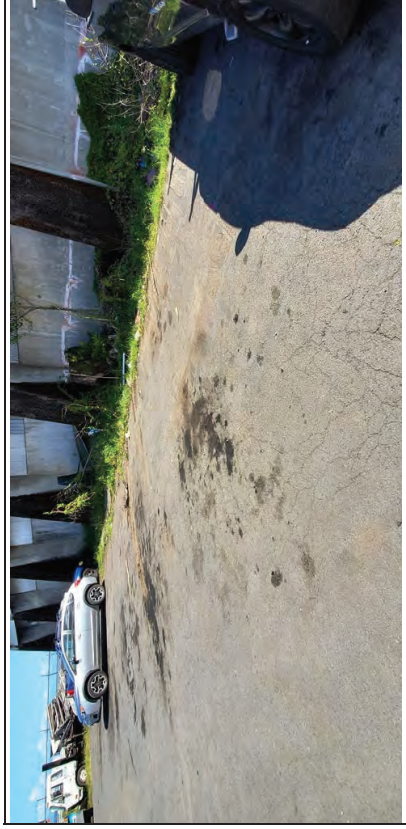


Photo E23	Description
	Moderate petroleum staining associated with vehicle parking and storage along the west side of the facility.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo E22	Description
	Two unlabeled approximately 500-gallon tanks stored within the facility.
Photo Date	Site Name
2/17/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo E24	Description
	Petroleum staining and solid waste storage along the northwest corner of the facility.
Photo Date	Site Name
2/16/2022	Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
E2 Project No.:	Client
210042	Bowers + Kubota Consulting (B+K)



Photo E25	Description
Photo Date 2/17/2022	Moderate petroleum staining associated with vehicle parking and storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E26	Description
Photo Date 2/17/2022	Moderate petroleum staining associated with vehicle parking and storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E27	Description
Photo Date 2/17/2022	Moderate petroleum staining associated with vehicle parking and storage within the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

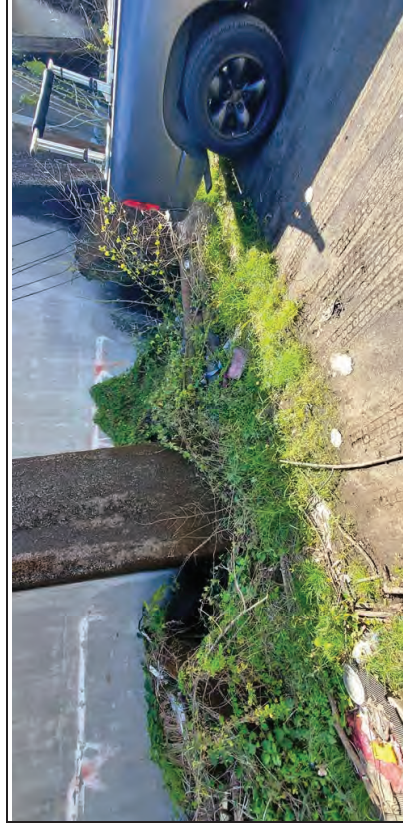


Photo E28	Description
Photo Date 2/16/2022	Construction and demolition debris, automobile parts, and other solid and municipal wastes are stored along the west side of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)



Photo E29	Description
Photo Date 2/16/2022	Construction and demolition debris, automobile parts, and other solid and municipal wastes are stored along the west side of the facility.
E2 Project No.: 210042	Site Name Phase I Environmental Site Assessment - RFP Project No. HAR-PM SW-2020-002 State of Hawaii Department of Transportation Hilo, Hawaii, Hawaii, TMMs: (3) 2-1-007:004, 005, 046 and (3) 2-1-009:003 and 004
	Client Bowers + Kubota Consulting (B+K)

APPENDIX B

EDR REPORTS

The EDR Radius Map with GeoCheck®

Hilo Harbor Industrial Lots Phase I ESA
 Multiple Properties
 HILO, HI 96720

Inquiry Number: 6935350.2s
 April 11, 2022

The EDR Radius Map™ Report with GeoCheck®

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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 Hilo, HI 96720
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 www.edrnet.com



EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MULTIPLE PROPERTIES
HILO, HI 96720

COORDINATES

Latitude (North): 19.7284620 - 19° 43' 42.42"
Longitude (West): 155.0533650 - 155° 3' 12.11"
Universal Transverse Mercator: Zone 5
UTM X (Meters): 284802.3
UTM Y (Meters): 2182604.2
Elevation: 7 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 9757551 HILO, HI
Version Date: 2017

MAPPED SITES SUMMARY

Target Property Address:
MULTIPLE PROPERTIES
HILO, HI 96720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST. (ft. & mi.)	DIRECTION
Reg	NG TS KEAUKAHA MILR		DDD	Same	4737.0	9009, SSE
A1	HGP INC	525-B KALANI'ANAOLE A	RCRA NonGen / NLR	Higher	1 ft.	
A2	JACK L. AYERS, JR.	555 KALANI'ANAOLE AVE	FINDS	Higher	1 ft.	
A3	HGP INC	525-B KALANI'ANAOLE A	FINDS, ECHO	Higher	1 ft.	
B4	BEI HAWAII - HILO FA	60 KUKIO ROAD	RMP	Lower	1 ft.	
A5	GASPRO HILO HERBICID	525 KALANI'ANAOLE STR	HI SHWS	Higher	1 ft.	
A6	JACK L. AYERS, JR.	555 KALANI'ANAOLE ST	HI UST	Higher	1 ft.	
A7	TESORO HAWAII CORPOR	595 KALANI'ANAOLE AVE	HI RGA, HWS	Higher	1 ft.	
A8	MILLER PETROLEUM CO	595 KALANI'ANAOLE AVE	EDR Hist Auto	Higher	1 ft.	
A9	HILO TERMINAL 595 KA	595 KALANI'ANAOLE AVE	HI SHWS, HI SPILLS	Higher	1 ft.	
A10	TESORO HAWAII HILO T	595 KALANI'ANAOLE AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1 ft.	
A11	TESORO HAWAII CORPOR	595 KALANI'ANAOLE AVE	HI RGA, HWS	Higher	1 ft.	
C12	BREWER ENVIRONMENTAL	60 KUHIIO RD	FTTS, HIST FTTS	Higher	1 ft.	
C13	MAUNA KEA AGRIBUSINE	60 KUHIIO ST	HI SPILLS, HI UIC	Higher	1 ft.	
C14	BREWER ENVIRONMENTAL	60 KUHIIO STREET	ICIS	Higher	1 ft.	
C15	BREWER CHEM CORP	60 KUHIIO STREET	TSCA	Higher	1 ft.	
C16	BEI HAWAII - HILO FA	60 KUHIIO AVENUE	FINDS, ECHO	Higher	1 ft.	
C17	FARMER PESTICIDE DIS	60 KUHIIO RD	RCRA NonGen / NLR	Higher	1 ft.	
C18	CONEN'S FREIGHT TRAN	60 KUHIIO ST	FINDS, ECHO	Higher	1 ft.	
C19	BREWER ENVIRONMENTAL	60 KUHIIO AVENUE	RMP	Higher	1 ft.	
C20	BREWER ENVIRONMENTAL	60 KUHIIO WHARF RD	FINDS	Higher	1 ft.	
C21	BREWER ENVIRONMENTAL	60 KUHIIO WHARF RD	HI UST	Higher	1 ft.	
C22	BREWER CHEM CORP	60 KUHIIO RD	RCRA NonGen / NLR	Higher	1 ft.	
C23	CONEN'S FREIGHT TRAN	60 KUHIIO ST	RCRA NonGen / NLR	Higher	1 ft.	
C24	888 KALANI'ANAOLE AVE	888 KALANI'ANAOLE AVE	HI SHWS, HI ENG CONTROLS, HI INST CONTROL, HI...	Higher	80.0	0.015, ESE
D25	BIG ISLAND ASPHALT C	794 KALANI'ANAOLE AVE	HI SHWS, HI VCP	Higher	82.0	0.016, SSE
D26	HAWAIIAN ASPHALT	794 KALANI'ANAOLE AVE	RCRA NonGen / NLR	Higher	82.0	0.016, SSE
D27	PAULEY PETROLEUM	794 KALANI'ANAOLE AVE	HI UST	Higher	82.0	0.016, SSE
B28	US CUSTOMS WAREHOUSE	29 KUHIIO ST	RCRA-VSOQ	Lower	91.0	0.017, WSW
E29	MID PAC PETROLEUM LL	607 KALANI'ANAOLE AVE	RCRA NonGen / NLR	Lower	92.0	0.017, WSW
E30	UNOCAL CORP	607 KALANI'ANAOLE AVE	EDR Hist Auto	Lower	92.0	0.017, WSW
E31	TESORO HAWAII CORPOR	607 KALANI'ANAOLE AVE	HI SHWS, HI SPILLS	Lower	92.0	0.017, WSW
E32	PAR HILO TERMINAL	607 KALANI'ANAOLE AVE	HI SHWS	Lower	92.0	0.017, WSW
E33	PAR HAWAII REFINING,	607 KALANI'ANAOLE AVE	RCRA-VSOQ	Lower	92.0	0.017, WSW
D34	WHITE CAP, LTD (WC04	750 KALANI'ANAOLE AVE	RCRA-VSOQ	Higher	183.0	0.035, SSW
A35	FEDERAL EXPRESS CORP	500 KALANI'ANAOLE ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	200.0	0.038, SW
A36	THEO H. DAVIES	500 KALANI'ANAOLE AVE	HI UST	Higher	200.0	0.038, SW
A37	CONEN'S FREIGHT TRANS	500 KALANI'ANAOLE AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	200.0	0.038, SW
A38	BIG ISLAND NISSAN	471 KALANI'ANAOLE AVE	HI UST, RCRA NonGen / NLR, FINDS, ECHO	Higher	202.0	0.038, WSW

MAPPED SITES SUMMARY

Target Property Address:
MULTIPLE PROPERTIES
HILO, HI 96720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS DIRECTION	RELATIVE ELEVATION	DIST (ft. & mi.)	MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
F39	HILO HARBOR	80 KUHO ST.	RCRA-VSQG, FINDS, ECHO	Lower	240, 0.045, NNW	L78	HPM BUILDING SUPPLY	150 KEAA STREET	SEMS-ARCHIVE, RCRA-VSQG	Higher	1462, 0.277, SW
F40	HILO HARBOR QUONSET	80 KUHO ST	HI SHWS, HI SPILLS	Lower	240, 0.045, NNW	L79	ALLIED AGGREGATES CO	160 KEAA ST	HI LUST, HI UST	Higher	1528, 0.289, SW
F41	HILO PIER 3	80 KUHO STREET	RCRA NonGen / NLR	Lower	240, 0.045, NNW	80	NAVAL RESERVE TRG CE		FUDS	Lower	1644, 0.311, NNE
E42	ALOHA PETROLEUM HILO	661 KALANIANA'OLE AVE	RCRA-SQG, HI SHWS, HI SPILLS, US AIRS	Lower	274, 0.052, SW	L81	KUWAYE TRUCKING INC.	2055 KAMEHAMEHA AVE	HI LUST, HI UST	Higher	1750, 0.331, SW
E43	ALOHA PETROLEUM LLC-	661 KALANIANA'OLE AVE	TRIS, FINDS, FUELS PROGRAM	Lower	274, 0.052, SW	M82	ICE POND HILO	111 KALANIANA'OLE ST	HI SHWS	Lower	1958, 0.371, WSW
G44	PAR HAWAII REFINING,	701 KALANIANA'OLE HIG	RCRA-VSQG, FINDS, ECHO	Lower	281, 0.053, SW	83	KEAUKAHA ELEMENTARY	240 DESHA AVE	HI SHWS, HI INST CONTROL, HI UIC	Higher	2178, 0.412, East
G45	TESORO HAWAII CORPDR	701 KALANIANA'OLE AVE	HI SHWS	Lower	281, 0.053, SW	M84	HELCO SHIPMAN PLANT	128 BANYAN WY	HI SHWS, HI SPILLS	Lower	2245, 0.425, WSW
G46	HILO TERMINAL	701 KALANIANA'OLE AVE	FINDS, FUELS PROGRAM	Lower	281, 0.053, SW	85	GENERAL L'YMAN FIELD		FUDS	Higher	2828, 0.536, SSE
G47	TESORO HAWAII CORPDR	701 KALANIANA'OLE AVE	EDR Hist Auto	Lower	281, 0.053, SW	86	MARINE STORAGE		FUDS	Higher	3069, 0.561, WSW
A48	KTA/DAVIES PROPERTY	600 KALANIANA'OLE AVE	HI SHWS	Higher	303, 0.057, SW	87	MARINE CORPS SUPPLY		FUDS	Higher	3349, 0.634, ESE
E49	ARMOUR OIL HAWAII LT	700 KALANIANA'OLE	EDR Hist Auto	Higher	337, 0.064, SSW	88	WAINAKU SUGAR MILL	238 HAWAII BELT RD	HI SHWS	Higher	3689, 0.695, SW
G50	ENDO PAINTING	45 SILVA ST	RCRA-VSQG, CA HAZNET	Higher	339, 0.064, NW	89	HOOLULU PARK CAMP		FUDS	Higher	4371, 0.828, SW
F51	HAWAIIAN CEMENT - HI	KUHO WHARF RD	HI LUST, HI UST	Lower	396, 0.075, NNW	90	KUAWA STREET SOCCER	KAMEHAMEHA HWY AND M	HI SHWS, HI INST CONTROL	Lower	4680, 0.886, WSW
F52	YOUNG BROTHERS LTD.	99 KUHO STREET	RCRA NonGen / NLR	Lower	488, 0.092, WSW	91	HELCO PIPELINE RELEA	KANOLEHUA AVE & HUA	HI SHWS	Higher	5223, 0.989, SW
H53	KUWAYE TRUCKING	456A KALANIANA'OLE AV	HI SPILLS, RCRA NonGen / NLR	Higher	488, 0.092, WSW						
H54	HAWAII PETROLEUM DIS	456 KALANIANA'OLE AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	488, 0.092, WSW						
H55	PACIFIC MACHINERY	456 KALANIANA'OLE AVE	HI SHWS, HI LUST, HI UST, HI SPILLS	Higher	488, 0.092, WSW						
H56	HAWAII PETROLEUM DIS	456 KALANIANA'OLE AVE	RCRA NonGen / NLR	Higher	488, 0.092, WSW						
I57	HILO HI TERMINAL	666 KALANIANA'OLE AVE	FUELS PROGRAM	Higher	503, 0.095, SSW						
I58	CHEYRON-HILO	HILO MARKETING TERMI	RCRA-SQG, ICIS	Higher	503, 0.095, SSW						
I59	CHEYRON USA INC	666 KALANIANA'OLE AVE	EDR Hist Auto	Higher	503, 0.095, SSW						
I60	AKANA PETROLEUM INC	666 A KALANIANA'OLE A	EDR Hist Auto	Higher	503, 0.095, SSW						
I61	HILO TERMINAL 666 KA	666 KALANIANA'OLE AVE	HI SHWS, HI SPILLS, HI AIRS	Higher	503, 0.095, SSW						
J62	YOUNG BROTHERS, LTD.	KUHO WHARF PIER 2	HI LUST, HI UST	Lower	633, 0.120, NW						
J63	ALOHA PETROLEUM HILO	999 KALANIANA'OLE AVE	HI SHWS, HI SPILLS	Higher	633, 0.120, ENE						
J64	ALOHA PETROLEUM - HI	999 KALANIANA'OLE AVE	RCRA-SQG, ICIS, US AIRS	Higher	633, 0.120, ENE						
J65	HAWAII PETROLEUM DIS	999 KALANIANA'OLE AVE	HI LUST, HI UST	Higher	633, 0.120, ENE						
I66	FORMER HT&T TRUCKING	187 SILVA STREET	RCRA NonGen / NLR	Higher	723, 0.137, SSW						
I67	187 SILVA STREET	187 SILVA ST	HI SHWS, HI INST CONTROL, HI SPILLS	Higher	723, 0.137, SSW						
I68	HT&T TRUCKING	187 SILVA ST	HI UST	Higher	723, 0.137, SSW						
I69	C.BREWER & CO LTD	187 SILVA ST	RCRA NonGen / NLR	Higher	723, 0.137, SSW						
K70	MIHARA TRANSFER,INC.	41 KEAA ST	HI UST, HI Financial Assurance	Higher	949, 0.180, SW						
K71	ASAKURA BROTHERS LTD	50 KEAA ST	HI UST	Higher	986, 0.187, SW						
K72	HAWAII COUNTY WAIAKE	95 KEAA ST	HI UST	Higher	1083, 0.207, SW						
K73	UNITEK SOLVENT SERVI	76 KEAA ST	RCRA NonGen / NLR	Higher	1140, 0.216, SW						
74	HT&T COMPANY, INC.	PIER 1, HILO HARBOR	HI LUST, HI UST	Lower	1164, 0.220, North						
75	ANDREWS TRUCKING SER	58 KEAA ST	HI UST	Higher	1253, 0.237, WSW						
76	PIUA PUMP STATION	1079 KALANIANA'OLE AV	HI SHWS, HI LUST, HI UST, HI BROWNFIELDS, HI...	Higher	1397, 0.265, ENE						
L77	HPM BUILDING SUPPLY	150 KEAA ST	HI SHWS, HI SPILLS	Higher	1462, 0.277, SW						

MAPPED SITES SUMMARY

Target Property Address:
MULTIPLE PROPERTIES
HILO, HI 96720

Click on Map ID to see full detail.

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

HI SWF/LF..... Permitted Landfills in the State of Hawaii

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HI SWRCY..... SWRCY
INDIAN ODL..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODJ..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HI CDL..... Clandestine Drug Lab Listing
US CDL..... National Clandestine Laboratory Register
HI PFAS..... PFAS Contamination Site Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
HI SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties

EXECUTIVE SUMMARY

PADS..... PCB Activity Database System
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decreases
 INDIAN RESERV..... Formerly Utilized Sites Remedial Action Program
 FUSRAP..... Uranium Mill Tailings Sites
 UMTRA..... Lead Smelter Sites
 LEAD SMELTERS..... Mines Master Index File
 U.S. MINES..... Abandoned Mines
 ABANDONED MINES..... Unexploded Ordnance Sites
 UXO.....
 DOCKET HVAC..... Hazardous Waste Compliance Docket Listing
 HI DRYCLEANERS..... Permitted Drycleaner Facility Listing
 HI LEAD..... LEAD
 MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
 EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

HI RGA LF..... Recovered Government Archive Solid Waste Facilities List
 HI RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

EXECUTIVE SUMMARY

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2022, has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Map ID	Direction / Distance	Map ID	Page
HPM BUILDING SUPPLY	150 KEAA STREET	L78	SW 1/4 - 1/2 (0.277 mi.)	L78	477
Site ID: 0902890					
EPA ID: HD981164254					

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/28/2022 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Map ID	Direction / Distance	Map ID	Page
CHEVRON/HILO	HILO MARKETING TERMI	I68	SSW 0 - 1/8 (0.095 mi.)	I68	356
EPA ID: HIT000615252					
ALOHA PETROLEUM - HI	999 KALANIANA'OLE AVE	J64	ENE 0 - 1/8 (0.120 mi.)	J64	424
EPA ID: HID982493645					
Lower Elevation	Address	Map ID	Direction / Distance	Map ID	Page
ALOHA PETROLEUM HILO	661 KALANIANA'OLE AVE	E42	SW 0 - 1/8 (0.052 mi.)	E42	128
EPA ID: HID000631531					

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 02/28/2022 has revealed that there are

EXECUTIVE SUMMARY

6 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHITE CAP, LTD (WVCO4 EPA ID: HIR000137067	750 KALANIANA'OLE AVE	SSW 0 - 1/8 (0.035 mi.)	D34	98
ENDO PAINTING EPA ID: HIR000135673	45 SILVA ST	SSW 0 - 1/8 (0.064 mi.)	G50	218
Lower Elevation	Address	Direction / Distance	Map ID	Page
US CUSTOMS WAREHOUSE EPA ID: HIR000139543	29 KUHO ST	WSW 0 - 1/8 (0.017 mi.)	E28	71
PAR HAWAII REFINING, EPA ID: HIR000065367	607 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.017 mi.)	E33	90
HILO HARBOR EPA ID: HIR982510075	80 KUHO ST.	NNW 0 - 1/8 (0.045 mi.)	F39	116
PAR HAWAII REFINING, EPA ID: HIR000008336	701 KALANIANA'OLE HIG	SW 0 - 1/8 (0.063 mi.)	G44	208

Lists of state- and tribal hazardous waste facilities

HI SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the HI SHWS list, as provided by EDR, and dated 02/22/2022 has revealed that there are 22 HI SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GASPRO HILO HERBICID HILO TERMINAL 595 KA	525 KALANIANA'OLE STR	0 - 1/8 (0.000 mi.)	A5	26
888 KALANIANA'OLE AVE	595 KALANIANA'OLE AVE	0 - 1/8 (0.000 mi.)	A9	28
BIG ISLAND ASPHALT C	888 KALANIANA'OLE AVE	ESE 0 - 1/8 (0.015 mi.)	C24	64
KTA'DAVIES PROPERTY	794 KALANIANA'OLE AVE	SSE 0 - 1/8 (0.016 mi.)	D25	66
PACIFIC MACHINERY	600 KALANIANA'OLE AVE	SW 0 - 1/8 (0.054 mi.)	A48	217
HILO TERMINAL 666 KA	456 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.092 mi.)	H55	335
ALOHA PETROLEUM HILO	666 KALANIANA'OLE AVE	SSW 0 - 1/8 (0.095 mi.)	I61	403
187 SILVA STREET	999 KALANIANA'OLE AVE	ENE 0 - 1/8 (0.120 mi.)	J63	414
PUA PUMP STATION	187 SILVA ST	SSW 1/8 - 1/4 (0.137 mi.)	I67	451
HPM BUILDING SUPPLY	1079 KALANIANA'OLE AV	ENE 1/4 - 1/2 (0.265 mi.)	L77	474
KEAUKAHA ELEMENTARY	150 KEAA ST	E 1/4 - 1/2 (0.412 mi.)	83	492
WAINAKU SUGAR MILL	238 HAWAII BELT RD	SW 1/2 - 1 (0.985 mi.)	88	497
HELCO PIPELINE RELEA	KANOELIHUA AVE & HUA	SW 1/2 - 1 (0.989 mi.)	91	500
Lower Elevation	Address	Direction / Distance	Map ID	Page
TESORO HAWAII CORPOR	607 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.017 mi.)	E31	79
PAR HILO TERMINAL	607 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.017 mi.)	E32	89
HILO HARBOR QUONSET	80 KUHO ST	NNW 0 - 1/8 (0.045 mi.)	F40	123
ALOHA PETROLEUM HILO	661 KALANIANA'OLE AVE	SW 0 - 1/8 (0.052 mi.)	E42	128
TESORO HAWAII CORPOR	701 KALANIANA'OLE AVE	SW 0 - 1/8 (0.063 mi.)	G45	214
ICE POND HILO	111 KALANIANA'OLE ST	WSW 1/4 - 1/2 (0.371 mi.)	M82	491

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
HELCO SHIPMAN PLANT KUAWA STREET SOCCER	126 BANYAN WY KAMEHAMEHA HWY AND M	WSW 1/4 - 1/2 (0.425 mi.) WSW 1/2 - 1 (0.886 mi.)	M84 90	493 499

Lists of state and tribal leaking storage tanks

HI LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the HI LUST list, as provided by EDR, and dated 08/26/2021 has revealed that there are 8 HI LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC MACHINERY Release ID: 950071 Facility ID: 9-600710 Facility Status: Site Cleanup Completed (NFA)	456 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.092 mi.)	H55	335
HAWAII PETROLEUM DIS Release ID: 970028 Facility ID: 9-601623 Facility Status: Site Cleanup Completed (NFA)	999 KALANIANA'OLE AVE	ENE 0 - 1/8 (0.120 mi.)	J65	446
PUA PUMP STATION Release ID: 990108 Facility ID: 9-600351 Facility Status: Site Cleanup Completed (NFA)	1079 KALANIANA'OLE AV	ENE 1/4 - 1/2 (0.265 mi.)	76	471
ALLIED AGGREGATES CO Release ID: 900709 Facility ID: 9-601306 Facility Status: Site Cleanup Completed (NFA)	160 KEAA ST	SW 1/4 - 1/2 (0.289 mi.)	L79	488
KUWAYE TRUCKING INC. Release ID: 920188 Facility ID: 9-600652 Facility Status: Site Cleanup Completed (NFA)	2055 KAMEHAMEHA AVE	SW 1/4 - 1/2 (0.331 mi.)	L81	490
Lower Elevation	Address	Direction / Distance	Map ID	Page
HAWAIIAN CEMENT - HI Release ID: 9-600556 Facility ID: 9-603155 Facility Status: Site Cleanup Completed (NFA)	KUHO WHARF RD	NW 0 - 1/8 (0.064 mi.)	F51	300
YOUNG BROTHERS, LTD. Release ID: 890017 Facility ID: 9-600716 Facility Status: Site Cleanup Completed (NFA)	KUHO WHARF PIER 2	NW 0 - 1/8 (0.120 mi.)	62	413
HT&T COMPANY, INC. Release ID: 940786 Facility ID: 9-600712 Facility Status: Site Cleanup Completed (NFA)	PIER 1, HILO HARBOR	N 1/8 - 1/4 (0.220 mi.)	74	470

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

HI UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health's Listing of Underground Storage Tanks.

A review of the HI UST list, as provided by EDR, and dated 08/26/2021 has revealed that there are 15 HI UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JACK L. AYERS, JR. Tank Status: Permanently Out of Use Facility Id: 9-602405 Date Closed: 12/24/1991	555 KALANIANA'OLE ST	0 - 1/8 (0.000 mi.)	A6	27
BREWER ENVIRONMENTAL Tank Status: Permanently Out of Use Facility Id: 9-600715	60 KUHIU WHARF RD	0 - 1/8 (0.000 mi.)	C21	52
PAULEY PETROLEUM Tank Status: Permanently Out of Use Facility Id: 9-600714 Date Closed: 06/30/1989	794 KALANIANA'OLE AVE	SSE 0 - 1/8 (0.016 mi.)	D27	71
THEO H. DAVIES Tank Status: Permanently Out of Use Facility Id: 9-600730	500 KALANIANA'OLE AVE	SW 0 - 1/8 (0.038 mi.)	A36	106
BIG ISLAND NISSAN Tank Status: Permanently Out of Use Facility Id: 9-601326 Date Closed: 06/23/1989	471 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.038 mi.)	A38	111
PACIFIC MACHINERY Tank Status: Permanently Out of Use Facility Id: 9-600710 Date Closed: 03/29/1995 Date Closed: 06/29/1995	465 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.092 mi.)	H55	335
HAWAII PETROLEUM DIS Tank Status: Permanently Out of Use Facility Id: 9-601623 Date Closed: 01/23/1996	999 KALANIANA'OLE AVE	ENE 0 - 1/8 (0.120 mi.)	J65	446
HT&T TRUCKING Tank Status: Permanently Out of Use Facility Id: 9-600457	187 SILVA ST	SSW 1/8 - 1/4 (0.137 mi.)	I68	452
MIHARA TRANSFER, INC. Tank Status: Permanently Out of Use Facility Id: 9-600726 Date Closed: 06/10/1997	41 KEAA ST	SW 1/8 - 1/4 (0.180 mi.)	K70	464
ASAKURA BROTHERS LTD Tank Status: Permanently Out of Use Facility Id: 9-602724	50 KEAA ST	SW 1/8 - 1/4 (0.187 mi.)	K71	465
HAWAII COUNTY WAI'AKE Tank Status: Permanently Out of Use Facility Id: 9-601087 Date Closed: 01/31/1980	95 KEAA ST	SW 1/8 - 1/4 (0.207 mi.)	K72	465
ANDREWS TRUCKING SER	58 KEAA ST	WSW 1/8 - 1/4 (0.237 mi.)	75	471

EXECUTIVE SUMMARY

Tank Status: Permanently Out of Use
Facility Id: 9-600474
Date Closed: 12/03/1999

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAWAIIAN CEMENT - HI Tank Status: Permanently Out of Use Facility Id: 9-603158 Date Closed: 03/29/1996	KUHIU WHARF RD	NW 0 - 1/8 (0.064 mi.)	F51	300
YOUNG BROTHERS, LTD. Tank Status: Permanently Out of Use Facility Id: 9-600716	KUHIU WHARF PIER 2	NW 0 - 1/8 (0.120 mi.)	62	413
HT&T COMPANY, INC. Tank Status: Permanently Out of Use Facility Id: 9-600712 Date Closed: 08/16/1994	PIER 1, HILO HARBOR	N 1/8 - 1/4 (0.220 mi.)	74	470

State and tribal institutional control / engineering control registries

HI ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the HI ENG CONTROLS list, as provided by EDR, and dated 04/17/2019 has revealed that there is 1 HI ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
888 KALANIANA'OLE AVE	888 KALANIANA'OLE AVE	ESE 0 - 1/8 (0.015 mi.)	C24	64
888 KALANIANA'OLE AVE	187 SILVA ST	SSW 1/8 - 1/4 (0.137 mi.)	I67	451
KEAUKAHA ELEMENTARY	240 DESHA AVE	E 1/4 - 1/2 (0.412 mi.)	83	492

Voluntary Remediation Program and Brownfields sites with institutional controls in place.

A review of the HI INST CONTROL list, as provided by EDR, and dated 04/17/2019 has revealed that there are 3 HI INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
888 KALANIANA'OLE AVE	888 KALANIANA'OLE AVE	ESE 0 - 1/8 (0.015 mi.)	C24	64
187 SILVA STREET	187 SILVA ST	SSW 1/8 - 1/4 (0.137 mi.)	I67	451
KEAUKAHA ELEMENTARY	240 DESHA AVE	E 1/4 - 1/2 (0.412 mi.)	83	492

Lists of state and tribal voluntary cleanup sites

HI VCP: Voluntary Response Program Sites.

A review of the HI VCP list, as provided by EDR, and dated 02/22/2022 has revealed that there is 1 HI VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIG ISLAND ASPHALT C	794 KALANIANA'OLE AVE	SSE 0 - 1/8 (0.016 mi.)	D25	66

EXECUTIVE SUMMARY

Lists of state and tribal brownfield sites

HI BROWNFIELDS: Brownfields Site List

A review of the HI BROWNFIELDS list, as provided by EDR, and dated 02/22/2022 has revealed that there is 1 HI BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUA PUMP STATION	1079 KALANIANA'OLE AV	ENE 1/4 - 1/2 (0.265 mi.)	76	471

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

HI SPILLS: Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

A review of the HI SPILLS list, as provided by EDR, and dated 02/17/2022 has revealed that there are 2 HI SPILLS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HILO TERMINAL 595 KA MAUNA KEA AGRIBUSINE	595 KALANIANA'OLE AVE 60 KUHILO ST	0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.)	A9 C13	28 40

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/29/2022 has revealed that there are 18 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HGP INC. EPA ID: HIR000665665	525-B KALANIANA'OLE A	0 - 1/8 (0.000 mi.)	A1	8
TESORO HAWAII HILO T EPA ID: HIR00000844	595 KALANIANA'OLE AVE	0 - 1/8 (0.000 mi.)	A10	36
FARMER PESTICIDE DIS EPA ID: HIR000205967	60 KUHILO RD	0 - 1/8 (0.000 mi.)	C17	46
BREWER CHEM CORP EPA ID: HIR0059472415	60 KUHILO RD	0 - 1/8 (0.000 mi.)	C22	53
CONENS FREIGHT TRAN EPA ID: HIT000139642	60 KUHILO ST	0 - 1/8 (0.000 mi.)	C23	56
HAWAIIAN ASPHALT	794 KALANIANA'OLE AVE	SSE 0 - 1/8 (0.016 mi.)	D26	67

EXECUTIVE SUMMARY

EPA ID: HIP000136689 FEDERAL EXPRESS CORP EPA ID: HIR004467629	500 KALANIANA'OLE ST	SW 0 - 1/8 (0.038 mi.)	A35	103
CONENS FREIGHT TRANS EPA ID: HIR000046029	500 KALANIANA'OLE AVE	SW 0 - 1/8 (0.038 mi.)	A37	106
BIG ISLAND NISSAN EPA ID: HID13229025	471 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.038 mi.)	A38	111
KUWAYE TRUCKING EPA ID: HID049970785	456A KALANIANA'OLE AV	WSW 0 - 1/8 (0.092 mi.)	H53	305
HAWAII PETROLEUM DIS EPA ID: HIR000137109	456 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.092 mi.)	H54	321
HAWAII PETROLEUM DIS EPA ID: HID981651813	456 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.092 mi.)	H56	338
FORMER HT&T TRUCKING EPA ID: HIP000141481	187 SILVA STREET	SSW 1/8 - 1/4 (0.137 mi.)	I66	447
C.BREWER & CO. LTD EPA ID: HID981161508	187 SILVA ST	SSW 1/8 - 1/4 (0.137 mi.)	I69	453
UNITEK SOLVENT SERVI EPA ID: HIR000000994	76 KEAA ST	SW 1/8 - 1/4 (0.216 mi.)	K73	466

Lower Elevation	Address	Direction / Distance	Map ID	Page
MID PAC PETROLEUM LLL EPA ID: HID000633073	607 KALANIANA'OLE AVE	WSW 0 - 1/8 (0.017 mi.)	E29	74
HILO PIER 3 EPA ID: HIP000142679	80 KUHILO STREET	NNW 0 - 1/8 (0.045 mi.)	F41	125
YOUNG BROTHERS LTD. EPA ID: HIT000144337	99 KUHILO STREET	NNW 0 - 1/8 (0.075 mi.)	F52	301

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 10/26/2021 has revealed that there are 5 FUDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENERAL LYMAN FIELD MARINE STORAGE MARINE CORPS SUPPLY HOOLULU PARK CAMP		SSE 1/2 - 1 (0.536 mi.) WSW 1/2 - 1 (0.581 mi.) ESE 1/2 - 1 (0.634 mi.) SW 1/2 - 1 (0.828 mi.)	85 86 87 89	496 496 497 498
Lower Elevation	Address	Direction / Distance	Map ID	Page
NAVAL RESERVE TRG CE		NNE 1/4 - 1/2 (0.311 mi.)	80	489

EXECUTIVE SUMMARY

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NG TS KEAUKAHA MIL R		SSE 1/2 - 1 (0.909 mi.)	0	8

TSCA: The Toxic Substances Control Act identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. The United States Environmental Protection Agency has no current plan to update and/or re-issue this database.

A review of the TSCA list, as provided by EDR, and dated 12/31/2016 has revealed that there is 1 TSCA site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREWER CHEM CORP Chemical Number: 57136	60 KUHIO STREET	0 - 1/8 (0.000 mi.)	C15	45

RMP: When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(f) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

A review of the RMP list, as provided by EDR, and dated 10/20/2021 has revealed that there are 2 RMP sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREWER ENVIRONMENTAL	60 KUHIO AVENUE	0 - 1/8 (0.000 mi.)	C19	49
Lower Elevation	Address	Direction / Distance	Map ID	Page
BEI HAWAII - HILO FA	60 KUKIO ROAD	0 - 1/8 (0.000 mi.)	B4	11

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREWER ENVIRONMENTAL	60 KUHIO STREET	0 - 1/8 (0.000 mi.)	C14	41

EXECUTIVE SUMMARY

FRS ID.: 110000508610

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, has revealed that there is 1 FTTS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREWER ENVIRONMENTAL Database: FTTS INSP, Date of Government Version: 04/09/2009	60 KUHIO RD	0 - 1/8 (0.000 mi.)	C12	39

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, has revealed that there is 1 HIST FTTS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREWER ENVIRONMENTAL Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	60 KUHIO RD	0 - 1/8 (0.000 mi.)	C12	39

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/04/2021 has revealed that there are 6 FINDS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACK L. AYERS, JR. Registry ID: 110055394238	555 KALANIANA'OLE AVE	0 - 1/8 (0.000 mi.)	A2	10
HGP INC Registry ID: 110005723388	525-B KALANIANA'OLE A	0 - 1/8 (0.000 mi.)	A3	11
TESORO HAWAII HILO T Registry ID: 110001412490	595 KALANIANA'OLE AVE	0 - 1/8 (0.000 mi.)	A10	36
BEI HAWAII - HILO FA	60 KUHIO AVENUE	0 - 1/8 (0.000 mi.)	C16	45

EXECUTIVE SUMMARY

Registry ID: 110000508610
CONEN'S FREIGHT TRAIN
 Registry ID: 110070272850
 Registry ID: 110041668754
BREVER ENVIRONMENTAL
 Registry ID: 110055385603

60 KUHIO ST *0 - 1/8 (0.000 mi.)* **C18** **48**

60 KUHIO WHARF RD *0 - 1/8 (0.000 mi.)* **C20** **52**

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 01/01/2022 has revealed that there are 4 ECHO sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HGP INC Registry ID: 110005723388	525-B KALANIANA'OLE A	<i>0 - 1/8 (0.000 mi.)</i>	A3	11
TESORO HAWAII HILO T Registry ID: 110001412490	595 KALANIANA'OLE AVE	<i>0 - 1/8 (0.000 mi.)</i>	A10	36
BEI HAWAII - HILO FA Registry ID: 110000508610	60 KUHIO AVENUE	<i>0 - 1/8 (0.000 mi.)</i>	C16	45
CONEN'S FREIGHT TRAIN Registry ID: 110041668754	60 KUHIO ST	<i>0 - 1/8 (0.000 mi.)</i>	C18	48

FUELS PROGRAM: This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

A review of the FUELS PROGRAM list, as provided by EDR, and dated 11/15/2021 has revealed that there are 3 FUELS PROGRAM sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HILO HI TERMINAL Company Seq ID: 6405 Company Seq ID: 5086 Facility ID: 21237 Facility ID: 81076 Facility ID: 21637	666 KALANIANA'OLE AVE	<i>SSW 0 - 1/8 (0.095 mi.)</i>	I57	354

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALOHA PETROLEUM LLC- Company Seq ID: 6370 Facility ID: 20881	667 KALANIANA'OLE AVE	<i>SW 0 - 1/8 (0.092 mi.)</i>	E43	160
HILO TERMINAL Company Seq ID: 6525 Company Seq ID: 6135 Facility ID: 81543	701 KALANIANA'OLE AVE	<i>SW 0 - 1/8 (0.063 mi.)</i>	G46	215

EXECUTIVE SUMMARY

HI UIC: A listing of underground injection well locations.

A review of the HI UIC list, as provided by EDR, and dated 02/07/2013 has revealed that there is 1 HI UIC site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MALUNA KEA AGRIBUSINE Facility Id/Lat Long Min Coord: 8-4402.01-1-2 UIC Permit Number: UH-1253	60 KUHIO ST	<i>0 - 1/8 (0.000 mi.)</i>	C13	40

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories, and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLER PETROLEUM CO	595 KALANIANA'OLE AVE	<i>0 - 1/8 (0.000 mi.)</i>	A8	28
ARMOUR OIL HAWAII LT	700 KALANIANA'OLE	<i>SW 0 - 1/8 (0.057 mi.)</i>	E49	218
CHEVRON USA INC	666 KALANIANA'OLE AVE	<i>SSW 0 - 1/8 (0.095 mi.)</i>	I59	402
AKANA PETROLEUM INC	666 A KALANIANA'OLE A	<i>SSW 0 - 1/8 (0.095 mi.)</i>	I60	403

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL CORP	607 KALANIANA'OLE AVE	<i>WSW 0 - 1/8 (0.017 mi.)</i>	E30	79
TESORO HAWAII CORPOR	701 KALANIANA'OLE AVE	<i>SW 0 - 1/8 (0.053 mi.)</i>	G47	216

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

HI RGA HWS: The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

A review of the HI RGA HWS list, as provided by EDR, has revealed that there are 2 HI RGA HWS sites within approximately 0.001 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation

TESORO HAWAII CORPOR
 TESORO HAWAII CORPOR

Address

595 KALANIANA'OLE AVE
 595 KALANIANA'OLE AVE

Direction / Distance

0 - 1/8 (0.000 mi.)
 0 - 1/8 (0.000 mi.)

Map ID

A7
 A11

Page

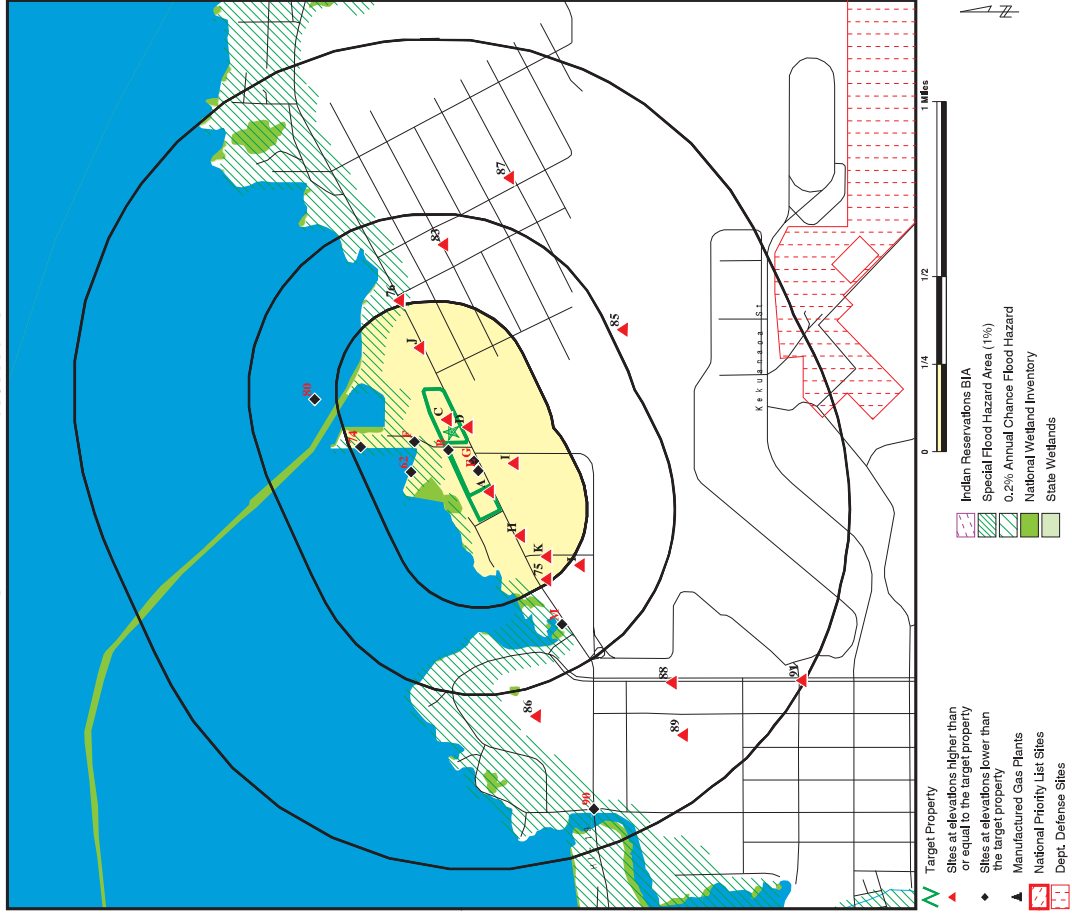
27
 39

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

Site Name	Database(s)
HILO AIRPORT DRAINAGE PIPE TERMINU	HI SHWS
KEAUKAHA HAWAIIAN HOMELANDS	HI SHWS
PETROLEUM CONTAMINATION DISCOVERY	HI SHWS
HAWAII COUNTY KAMEHAMEHA AVENUE IM	HI SHWS
HELCO KUHIO SUBSTATION	HI SHWS
KUMAU STREET IMPROVEMENTS HILO HAR	HI SHWS
LAEHALA STREET DUMPING	HI SHWS
HELCO POLE-MOUNT TRANSFORMER NO. 3	HI SHWS
KEAUKAHA MILITARY RESERVATION CONT	HI SHWS
WALOIA RIVER STATE RECREATION AREA	HI SHWS
WALOA RIVER STATE RECREATION AREA	HI SHWS
YAMADA QUARRY HILO	HI SHWS
HIANG HILO BUILDING 702 HYDRAULIC	HI SHWS
HILO BAY FRONT SOCCER FIELD	SENS-ARCHIVE
AIM BAYFRONT SHELL	HI LUST, HI UST

OVERVIEW MAP - 6935350.2S

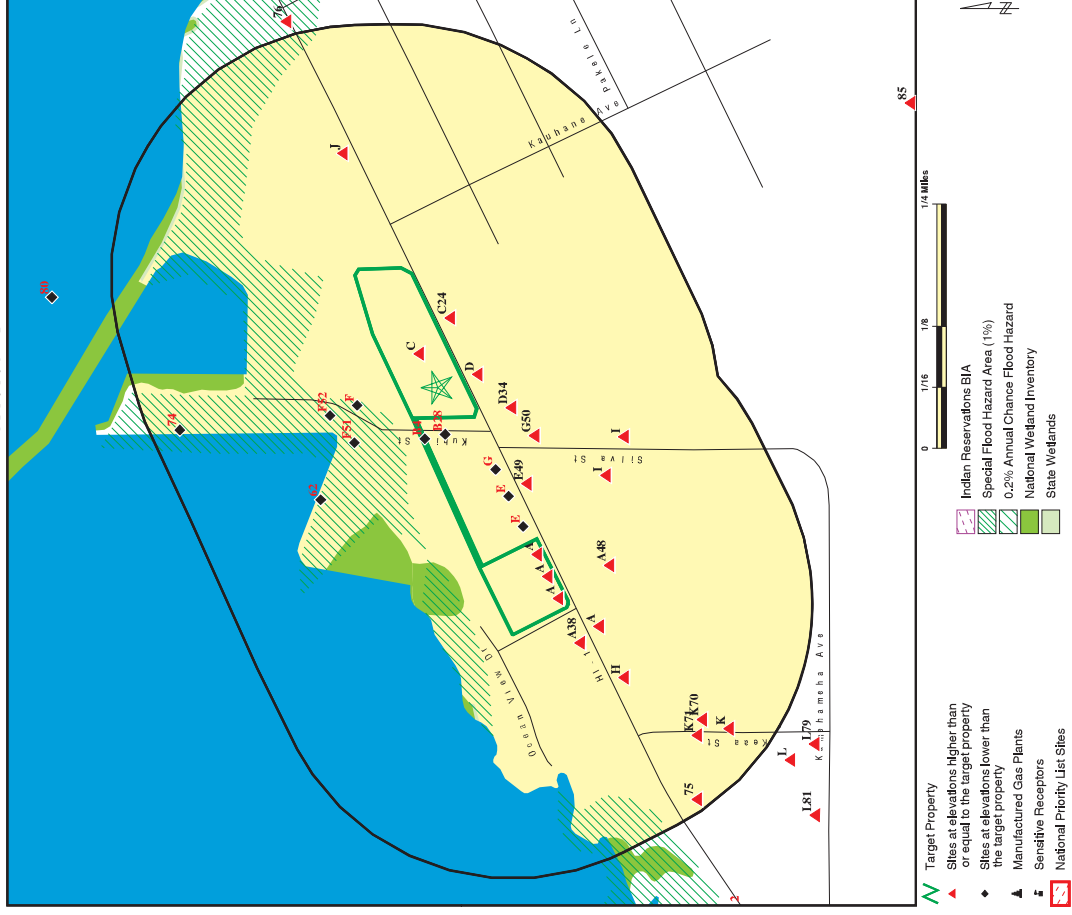


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hilo Harbor Industrial Lots Phase I ESA ADDRESS: HILCO HI 96720 LAT/LONG: 19.728452 / 155.053365	CLIENT: Element Environmental, LLC CONTACT: Angie Pelletier INQUIRY #: April 11, 2022 4:14 pm DATE:
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DETAIL MAP - 6935350.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hilo Harbor Industrial Lots Phase I ESA ADDRESS: HILCO HI 96720 LAT/LONG: 19.728452 / 155.053365	CLIENT: Element Environmental, LLC CONTACT: Angie Pelletier INQUIRY #: April 11, 2022 4:15 pm DATE:
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1,000		0	0	0	0	NR	0
Proposed NPL	1,000		0	0	0	0	NR	0
NPL LIENS	1,000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1,000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1,000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LOG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		3	0	NR	NR	NR	3
RCRA-VSQ	0.250		6	0	NR	NR	NR	6
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
HI SHWS	1,000		13	1	5	3	NR	22
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
HI SWFILF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
HI LUST	0.500		4	1	3	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of state and tribal registered storage tanks</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>FEMA LUST</i>								
FEMA LUST	0.250		0	0	NR	NR	NR	0
HI LUST	0.250		9	6	NR	NR	NR	15
INDIAN LUST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
HI ENG CONTROLS	0.500		1	0	0	NR	NR	1
HI INST CONTROL	0.500		1	1	1	NR	NR	3
<i>Lists of state and tribal voluntary cleanup sites</i>								
HI VCP	0.500		1	0	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
HI BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
<i>Local / Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
HI SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HI CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
HI PFAS	0.500		0	0	0	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
HI SPILLS	0.001		2	NR	NR	NR	NR	2
HI SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		15	3	NR	NR	NR	18
FUDS	1,000		0	0	1	4	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HI RGA LF	0.001		0	NR	NR	NR	NR	0
HI RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	83	12	12	8	0	115

NOTES:
 TP = Target Property
 NR = Not Requested at this Search Distance
 Sites may be listed in more than one database

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	1	NR	1
SCPD DRYCLEANERS	0.500		0	NR	NR	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	NR	NR	NR	NR	0
TSCA	0.001		1	NR	NR	NR	NR	1
TRIS	0.001		0	NR	NR	NR	NR	0
SST'S	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		2	NR	NR	NR	NR	2
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
IGIS	0.001		1	NR	NR	NR	NR	1
FTTS	0.001		1	NR	NR	NR	NR	1
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		1	NR	NR	NR	NR	1
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	NR	NR	NR	NR	0
ABANDONED MINES	0.250		0	NR	NR	NR	NR	0
FINDS	0.001		6	NR	NR	NR	NR	6
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		4	NR	NR	NR	NR	4
FUELS PROGRAM	0.250		3	0	NR	NR	NR	3
HI AIRS	0.001		0	NR	NR	NR	NR	0
HI DRYCLEANERS	0.250		0	0	NR	NR	NR	0
HI Financial Assurance	0.001		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
HI LEAD	0.001		0	NR	NR	NR	NR	0
HI LUC	0.001		1	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	EDR Hist Auto	EDR Hist Cleaner
EDR MGP	1.000	0
EDR Hist Auto	0.125	NR
EDR Hist Cleaner	0.125	NR

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives	
HI RGA HWS	0.001

DOD Region SSE 1/2-1 4797 ft.
NG TS KEAUKAHA MIL RES
 , HI
 DOD: Site Name: NG TS KEAUKAHA MIL RES
 DOD Component: Army Guard
 Joint Base: N/A
 Operating Status: ACT (Active) Site has an on-going operational/support mission (s).
DOD CUSA402246 N/A

A1
HGP INC
525-B KALANIANAOLE AVE
HILO, HI 96720
RCRA NonGen / NLR 1000119345 HID98065665

Site 1 of 15 in cluster A
 RCRA NonGen / NLR: 19930723
 Date Form Received by Agency: HGP INC
 Handler Name: 525-B KALANIANAOLE AVE
 Handler Address: HILO, HI 96720
 Handler City,State,Zip: HILO, HI 96720
 EPA ID: ENVIRONMENTAL MANAGER
 Contact Name: 525-B KALANIANAOLE AVE
 Contact Address: HILO, HI 96720
 Contact City,State,Zip: HILO, HI 96720
 Contact Telephone: 808-935-9304
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Other
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 525B KALANIANAOLE AV
 Mailing City,State,Zip: HILO, HI 96720
 Owner Name: NOT REQUIRED
 Owner Type: Private
 Operator Name: NOT REQUIRED
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Facility with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting, Refining and Refining Fumace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site FedReg Treatment Storage and Disposal Facility: Not reported

HGP INC (Continued)
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Federal Facility Indicator: ---
 Hazardous Secondary Material Indicator: N
 Commercial TSD Indicator: Not reported
 Treatment Storage and Disposal Type: No
 2018 GPPRA Permit Baseline: Not on the Baseline
 2018 GPPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSD's Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20020729
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No
 Handler - Owner Operator: Operator
 Owner/Operator Indicator: NOT REQUIRED
 Owner/Operator Name: Private
 Legal Status: Not reported
 Date Became Current: NOT REQUIRED
 Date Ended Current: NOT REQUIRED
 Owner/Operator Address: 415-555-1212
 Owner/Operator City,State,Zip: ME 99999
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Owner
 Owner/Operator Indicator: Owner

A3
Relative: Higher
Actual: 7 ft.

Map ID: A3
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 7 ft.

HGP INC
 525-B KALANIANA'OLE AVE
 HILO, HI 96720

Site 3 of 15 in cluster A

FINDS: 110005723388
ECHO: 1016209064
N/A

Click Here: Environmental Information System:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B4
Relative: Lower
Actual: 6 ft.

Map ID: B4
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 6 ft.

BEI HAWAII - HILO FACILITY, HAWAII
 60 KUKIO ROAD
 HILO, HI 96720

Site 1 of 2 in cluster B

FINDS: 25095
RMP: BEI HAWAII - HILO FACILITY, HAWAII

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2
Relative: Higher
Actual: 7 ft.

Map ID: A2
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 7 ft.

JACK L. AYERS, JR.
 555 KALANIANA'OLE AVENUE
 HILO, HI 96720

Site 2 of 15 in cluster A

FINDS: 1016404874
ECHO: 1016404874
N/A

Click Here: Environmental Information System:
 STATE MASTER
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B4
Relative: Lower
Actual: 6 ft.

Map ID: B4
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 6 ft.

BEI HAWAII - HILO FACILITY, HAWAII
 60 KUKIO ROAD
 HILO, HI 96720

Site 1 of 2 in cluster B

FINDS: 25095
RMP: BEI HAWAII - HILO FACILITY, HAWAII

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2
Relative: Higher
Actual: 7 ft.

Map ID: A2
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 7 ft.

JACK L. AYERS, JR.
 555 KALANIANA'OLE AVENUE
 HILO, HI 96720

Site 2 of 15 in cluster A

FINDS: 1016404874
ECHO: 1016404874
N/A

Click Here: Environmental Information System:
 STATE MASTER
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B4
Relative: Lower
Actual: 6 ft.

Map ID: B4
 Direction: < 1/8
 Distance: 1 ft.
 Elevation: 6 ft.

BEI HAWAII - HILO FACILITY, HAWAII
 60 KUKIO ROAD
 HILO, HI 96720

Site 1 of 2 in cluster B

FINDS: 25095
RMP: BEI HAWAII - HILO FACILITY, HAWAII

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

Database(s)

1012040923

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

Processes:
Process ID: 35869
Optional facility description: Chlorine
Program level: 3
Record contains CBI data: False
NAICS code description: Other Chemical and Allied Products Wholesalers

Prevention Program 3:
Safety review date: 2001-12-27 00:00:00
Most recent PHA date: 1998-07-01 00:00:00
Process Hazard Analysis: Checklist
Expected PHA changes completion date: 2001-12-08 00:00:00
Major Hazard: Toxic Release, Fire, Corrosion, Equipment failure
Process Control: Vents, Relief valves, Alarms
Mitigation Systems: None
Monitoring/Detection: None
Changes since the last process hazard analysis: Chemical reduction
Most recent review of op. procedures: 2001-12-01 00:00:00
Most recent training prog review/update: 2001-09-17 00:00:00
Training: Classroom
Competency testing: Written test, Observation
Most recent maintenance review date: 1998-07-01 00:00:00
Most recent equipment inspection date: 1998-07-01 00:00:00
Equipment tested: Cylinder and Tankers
Most recent changes by mgmt: 1998-07-01 00:00:00
Date of most recent review/update: 1998-07-01 00:00:00
Date of pre-start review: 1998-07-01 00:00:00
Most recent compliance audit date: 1999-12-01 00:00:00
Expected date of investigation changes: Not reported
Expected date of audit completion: Not reported
Date of participation plan review: 1998-07-01 00:00:00
Date of hot work permit review: 1998-07-01 00:00:00
Date of contractor safety review: 1998-07-01 00:00:00
Date of contractor safety eval. review: Not reported
Record has CBI data: False

Process Chemicals:
Chemical name: Chlorine
Process chemical qty in 100s lbs: 70000
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0

Toxics All Releases:
Percent weight of chemical: 100
Physical state: C
Analytical basis: EPA's RMP Guidance for Warehouses Reference Tables or Equations
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: a

Vice President, Sales & Operation
Geoffrey Lauer
Plant Superintendent
8088337813
Not reported
Not reported
13
100000022183
T
T
F
2000-03-01 00:00:00
EPA Region IX CEPP
False
False
Correction
Not reported
False
Not reported
Not reported
Not reported
Not reported
False
2002-02-22 00:00:00
2002-02-22 00:00:00
2002-02-04 00:00:00
False
False
False
Commercial Software Vendor
False
False
2001-01-29 00:00:00
False
2013-01-15 00:00:00
2013-01-09 00:00:00
2004-06-01 00:00:00
False
False
1.2.5
19-732009999999999
-155.05697000000001
PLANT ENTRANCE (GENERAL)
ADDRESS MATCHING-HOUSE NUMBER

Emergency contact title: RMP contact title:
Emergency contact telephone: 8088337813
24 hour emergency telephone: 80848770007
Emergency contact ext/pin #: Not reported
Number of full time employees: 13
EPA ID: Not reported
Facility ID provided by CEPP: 100000022183
Is facility covered by OSHA FSM: T
Is facility covered by EPCRA 302: T
Is fac. covered by CAA Title V 112(2): F
Clean air op. permit/State ID: 2000-03-01 00:00:00
Last safety insp. dat: EPA Region IX CEPP
Inspected by: False
Is it OSHA approved with star/merit ranking: False
Will RMP involve predictive filing: False
Submission type: Correction
RMP description: Not reported
Facility has no accident hist. recs: False
Foreign owner's address: Not reported
Foreign owner's zip: Not reported
Foreign owner's country: Not reported
Claim # of employees as CBI: False
Date RMP accepted by EPA: 2002-02-22 00:00:00
Date RMP received: 2002-02-22 00:00:00
Does RMP contain graphics files: False
Does RMP contain attachments: False
Was certification letter received: False
RMP submission method: Commercial Software Vendor
Does RMP contain CBI submittal: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 2001-01-29 00:00:00
Is RMP complete: False
Date of de-registration: 2013-01-15 00:00:00
Date de-registration is effective: 2013-01-09 00:00:00
Anniversary date: 2004-06-01 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: False
RMP version #: 1.2.5
FRS latitude: 19-732009999999999
FRS longitude: -155.05697000000001
PLANT ENTRANCE (GENERAL)
ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:
ER plan most recent review date: 2000-03-09 00:00:00
ER plan most recent employee training date: 2001-02-03 00:00:00
Local agency coordinating ER plan: Hawaii County LEPC
Telephone of the coordinating local agency: 8089352765
Federal regulation: True
OSHA 1910.120: True
SPCC: False
RCFA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Emergency Responses:
ER plan most recent review date: 2000-03-09 00:00:00
ER plan most recent employee training date: 2001-02-03 00:00:00
Local agency coordinating ER plan: Hawaii County LEPC
Telephone of the coordinating local agency: 8089352765
Federal regulation: True
OSHA 1910.120: True
SPCC: False
RCFA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Emergency Responses:
ER plan most recent review date: 2000-03-09 00:00:00
ER plan most recent employee training date: 2001-02-03 00:00:00
Local agency coordinating ER plan: Hawaii County LEPC
Telephone of the coordinating local agency: 8089352765
Federal regulation: True
OSHA 1910.120: True
SPCC: False
RCFA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Emergency Responses:
ER plan most recent review date: 2000-03-09 00:00:00
ER plan most recent employee training date: 2001-02-03 00:00:00
Local agency coordinating ER plan: Hawaii County LEPC
Telephone of the coordinating local agency: 8089352765
Federal regulation: True
OSHA 1910.120: True
SPCC: False
RCFA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Number of full time employees: 13
 EPA ID: Not reported
 Facility ID provided by CEPP: 100000022183
 Is facility covered by OSHA PSM: T
 Is facility covered by EPCRA 302: T
 Is fac. covered by CAA Title V 112(2): F
 Clean air op. permit/Slate ID: Not reported
 Last safety insp. dat: 2000-03-01 00:00:00
 Inspected by: EPA Region IX CEPP
 Is it OSHA approved with start/ment ranking: False
 Will RMP involve predictive filing: False
 Submission type: Correction
 RMP description: Not reported
 Facility has no accident hist. recs: False
 Foreign owner's address: Not reported
 Foreign owner's zip: Not reported
 Foreign owner's country: Not reported
 Claim # of employees as CBI: False
 Date RMP accepted by EPA: 2002-03-11 00:00:00
 Date of error Report: Not reported
 Date RMP received: 2002-03-08 00:00:00
 Does RMP contain graphics files: False
 Does RMP contain attachments: False
 Was certification letter received: True
 RMP submission method: Commercial Software Vendor
 Does RMP contain CBI substantiation: False
 Does RMP contain electronic waiver: False
 Date RMP postmarked: 2002-03-05 00:00:00
 Is RMP complete: True
 Date of de-registration: 2013-01-15 00:00:00
 Date de-registration is effective: 2013-01-09 00:00:00
 Anniversary date: 2004-06-01 00:00:00
 Does RMP contain CBI data: False
 Does RMP contain unsanitized CBI version: 1.2.5
 RMP version #: 19.7202009999999999
 FRS latitude: -185.05697000000000
 FRS longitude: 155.68100000000000
 FRS Description: PLANT ENTRANCE (GENERAL)
 FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:
 ER plan most recent review date: 2000-03-09 00:00:00
 ER plan most recent employee training date: 2001-02-03 00:00:00
 Local agency coordinating ER plan: Hawaii County LEPC
 Telephone of the coordinating local agency: 80893352785
 Federal regulation: True
 OSHA 1910.120: True
 SPCC: False
 RCRA: False
 OPA 90: False
 EPCRA: True
 Other Regulations: Not reported

Processes:
 Process ID: 35991
 Optional facility description: Chlorine
 Program level: 3

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:
 Active mitigation:

Toxics Worst Case:
 Percent weight of chemical:
 Physical state:
 Analytical basis:
 Scenario:
 Quantity released in pounds:
 Release duration in minutes:
 Release rate in pounds per second:
 Wind speed in meters/second:
 Stability class:
 Topography:
 Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:

25204
 BEI HAWAII - HILO FACILITY, HAWAII
 60 KUKU ROAD
 Not reported
 City, State, Zip: HILO, HI 96720
 LEPC city: Hawaii LEPC
 19.723056
 -155.052778
 T
 I
 CE
 Not reported
 8089337800
 BEI Hawaii, 311 B Pacific St, Honolulu, HI
 0
 Phoenix V LLC
 Not reported
 0
 0
 BEI Hawaii
 8085357400
 311 B Pacific Street
 Honolulu, HI 96817
 Frederick H. Kubota
 Vice President, Sales & Operation
 Geoffrey Laufer
 Plant Superintendent
 8089337813
 8084870067
 Not reported

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:
 Active mitigation:

EPA's RMP Guidance for Warehouses Reference Tables or Equations
 Not reported
 Not reported
 Not reported
 Not reported
 10
 Not reported
 1.5
 F
 a
 Not reported
 Not reported
 Not reported
 Not reported

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:

Distance to endpoint in miles:
 Residential population:
 Public receptors:
 Environmental receptors:
 Passive mitigation:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

Record contains CBI data: False
Process NAICS: Other Chemical and Allied Products Wholesalers
NAICS code description:

Prevention Program 3:
Safety review date: 2001-12-27 00:00:00
Most recent PHA date: 1998-07-01 00:00:00
Checklist
Process Hazard Analysis: 2001-12-08 00:00:00
Expected PHA changes completion date:
Major Hazard: Toxic Release, Fire, Corrosion, Equipment failure
Process Control: Vents, Relief valves, Alarms
Mitigation/Detection: None
Monitoring Systems: None
Changes since the last process hazard analysis: Chemical reduction
Most recent review of op. procedures: 2001-12-01 00:00:00
Most recent training progs review/update: 2001-09-17 00:00:00
Training: Classroom
Competency testing: Written test, Observation
Most recent maintenance review date: 1998-07-01 00:00:00
Most recent equipment inspection date: 1998-07-01 00:00:00
Equipment tested: Cylinder and Tankers
Most recent changes by mgmt: 1998-07-01 00:00:00
Date of pre-start review: 1998-07-01 00:00:00
Most recent compliance audit date: 1998-07-01 00:00:00
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: 1998-07-01 00:00:00
Date of hot work permit review: 1998-07-01 00:00:00
Date of contractor safety review: 1998-07-01 00:00:00
Date of contractor safety eval. review: Not reported
Record has CBI data: False

Process Chemicals:
Chemical name: Chlorine
Process chemical qty in 100s lbs: 70000
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0

Toxics All Releases:
Percent weight of chemical: 100
Physical state: c
Analytical basis: EPA's RMP Guidance for Warehouses Reference Tables or Equations
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

1012040923

Passive mitigation: Emergency Response Kit A&B
Active mitigation: Not reported

Toxics Worst Case:
Percent weight of chemical: 100
Physical state: c
Analytical basis: EPA's RMP Guidance for Warehouses Reference Tables or Equations
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: 10
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5
Stability class: F
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

Facility ID: 47745
Name: BEI HAWAII - HILO FACILITY, HAWAII
Address: 60 KUKIO ROAD
City/State/Zip: HILO, HI 96720
LEPC city: Hawaii LEPC
Facility decimal latitude: 19.728611
Is facility in county box: -155.054167
Lat/Long method: T
Lat/Long description: CE
Home page web address: http://www.beihawaii.com/bel_hawaii.htm
Facility telephone: 8085356025
Facility email: szhai@beihawaii.com
Parents name: Phoenix V LLC
Parents DUNS #: Not reported
Partners name: Not reported
Partners DUNS #: 0
Operators name: BEI Hawaii
Operators telephone: 8085327400
Operators address: 311 Pacific Street
Operators City/State/Zip: Honolulu, HI 96817
RMP implementation contact: Frederick H. Kubota
RMP contact title: President, Distribution
Emergency contact: Geoffrey Lauer
Emergency contact title: Plant Superintendent
Emergency contact telephone: 8089332813
24 hour emergency telephone: 8088955795
Emergency contact ext/zip #: Not reported
Number of full time employees: 13
EPA ID: Not reported
Facility ID provided by CEPRO: 10000022163
Is facility covered by OSHA PSM: T

Is facility covered by EPCRA 302: T
 Is fac. covered by CAA Title V 112(2): F
 Clean air op. permit/State ID: 2006-10-12 00:00:00 Not reported
 Last safety insp. dat: State occupational safety agency
 Inspected by: False
 Is it OSHA approved with star/merit ranking: False
 Will RMP involve predictive filling: False
 Correction: Not reported
 RMP description: True
 Facility has no accident hist. recs: Not reported
 Foreign owner's address: Not reported
 Foreign owner's zip: Not reported
 Foreign owner's country: False
 Claim # of employees as CBI: 2007-03-05 00:00:00 Not reported
 Date RMP accepted by EPA: 2007-03-02 00:00:00 Not reported
 Date of error Report: False
 Does RMP contain graphics files: True
 Does RMP contain attachments: False
 Was certification letter received: True
 RMP submission method: RMP-Submit
 Does RMP contain CBI substantiation: False
 Does RMP contain electronic waiver: False
 Date RMP postmarked: 2007-02-26 00:00:00
 Is RMP complete: True
 Date of de-registration: 2013-01-15 00:00:00
 Anniversary date: 2013-01-09 00:00:00
 2009-06-16 00:00:00
 Does RMP contain CBI data: False
 Does RMP contain unsanitized CBI version: 3.8
 RMP version #: 19.73200999999999
 FRS latitude: -155.05697000000001
 FRS longitude: PLANT ENTRANCE (GENERAL)
 FRS description: ADDRESS MATCHING-HOUSE NUMBER
 FRS Method:

Emergency Responses:
 ER plan most recent review date: 2000-03-09 00:00:00
 ER plan most recent employee training date: 2001-02-03 00:00:00
 Local agency coordinating ER plan: /
 Telephone of the coordinating local agency: 8089352785
 Federal regulation: True
 OSHA 1910.120: False
 SPOC: False
 RCRA: False
 OPA 90: False
 EPCRA: True
 Other Regulations: Not reported

Processes:
 Process ID: 69206
 Optional facility description: Chlorine
 Program level: 3
 Record contains CBI data: False
 Process NAICS: 42469
 NAICS code description:

Prevention Program 3:
 Safety review date: 2004-06-18 00:00:00
 Most recent PHA date: 2004-07-18 00:00:00
 Checklist
 Process Hazard Analysis: 2004-07-18 00:00:00
 Expected PHA changes completion date: 2004-07-18 00:00:00
 Major Hazard: Toxic Release
 Process Control: Emergency air supply
 Mitigation Systems: Emergency Response Kit A & B, Fusible metal plug to release the gas pressure in case of fire
 Monitoring/Detection: Not reported
 Changes since the last process hazard analysis: Mechanical reduction
 Most recent review of op. procedures: 2004-07-14 00:00:00
 Most recent training prog's review/update: 2004-07-14 00:00:00
 Training: Classroom, RMP&PSMP, HAZWOPER training
 Competency testing: Oral test, Demonstration
 Most recent maintenance review date: 2001-12-30 00:00:00
 Most recent equipment inspection date: 2001-12-30 00:00:00
 Equipment tested: Cylinder inspected by Pioneer every five year
 Most recent changes by mgmt: 2001-12-30 00:00:00
 Date of pre-start review: Not reported
 Most recent compliance audit date: 2004-07-18 00:00:00
 Expected date of audit completion: Not reported
 Most recent incident investigation changes: Not reported
 Date of participation plan review: 2001-12-30 00:00:00
 Date of hot work permit review: 2001-12-30 00:00:00
 Date of contractor safety review: Not reported
 Date of contractor safety eval. review: Not reported
 Record has CBI data: False

Process Chemicals:
 Chemical name: Chlorine
 Process chemical qty in 100s lbs: 70000
 Chemical name: Public OCA Chemical
 Process chemical qty in 100s lbs: 0
 Toxics All Releases:
 Percent weight of chemical: 100
 Physical state: c
 Analytical basic: EPA's RMP Comp(TM)
 Scenario: Not reported
 Quantity released in pounds: Not reported
 Release duration in minutes: Not reported
 Release rate in pounds per second: Not reported
 Wind speed in meters/second: 3
 Stability class: D
 Topography: a
 Distance to endpoint in miles: Not reported
 Residential population: Not reported
 Public receptors: Not reported
 Environmental receptors: Not reported
 Passive mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire
 Active mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire

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BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

BEI HAWAII - HILO FACILITY, HAWAII (Continued)

Clean air op. permit/State ID: Not reported
 Last safety insp. dat: 2000-03-01 00:00:00
 Inspected by: EPA Region IX CEPP
 Is it OSHA approved with start/ment ranking: False
 Will RMP involve predictive filing: False
 Submission type: Resubmission
 RMP description: Not reported
 Facility has no accident hist. recs: True
 Foreign owner's address: Not reported
 Foreign owner's zip: Not reported
 Foreign owner's country: Not reported
 Claim # of employees as CBI: False
 Date RMP accepted by EPA: 2004-07-30 00:00:00
 Date of error report: Not reported
 Date RMP received: 2004-06-21 00:00:00
 Does RMP contain graphics files: False
 Does RMP contain attachments: False
 Was certification letter received: True
 RMP submission method: RMP*Submit
 Does RMP contain CBI substantiation: False
 Does RMP contain electronic waiver: False
 Date RMP postmarked: 2004-06-16 00:00:00
 Is RMP complete: True
 Date of de-registration: 2013-01-15 00:00:00
 Date de-registration is effective: 2013-01-09 00:00:00
 Anniversary date: 2009-06-16 00:00:00
 Does RMP contain CBI data: False
 Does RMP contain unsanitized CBI version: 3.2
 RMP version #: 19.732009999999999
 FRS latitude: -155.0569700000001
 FRS longitude: PLANT ENTRANCE (GENERAL)
 FRS Description: ADDRESS MATCHING-HOUSE NUMBER
 FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses: ER plan most recent review date: 2000-03-09 00:00:00
 ER plan most recent employee training date: 2001-02-03 00:00:00
 Local agency coordinating ER plan: /
 Telephone of the coordinating local agency: 8089352785
 Federal regulation: OSHA 1910.120: True
 SPOC: False
 RCRA: False
 OPA 90: False
 EPCRA: True
 Other Regulations: Not reported

Processes: Process ID: 50844
 Optional facility description: Chlorine
 Program level: 3
 Record contains CBI data: False
 Process NAICS: 42469
 NAICS code description: Prevention Program 3:

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Toxics Worst Case: 100
 Percent weight of chemical: C
 Physical state: EPA's RMP*Comp(TM)
 Analytical basis: Not reported
 Scenario: Not reported
 Quantity released in pounds: 10
 Release duration in minutes: Not reported
 Release rate in pounds per second: 1.5
 Wind speed in meters/second: F
 Stability class: a
 Topography: Not reported
 Distance to endpoint in miles: Not reported
 Residential population: Not reported
 Public receptors: Not reported
 Environmental receptors: Not reported
 Passive mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire

35289
 BEI HAWAII - HILO FACILITY, HAWAII
 60 KUKUO ROAD
 Not reported
 HILO, HI 96720
 Hawaii LEPC
 19.728611
 -155.054167
 T
 CE
 http://www.beihawaii.com/default.htm
 8089337800
 Szhai@beihawaii.com
 0
 Phoenix V LLC
 Not reported
 0
 0
 BEI Hawaii
 8085357400
 311 Pacific Street
 Honolulu, HI 96817
 Frederick H. Kubota
 President, Distribution
 Geoffrey Lauer
 Plant Superintendent
 8089337813
 8084870007
 Not reported
 13
 10000022183
 T
 T
 F

Facility ID: Name: BEI HAWAII - HILO FACILITY, HAWAII
 Address: 60 KUKUO ROAD
 Address 2:
 City/State/Zip: HILO, HI 96720
 LEPC city: Hawaii LEPC
 19.728611
 Facility decimal latitude: -155.054167
 Is facility in county box: T
 Lat/Long method: CE
 Home page web address: http://www.beihawaii.com/default.htm
 Facility telephone: 8089337800
 Facility email: Szhai@beihawaii.com
 Facility DUNS #: 0
 Parents name: Phoenix V LLC
 Parents DUNS #: Not reported
 Operators name: BEI Hawaii
 Operators telephone: 8085357400
 Operators address: 311 Pacific Street
 Operators City,State,Zip: Honolulu, HI 96817
 RMP implementation contact: Frederick H. Kubota
 RMP contact title: President, Distribution
 Emergency contact: Geoffrey Lauer
 Emergency contact title: Plant Superintendent
 Emergency contact telephone: 8089337813
 24 hour emergency telephone: 8084870007
 Emergency contact ext/join #: Not reported
 Number of full time employees: 13
 EPA ID: 10000022183
 Facility ID provided by CEPP: T
 Is facility covered by OSHA PSM: T
 Is facility covered by EPCRA 302: F
 Is fac. covered by CAA Title V 112(i): F

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID: Direction: Distance: Elevation: Site: Database(s): EDR ID Number: EPA ID Number: 1012040923

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

BEI HAWAII - HILO FACILITY, HAWAII (Continued) 1012040923

Safety review date: 2004-06-18 00:00:00
Most recent PHA date: 2004-06-18 00:00:00
Process Hazard Analysis: Checklist
Expected PHA changes completion date: 2004-06-21 00:00:00
Major Hazard: Toxic Release
Process Control: Emergency air supply
Mitigation Systems: Emergency Response Kit A & B, Fusible metal plug to release the gas pressure in case of fire
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Chemical reduction
Most recent review of op. procedures: 2004-06-18 00:00:00
Most recent training prog review/update: 2004-07-08 00:00:00
Training: Classroom, RMP&FSMP, HAZWOPER training
Competency testing: Oral test, Demonstration
Most recent maintenance review date: 2001-12-30 00:00:00
Equipment tested: 2001-12-30 00:00:00
Cylinder inspected by Pioneer every five year
Most recent changes by mgmt: 2001-12-30 00:00:00
Date of most recent review/update: 2001-12-30 00:00:00
Date of pre-start review: Not reported
Most recent compliance audit date: 2004-07-08 00:00:00
Expected date of audit completion: 2004-07-08 00:00:00
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: 2001-12-30 00:00:00
Date of hot work permit review: 2001-12-30 00:00:00
Date of contractor safety review: Not reported
Date of contractor safety eval. review: Not reported
Record has CBI data: False

Process Chemicals:
Chemical name: Chlorine
Process chemical qty in 100s lbs: 70000

Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0

Toxics All Releases:
Percent weight of chemical: 100
Physical state: c
Analytical basis: EPA's RMP/Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire
Active mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

BEI HAWAII - HILO FACILITY, HAWAII (Continued) 1012040923

Toxics Worst Case: 100
Percent weight of chemical: c
Physical state: EPA's RMP/Comp(TM)
Analytical basis: Not reported
Scenario: Not reported
Quantity released in pounds: 10
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5
Stability class: F
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire

Facility ID: 100000842
Name: BEI HAWAII - HILO FACILITY, HAWAII
Address: 60 KUKIO ROAD
Address 2: Not reported
City/State/Zip: HILO, HI 96720
LEPC city: Hawaii LEPC
19.728611
Facility decimal latitude: -15.054167
Is facility in county box: T
Lat/Long method: 12
CE
http://www.beihawaii.com/bel_hawaii.htm
Home page web address: 8085356025
Facility telephone: szhai@beihawaii.com
Facility DUNS #: 0
Parents name: Phoenix V LLC
Parents DUNS #: 101471600
Parents DUNS #: 0
Operators telephone: 8085327400
Operators address: 311 Pacific Street
Honolulu, HI 96817
RMP implementation contact: Carolyn Ambrose
RMP contact title: President, BEI Hawaii Distribution
Emergency contact: Geoffrey Lauer
Emergency contact title: Plant Superintendent
Emergency contact telephone: 8089337813
24 hour emergency telephone: 8088955795
Emergency contact ext/rip #: Not reported
Number of full time employees: 13
EPA ID: Not reported
10000022183
Facility ID provided by CEPRO: T
Is facility covered by OSHA PSM: T
Is facility covered by EPCRA 302: T
Is fac. covered by CAA Title V 112(2): F

Clean air op. permit/State ID: Not reported
Last safety insp. dat: 2006-10-12 00:00:00
Inspected by: State occupational safety agency
Is it OSHA approved with start/merit ranking: False
Will RMP involve predictive filing: False

Submission Type: Resubmission
RMP description: Not reported
Facility has no accident hist. recs: False
Foreign owner's address: Not reported
Foreign owner's country: Not reported
Claim # of employees as CBI: Not reported
Date RMP accepted by EPA: False
Date of error Report: Not reported
Date RMP received: 2009-06-12 00:00:00
Does RMP contain graphics files: True
Does RMP contain attachments: False
Was certification letter received: True
RMP submission method: RMP'eSubmit
Does RMP contain CBI substantiation: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 2009-06-12 00:00:00
Is RMP complete: True
Date of de-registration: 2013-01-15 00:00:00
Date de-registration is effective: 2013-01-09 00:00:00
Anniversary date: 2014-06-12 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: False
RMP version #: 1.0
FRS latitude: 19.732009999999999
FRS longitude: -155.05697000000001
PLANT ENTRANCE (GENERAL)
ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:
ER plan most recent review date: 2002-10-30 00:00:00
ER plan most recent employee training date: 2002-10-30 00:00:00
Local agency coordinating ER plan: Hawaii Fire Department
Telephone of the coordinating local agency: 8089618297
Federal regulation: True
OSHA 1910.120: False
SPCC: False
RCRA: False
EPCRA: False
Other Regulations: Not reported

Processes:
Process ID: 1000001029
Optional facility description: Chlorine
Program level: 3
Record contains CBI data: False
Process NAICS: 42469
NAICS code description:

Prevention Program 3:
Percent weight of chemical:

Process Chemicals:
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0

Toxics Air Releases:
Percent weight of chemical: 100
Physical state: C
EPA's RMP Comp(TM): Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: a

Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Emergency Response Kit A&B, F usable metal plug to release the gas pressure in case of fire
Active mitigation: Emergency Response Kit A&B, F usable metal plug to release the gas pressure in case of fire

Toxics Worst Case:
Percent weight of chemical: 100

Safety review date: 2009-05-27 00:00:00
Most recent PHA date: 2009-05-06 00:00:00
Process Hazard Analysis: Checklist
Expected PHA changes completion date: 2009-05-06 00:00:00
Major Hazard: Toxic Release
Process Control: Emergency air supply
Mitigation Systems: Emergency Response Kit A & B, Fusible metal plug to release the gas pressure in case of fire
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Chemical reduction
Most recent review of op. procedures: 2009-05-27 00:00:00
Most recent training prog review/update: 2009-05-27 00:00:00
Training: Classroom, RMP&FSMP, HAZWOPER training
Oral test, Demonstration
Competency testing: 2009-06-01 00:00:00
Most recent maintenance review date: 2009-06-01 00:00:00
Most recent equipment inspection date: 2009-06-01 00:00:00
Equipment tested: Cylinders are hydro tested and inspected by Olin Chlor Alkali Products every five years
Most recent changes by mgmt: 2001-12-30 00:00:00
Date of most recent review/update: 2001-12-30 00:00:00
Date of pre-start review: Not reported
Most recent compliance audit date: 2009-05-05 00:00:00
Expected date of audit completion: 2009-05-05 00:00:00
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: 2009-05-27 00:00:00
Date of hot work permit review: 2009-05-27 00:00:00
Date of contractor safety review: Not reported
Date of contractor safety eval. review: Not reported
Record has CBI data: False

BEI HAWAII - HILO FACILITY, HAWAII (Continued) 1012040923

Physical state: c
 Analytical basic: EPA's RMP/Comp(TM)
 Scenario: Not reported
 Quantity released in pounds: Not reported
 Release duration in minutes: 10
 Release rate in pounds per second: Not reported
 Wind speed in meters/second: 1.5
 Stability class: F
 Topography: a
 Distance to endpoint in miles: Not reported
 Residential population: Not reported
 Public receptors: Not reported
 Environmental receptors: Not reported
 Passive mitigation: Emergency Response Kit A&B, Fusible metal plug to release the gas pressure in case of fire

Chemical name: Chlorine
 Process chemical qty in 100s lbs: 70000

A5 HI SHWS S128196265

GASPRO HILO HERBICIDE MANUFACTURING PLANT
525 KALANIANA'OLE STREET
HILO, HI 96720

Site 4 of 15 in cluster A

SHWS:
 Name: GASPRO HILO HERBICIDE MANUFACTURING PLANT
 Address: 525 KALANIANA'OLE STREET
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported

Relative: Higher
Actual: 7 ft.

A6 HI UST U003541942

JACK L. AYERS, JR.
555 KALANIANA'OLE ST
HILO, HI 96720

Site 5 of 15 in cluster A

UST:
 Name: JACK L. AYERS, JR.
 Address: 555 KALANIANA'OLE ST
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-602405
 Owner: JACK L. AYERS, JR.
 Owner Address: 135 HOLOMUA ST
 Owner City, St, Zip: HILO, 96720 96720
 Latitude: Not reported
 Longitude: Not reported
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Relative: Higher
Actual: 7 ft.

A7 HI RGA HWS S116400685

TESORO HAWAII CORPORATION, TERMINAL DEPARTMENT-595
595 KALANIANA'OLE AVE
HILO, HI

Site 6 of 15 in cluster A

RGA HWS:
 Tank ID: R-001
 Date Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: 12/24/1991
 Tank Capacity: Not reported
 Substance: Other

Relative: Higher
Actual: 7 ft.

2005 TESORO HAWAII CORPORATION, TERMINAL DEPARTMENT-595
KALANIANA'OLE 595 KALANIANA'OLE AVE

A8
Relative: Higher
Actual: 7 ft.
Site 7 of 15 in cluster A
EDR Hist Auto

MILLER PETROLEUM CO INC
595 KALANIANA'OLE AVE
HILO, HI 96720

Site 7 of 15 in cluster A
EDR Hist Auto

Year: Name:
 1982 MILLER PETROLEUM CO INC
 1983 MILLER PETROLEUM CO INC
 1986 J D C PETROLEUM CORPORATION
 1989 M S PETROLEUM CORPORATION
 1990 M S PETROLEUM CORPORATION

Type:
 Petroleum Bulk Stations And Terminals
 Petroleum Bulk Stations And Terminals
 Petroleum Bulk Stations And Terminals
 Engine Fuels And Oils

A9
Relative: Higher
Actual: 7 ft.
Site 8 of 15 in cluster A
SHWS

HILO TERMINAL 595 KALANIANA'OLE AVENUE
595 KALANIANA'OLE AVE
HILO, HI 96720

HI SHWS
HI SPILLS
HI SPILLS
NIA

TESORO HILO TERMINAL 2 LEAD CONTAMINATION
595 KALANIANA'OLE AVE
HILO, HI 96720

Name: Not reported
 City/State/Zip: Not reported
 Supplemental Location: Not reported
 Island: Not reported
 Environmental Interest: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Not reported
 SDAR Environmental Interest Name: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Priority: Not reported
 Assessment: Not reported
 Nature of Contamination: Not reported
 Use Restrictions: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 941
 Location Description: 595 Kalaniana'ole Ave
 Is Public: True
 Update On: 2020-08-05 15:11:39
 Latitude: 19.727700
 Longitude: -155.056000

HILO TERMINAL 595 KALANIANA'OLE AVENUE (Continued)
2020-08-05 15:01:42
19.727244
-155.056139

Name: HILO TERMINAL 595 KALANIANA'OLE AVENUE
 Address: HILO, HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Priority: Not reported
 Assessment: Not reported
 Nature of Contamination: Not reported
 Use Restrictions: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 941
 Location Description: 595 Kalaniana'ole Ave
 Is Public: True
 Update On: 2020-08-05 15:11:39
 Latitude: 19.727700
 Longitude: -155.056000

SPILLS:
 Name: TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 595 KALANIANA'OLE
 Address: 595 KALANIANA'OLE AVE
 Address 2: Not reported
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: HILO Terminal
 Case Number: 19891024
 Facility Registry ID: 110001412490
 HID Number: Not reported
 Lead and Program: HEER EF&R



HILO TERMINAL 595 KALANIANAOLE AVENUE (Continued) S106620587

Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.727108000000001
 Longitude: -155.05615800000001

Name: TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 595 KALANIANAOLE
 Address: 595 KALANIANAOLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Terminal
 Case Number: 19881024
 Facility Registry ID: 110001412480
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: MS Petroleum (J. Clayton)
 Activity Type: Response
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: SOSC NFA
 File Under: Tesoro Hawaii Corporation
 Substances: Gasoline
 Quantity: 1000
 Units: Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported

HILO TERMINAL 595 KALANIANAOLE AVENUE (Continued) S106620587

Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.693199999999999
 Longitude: -155.307075

Name: TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 595 KALANIANAOLE
 Address: 595 KALANIANAOLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Terminal
 Case Number: 19881024
 Facility Registry ID: 110001412480
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: MS Petroleum (J. Clayton)
 Activity Type: Response
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: SOSC NFA
 File Under: Tesoro Hawaii Corporation
 Substances: Gasoline
 Quantity: 1000
 Units: Gallons

Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Site

Database(s)
EDR ID Number
EPA ID Number

HILO TERMINAL 595 KALANIANAOLE AVENUE (Continued)

S106620587

HILO TERMINAL 595 KALANIANAOLE AVENUE (Continued)

S106620587

HID Number: Not reported
Lead and Program: HEER EP&R
ER: Not reported
Less Or Greater Than: Not reported
Units: Tesoro Hilo Terminal 2 Petroleum Contamination
Activity Type: Response
Activity Lead: Liz Galvez
Assignment End Date: 2011-03-02 00:00:00
Result: Refer to SDAR
File Under: Tesoro Hawaii Corporation
Substances: Oil
Quantity: Not reported
Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Quantity: 0
Units: Not reported
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Is Noteworthy for Reports: Is the Release a Fugitive Dumping:
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.72682100000001
Longitude: -155.05561999999999

Is Noteworthy for Reports: Is the Release a Fugitive Dumping:
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.7272
Longitude: -155.05561999999999

TESORO HILO TERMINAL 2

S106620587

TESORO HILO TERMINAL 2

S106620587

Address: 595 KALANIANAOLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Hilo Terminal 2
Case Number: 20090130-1055
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: Not reported
Units: Tesoro Hilo Terminal 2 Lead
Activity Type: Response
Activity Lead: Mike Cripps
Assignment End Date: 2009-06-04 00:00:00
Result: Refer to SDAR
File Under: Tesoro Hawaii Corporation
Substances: Lead

Name: TESORO HILO TERMINAL 2
Address: 595 KALANIANAOLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Hilo Terminal 2
Case Number: 20090130-1055
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: Not reported
Units: Tesoro Hilo Terminal 2 Lead
Activity Type: Response
Activity Lead: Mike Cripps
Assignment End Date: 2009-06-28 00:00:00
Result: copy of followup to SDAR
File Under: Tesoro Hawaii Corporation
Substances: Lead
Quantity: 0
Units: Not reported
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILO TERMINAL 595 KALANIANOLE AVENUE (Continued)

Tax Map Key: Not reported
Assigned SOSC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: 19.7272
Latitude: -155.05619999999999
Longitude:

**TESORO HAWAII HILO TERMINAL NO 2
595 KALANIANOLE AVE
HILO, HI 96720**

RCRA NonGen / NLR
FINDS
ECHO

1001218489
HR00000844

Site 9 of 15 in cluster A

RCRA NonGen / NLR: 20130828
Date Form Received by Agency: TESORO HAWAII HILO TERMINAL NO 2
Handler Name: 595 KALANIANOLE AVE
Handler Address: HILO, HI 96720
Handler City/State/Zip: HIR00000844
EPA ID: RICHARD ROSEN
Contact Name: P O BOX 3379
Contact Address: HONOLULU, HI 96842
Contact City/State/Zip: 808-547-3795
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: 09
EPA Region: State
Federal Waste Generator Description: Not a generator, verified
Land Type: Not reported
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: P O BOX 3379
Mailing Address: HONOLULU, HI 96842
Mailing City/State/Zip: TESORO HAWAII CORP
Owner Name: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transferor Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelling Melting and Refining Furnace Exemption: No

A10
< 1/8
1 ft.

Relative:
Higher
Actual:
7 ft.

TESORO HAWAII HILO TERMINAL NO 2 (Continued)

Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: N
Hazardous Secondary Material Indicator: Not reported
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRR Permit Baseline: Not on the Baseline
2018 GPRR Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRR Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: Not reported
Operating TSDF Universe: Not reported
Full Enforcement Universe: No
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: Not reported
Financial Assurance Required: 20130920
Handler Date of Last Change: No
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined
Waste Code: D001
Waste Description: IGNITABLE WASTE
Waste Code: D018

1001218489

TESORO HAWAII HILO TERMINAL NO 2 (Continued) **1001218489**

Waste Description: BENZENE

Handler - Owner Operator:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner:
 TESORO HAWAII CORP
 Private
 Not reported
 P O BOX 3379
 HONOLULU, HI 96842
 808-547-3111
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner:
 TESORO HAWAII CORP
 Private
 Not reported
 P O BOX 3379
 HONOLULU, HI 96842
 808-547-3111
 Not reported
 Not reported
 Not reported

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:
 Non Storage Recycler Activity:
 Electronic Manifest Broker:

19980603
 TESORO HAWAII HILO TERMINAL NO 2
 Small Quantity Generator
 Not reported
 No
 No
 No
 No
 No
 Not reported
 Not reported

Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:
 Non Storage Recycler Activity:
 Electronic Manifest Broker:

20130828
 TESORO HAWAII HILO TERMINAL NO 2
 Not a generator, verified
 Not reported
 No
 No
 No
 No
 No
 Not reported
 Not reported

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

List of NAICS Codes and Descriptions:
 NAICS Codes:

No NAICS Codes Found

TESORO HAWAII HILO TERMINAL NO 2 (Continued) **1001218489**

Facility Has Received Notices of Violations:
 Violations:
 Evaluation Action Summary:
 Evaluations:

No Violations Found
 No Evaluations Found

FINDS:
 Registry ID: 110001412480

Click Here:
 Environmental Interests/Information System:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER

ECHO:
 Envid: 1001218489
 Registry ID: 110001412480
 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001412480
 Name: TESORO HAWAII HILO TERMINAL NO 2
 Address: 595 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

Relative:
 Higher
 Actual:
 7 ft.

List of NAICS Codes and Descriptions:
 NAICS Codes:

No NAICS Codes Found

BREWER ENVIRONMENTAL INDUSTRIES (Continued)

Violation occurred: Yes
Investigation Type: AHERA, Enforcement. SEE Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 19900117R4004 1
Region: 04
Inspection Date: Not reported
Inspector: OGDEN, JOHN
Violation occurred: Yes
Investigation Type: AHERA, Enforcement. SEE Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: TSCA
Facility Function: User

MAUNA KEA AGRIBUSINESS CO., INC (Continued)

Assigned SOSOC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported

UIC:
UIC Permit Number: UH-1253
Facility Id/Lat Long Minute Coordinates: 8-4402.01-1-2
Central Latitude Of The Site: 19 44 03
Flow In Gallons Per Day: 155 02 16
Total Number Of Inj. Well(S) On Permit: 2
Island: Hawaii
Location In Relation To UIC Line: below
Facility Type: DW
Subclass: C
Facility Operator, Not Contract Opr: Sparks & Boschetti, LLC
Operator Address: c/o Marcus & Associates,1045 Mapunapuna,Hon.HI 96819
Facility Owner: Sparks & Boschetti, LLC
Owner Address: see operator's address
Tax Map Key Number: 3-2-1-09-003 & 004
Owner Of Land Property On Leasehold: none
Consultant Serving The Application: Brewer Environmental Serv.
Receipt Of Initial Application: 1/11/1985
Public Notice Date: Not reported
Approval-To-Construct Issuance Date: 10/2/1985
Exemption Issuance Date: Not reported
1st Issuance Of Permit: 10/2/1985
Last Issuance Of Permit: 5/19/2005
Type: modification
Permit Expiration Date: 11/3/2008
Date When File Is Closed: Not reported
UIC Project Geologist: JR
Remarks: changed operator/name/owner

MAUNA KEA AGRIBUSINESS CO., INC
60 KUHIHO ST
HILO, HI 96720

Site 2 of 13 in cluster C

HI SPILLS
HI UIC
S106819026
N/A

MAUNA KEA AGRIBUSINESS CO., INC
60 KUHIHO ST
HILO, HI 96720

Site 2 of 13 in cluster C

SPILLS:
Name: MAUNA KEA AGRIBUSINESS CO., INC
Address: 60 KUHIHO ST
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Not reported
Case Number: 20030711-1001
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R
ER: Site Visit
Less Or Greater Than: Not reported
Units: Mauna Kea Agribusiness Co., Inc
Activity Type: Response
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: SOSOC NFA
File Under: C-Brewer and Company Limited
Substances: Oil
Quantity: Not reported
Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

is Noteworthy for Reports: Not reported
is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported

C13
< 1/8
1 ft.

Relative:
Higher

Actual:
7 ft.

BREWER ENVIRONMENTAL INDUSTRIES LLC. HILO
60 KUHIHO STREET
HILO, HI 96720

Site 3 of 13 in cluster C

ICIS:
Enforcement Action ID: 09-2001-0083
FRS ID: 110000508610
Action Name: BREWER ENVIRONMENTAL INDUSTRIES
Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC. HILO
Facility Address: 60 KUHIHO STREET

BREWER ENVIRONMENTAL INDUSTRIES LLC. HILO
60 KUHIHO STREET
HILO, HI 96720

Site 3 of 13 in cluster C

ICIS:
Enforcement Action ID: 09-2001-0083
FRS ID: 110000508610
Action Name: BREWER ENVIRONMENTAL INDUSTRIES
Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC. HILO
Facility Address: 60 KUHIHO STREET

C14
< 1/8
1 ft.

Relative:
Higher

Actual:
7 ft.

Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
<p>BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO (Continued)</p> <p>Enforcement Action Type: HILO, HI 96720 Facility County: CERCLA 109 Action For Penalty Program System Acronym: ICIS Enforcement Action Forum Desc: Administrative - Formal EA Type Code: 109 Facility SIC Code: 5169 Federal Facility ID: Not reported Latitude in Decimal Degrees: 19.728611 Longitude in Decimal Degrees: -155.054167 Permit Type Desc: Not reported Program System Acronym: 24596 Facility NAICS Code: Not reported Tribal Land Code: Not reported</p> <p>Enforcement Action ID: 09-2001-0093 FRS ID: 110005098610 Action Name: BREWER ENVIRONMENTAL INDUSTRIES Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO Facility Address: 60 KUHIHO STREET HILO, HI 96720</p> <p>Enforcement Action Type: EPCRA 325 Action For Penalty Facility County: HAWAII Program System Acronym: ICIS Enforcement Action Forum Desc: Administrative - Formal EA Type Code: 325 Facility SIC Code: 5169 Federal Facility ID: Not reported Latitude in Decimal Degrees: 19.728611 Longitude in Decimal Degrees: -155.054167 Permit Type Desc: Not reported Program System Acronym: 24596 Facility NAICS Code: Not reported Tribal Land Code: Not reported</p> <p>Enforcement Action ID: 09-2001-0093 FRS ID: 110005098610 Action Name: BREWER ENVIRONMENTAL INDUSTRIES Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO Facility Address: 60 KUHIHO STREET HILO, HI 96720</p>	<p>Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p>		1018285261

Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
<p>BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO (Continued)</p> <p>Enforcement Action Type: HILO, HI 96720 Facility County: CERCLA 109 Action For Penalty Program System Acronym: ICIS Enforcement Action Forum Desc: Administrative - Formal EA Type Code: 109 Facility SIC Code: 5169 Federal Facility ID: Not reported Latitude in Decimal Degrees: 19.728611 Longitude in Decimal Degrees: -155.054167 Permit Type Desc: Not reported Program System Acronym: 24596 Facility NAICS Code: Not reported Tribal Land Code: Not reported</p> <p>Enforcement Action ID: 09-2001-0093 FRS ID: 110005098610 Action Name: BREWER ENVIRONMENTAL INDUSTRIES Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO Facility Address: 60 KUHIHO STREET HILO, HI 96720</p> <p>Enforcement Action Type: EPCRA 325 Action For Penalty Facility County: HAWAII Program System Acronym: ICIS Enforcement Action Forum Desc: Administrative - Formal EA Type Code: 325 Facility SIC Code: 5169 Federal Facility ID: Not reported Latitude in Decimal Degrees: 19.728611 Longitude in Decimal Degrees: -155.054167 Permit Type Desc: Not reported Program System Acronym: 24596 Facility NAICS Code: Not reported Tribal Land Code: Not reported</p> <p>Enforcement Action ID: 09-2001-0093 FRS ID: 110005098610 Action Name: BREWER ENVIRONMENTAL INDUSTRIES Facility Name: BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO Facility Address: 60 KUHIHO STREET HILO, HI 96720</p>	<p>Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5191</p> <p>Facility Name: BEI-HILO Address: 60 KUHIHO AVENUE Tribal Indicator: N Fed Facility: No NAIC Code: Not reported SIC Code: 5169</p>		1018285261

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number	
C15	< 1/8 1 ft.			BREWER CHEM CORP 60 KUHIIO STREET HILO, HI 96720 Site 4 of 13 in cluster C	TSCA	1005926638	N/A	
				TSCA: No Details:				
				No Details:				
Relative: Higher								
Actual: 7 ft.								
C16	< 1/8 1 ft.			BEIHAWAII - HILO FACILITY, HAWAII 60 KUHIIO AVENUE HILO, HI 96720 Site 5 of 13 in cluster C	FINDS ECHO	1016106493	N/A	
				Registry ID: 110000508610				
				Click Here:				
				Environmental Interests/Information System: NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements. US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off site. RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. SPATE MASTER US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(f) of the Clean Air Act (CAA). ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring. Click this hyperlink while viewing on your computer to access additional FINDS; detail in the EDR Site Report.				

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BREWER ENVIRONMENTAL INDUSTRIES LLC. HILO (Continued)							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5169							
Facility Name: BEI-HILO							
Address: 60 KUHIIO AVENUE							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5191							
Facility Name: BEI-HILO							
Address: 60 KUHIIO AVENUE							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5169							
Facility Name: BEI-HILO							
Address: 60 KUHIIO AVENUE							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5191							
Facility Name: BEI-HILO							
Address: 60 KUHIIO AVENUE							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5169							
Facility Name: BEI-HILO							
Address: 60 KUHIIO AVENUE							
Tribal Indicator: N							
Fed Facility: No							
NAIC Code: Not reported							
SIC Code: 5191							

BEI HAWAII - HILO FACILITY, HAWAII (Continued)
 ECHO: 1016106483
 Registry ID: 110000508610
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000508610>
 Name: BEI HAWAII - HILO FACILITY, HAWAII
 Address: 60 KUHIO AVENUE
 City/State/Zip: HILO, HI 96720

FARMER PESTICIDE DISPOSAL PROJECT RCRA NonGen / NLR 1000297907
 60 KUHIO RD HILO, HI 96720
 Site 6 of 13 in cluster C
 RCRA NonGen / NLR: 19870820
 Date Form Received by Agency: FARMER PESTICIDE DISPOSAL PROJECT
 Handler Name: 60 KUHIO RD
 Handler Address: HILO, HI 96720
 Handler City/State/Zip: HILO, HI 96720
 EPA ID: HID982025967
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 60 KUHIO RD
 Contact City/State/Zip: HILO, HI 96720
 Contact Telephone: 808-548-6915
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Other
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 465 S KING ST
 Mailing City/State/Zip: HONOLULU, HI 96813
 Owner Name: STATE OF HAWAII
 Owner Type: State
 Operator Name: NOT REQUIRED
 Operator Type: State
 Short-Term Generator Activity: Not reported
 Importer Activity: Not reported
 Mixed Waste Generator: Not reported
 Transporter Activity: Not reported
 Transfer Facility Activity: Not reported
 Recycler Activity with Storage: Not reported
 Small Quantity On-Site Burner Exemption: Not reported
 Smelting Melting and Refining Furnace Exemption: Not reported
 Underground Injection Control: Not reported
 Off-Site Waste Receipt: Not reported
 Universal Waste Indicator: Not reported
 Universal Waste Destination Facility: Not reported
 Federal Universal Waste: Not reported
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported

BEI HAWAII - HILO FACILITY, HAWAII (Continued)
 EDR ID Number: 1016106493
 EPA ID Number: HID982025967
 Database(s): RCRA NonGen / NLR

FARMER PESTICIDE DISPOSAL PROJECT (Continued)
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPRA Permit Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not on the Baseline
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSD's Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: 20020729
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: STATE OF HAWAII
 Legal Status: State
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: NOT REQUIRED
 Owner/Operator City/State/Zip: NOT REQUIRED, ME 99999
 Owner/Operator Telephone: 415-555-1212
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: NOT REQUIRED

FARMER PESTICIDE DISPOSAL PROJECT (Continued) 1000297907

Legal Status: State
 Date Became Current: Not reported
 Date Ended Current: NOT REQUIRED
 Owner/Operator Address: NOT REQUIRED, ME 99999
 Owner/Operator City/State/Zip: 415-555-1212
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 19870820
 Handler Name: FARMER PESTICIDE DISPOSAL PROJECT
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

FARMER PESTICIDE DISPOSAL PROJECT (Continued) 1000297907

NAICS Code: 32532
 NAICS Description: PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

Facility Has Received Notices of Violations: No Violations Found
 Evaluation Action Summary: No Evaluations Found
 Evaluations:

CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

Map ID Direction Distance Elevation
 Site
 Database(s)

Click click.links.hopdata.com while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO: 1014697038
 Envid: 110041668754
 Registry ID: http://echo.epa.gov/detailed-facility-report?Id=110041668754
 DFR URL: CONENS FREIGHT TRANSPORT, INC.
 Name: 60 KUHIO ST
 Address: HILO, HI 96720
 City/State/Zip:

CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

Map ID Direction Distance Elevation
 Site
 Database(s)

Click click.links.hopdata.com while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO: 1014697038
 Envid: 110041668754
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 DFR URL: CONENS FREIGHT TRANSPORT, INC.
 Name: 60 KUHIO ST
 Address: HILO, HI 96720
 City/State/Zip:

CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

Map ID Direction Distance Elevation
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 Database(s)

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 Name: 60 KUHIO ST
 Address: HILO, HI 96720
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CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

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CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

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 Name: 60 KUHIO ST
 Address: HILO, HI 96720
 City/State/Zip:

CONENS FREIGHT TRANSPORT, INC. (Continued) 1014697038

Map ID Direction Distance Elevation
 Site
 Database(s)

Click click.links.hopdata.com while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO: 1014697038
 Envid: 110041668754
 Registry ID: http://echo.epa.gov/detailed-facility-report?Id=110041668754
 DFR URL: CONENS FREIGHT TRANSPORT, INC.
 Name: 60 KUHIO ST
 Address: HILO, HI 96720
 City/State/Zip:

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

Expected PHA changes completion date: 1998-07-01 00:00:00
Major Hazard: Toxic Release
Process System: None
Mitigation Systems: None
Monitoring/Detection: None
Changes since the last process hazard analysis: Chemical reduction
Most recent review of op. procedures: 1998-07-01 00:00:00
Most recent training progs review/update: 1998-07-01 00:00:00
Training: Classroom
Competency testing: Written test, Demonstration
Most recent maintenance review date: 1998-07-01 00:00:00
Most recent equipment inspection date: 1998-07-01 00:00:00
Equipment tested: Cylinders
Most recent changes by mgmt: Not reported
Date of most recent review/update: 1998-07-01 00:00:00
Most recent compliance audit date: 1998-07-01 00:00:00
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: 1998-07-01 00:00:00
Date of hot work permit review: 1998-07-01 00:00:00
Date of contractor safety eval. review: Not reported
Record has CBI data: False

Process Chemicals:
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0

Toxics Alt Releases:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's OCA Guidance Reference Tables or Equations
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Emergency Kit

Toxics Worst Case:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's OCA Guidance Reference Tables or Equations
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: 10
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5

Process ID: 1971
Optional facility description: Storage
Program level: 3
Record contains CBI data: False

Process NAICS: General Warehousing and Storage Facilities
NAICS code description:

Prevention Program 3:
Safety review date: 1998-07-01 00:00:00
Most recent PHA date: 1998-07-01 00:00:00
Process Hazard Analysis: FMEA

Is it OSHA approved with start/merit ranking: False
Will RMP involve predictive filing: False
Submission type: First Time
RMP description: Not reported
Facility has no accident hist.: True
Foreign owner's address: Not reported
Foreign owner's zip: Not reported
Foreign owner's country: False
Claim # of employees as CBI: 1999-06-08 00:00:00
Date RMP accepted by EPA: Not reported
Date RMP received: 1999-06-07 00:00:00
Does RMP contain graphics files: False
Does RMP contain attachments: True
Was certification letter received: True
RMP submission method: RMP-Submit
Does RMP contain CBI substantiation: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 1999-06-01 00:00:00
Is RMP complete: True
Date of de-registration: 2013-01-15 00:00:00
Date de-registration is effective: 2013-01-09 00:00:00
Anniversary date: 2004-06-01 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: 1,1,4
RMP version #: 19,732009999999999
FRS latitude: -155.05692700000001
FRS longitude: PLANT ENTRANCE (GENERAL)
FRS Description: ADDRESS MATCHING-HOUSE NUMBER
FRS Method:

Emergency Responses:
ER plan most recent review date: 1999-02-01 00:00:00
ER plan most recent employee training date: 1999-03-15 00:00:00
Local agency coordinating ER plan: Hawaii County Civil Defense
Telephone of the coordinating local agency: 8089350031
Federal regulation: False
OSHA 1910.120: True
SPCC: False
RCRA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Processes:
Process ID: 1971
Optional facility description: Storage
Program level: 3
Record contains CBI data: False

Process NAICS: General Warehousing and Storage Facilities
NAICS code description:

Prevention Program 3:
Safety review date: 1998-07-01 00:00:00
Most recent PHA date: 1998-07-01 00:00:00
Process Hazard Analysis: FMEA

Is it OSHA approved with start/merit ranking: False
Will RMP involve predictive filing: False
Submission type: First Time
RMP description: Not reported
Facility has no accident hist.: True
Foreign owner's address: Not reported
Foreign owner's zip: Not reported
Foreign owner's country: False
Claim # of employees as CBI: 1999-06-08 00:00:00
Date RMP accepted by EPA: Not reported
Date RMP received: 1999-06-07 00:00:00
Does RMP contain graphics files: False
Does RMP contain attachments: True
Was certification letter received: True
RMP submission method: RMP-Submit
Does RMP contain CBI substantiation: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 1999-06-01 00:00:00
Is RMP complete: True
Date of de-registration: 2013-01-15 00:00:00
Date de-registration is effective: 2013-01-09 00:00:00
Anniversary date: 2004-06-01 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: 1,1,4
RMP version #: 19,732009999999999
FRS latitude: -155.05692700000001
FRS longitude: PLANT ENTRANCE (GENERAL)
FRS Description: ADDRESS MATCHING-HOUSE NUMBER
FRS Method:

Emergency Responses:
ER plan most recent review date: 1999-02-01 00:00:00
ER plan most recent employee training date: 1999-03-15 00:00:00
Local agency coordinating ER plan: Hawaii County Civil Defense
Telephone of the coordinating local agency: 8089350031
Federal regulation: False
OSHA 1910.120: True
SPCC: False
RCRA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Processes:
Process ID: 1971
Optional facility description: Storage
Program level: 3
Record contains CBI data: False

Process NAICS: General Warehousing and Storage Facilities
NAICS code description:

Prevention Program 3:
Safety review date: 1998-07-01 00:00:00
Most recent PHA date: 1998-07-01 00:00:00
Process Hazard Analysis: FMEA

Is it OSHA approved with start/merit ranking: False
Will RMP involve predictive filing: False
Submission type: First Time
RMP description: Not reported
Facility has no accident hist.: True
Foreign owner's address: Not reported
Foreign owner's zip: Not reported
Foreign owner's country: False
Claim # of employees as CBI: 1999-06-08 00:00:00
Date RMP accepted by EPA: Not reported
Date RMP received: 1999-06-07 00:00:00
Does RMP contain graphics files: False
Does RMP contain attachments: True
Was certification letter received: True
RMP submission method: RMP-Submit
Does RMP contain CBI substantiation: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 1999-06-01 00:00:00
Is RMP complete: True
Date of de-registration: 2013-01-15 00:00:00
Date de-registration is effective: 2013-01-09 00:00:00
Anniversary date: 2004-06-01 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: 1,1,4
RMP version #: 19,732009999999999
FRS latitude: -155.05692700000001
FRS longitude: PLANT ENTRANCE (GENERAL)
FRS Description: ADDRESS MATCHING-HOUSE NUMBER
FRS Method:

Emergency Responses:
ER plan most recent review date: 1999-02-01 00:00:00
ER plan most recent employee training date: 1999-03-15 00:00:00
Local agency coordinating ER plan: Hawaii County Civil Defense
Telephone of the coordinating local agency: 8089350031
Federal regulation: False
OSHA 1910.120: True
SPCC: False
RCRA: False
OPA 90: False
EPCRA: True
Other Regulations: Not reported

Processes:
Process ID: 1971
Optional facility description: Storage
Program level: 3
Record contains CBI data: False

Process NAICS: General Warehousing and Storage Facilities
NAICS code description:

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

1011817344

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

U003222315

BREWER ENVIRONMENTAL INDUSTRIES (Continued)

Name: BREWER ENVIRONMENTAL INDUSTRIES
Address: 60 KUHIOWHARF RD
City/State/Zip: HILO, HI 96720
Tank ID: R-2
Date Installed: 01/22/1936
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 1000
Substance: Gasoline
Name: BREWER ENVIRONMENTAL INDUSTRIES
Address: 60 KUHIOWHARF RD
City/State/Zip: HILO, HI 96720
Tank ID: R-3
Date Installed: 01/22/1936
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 285
Substance: Used Oil

1007092108
HID059472415

BREWER CHEM CORP
60 KUHIOWHARF RD
HILO, HI 96720
Site 11 of 13 in cluster C

RCRA NonGen / NLR: 19930804
Date Form Received by Agency: BREWER CHEM CORP
Handler Name:
Handler Address:
Handler City/State/Zip:
EPA ID:
Contact Name:
Contact Address:
Contact City/State/Zip:
Contact Telephone:
Contact Fax:
Contact Email:
Contact Title:
EPA Region:
Land Type:
Federal Waste Generator Description:
Non-Notifier:
Biennial Report Cycle:
Accessibility:
Active Site Indicator:
State District Owner:
State District:
Mailing Address:
Mailing City/State/Zip:
Owner Name:
Operator Name:
Operator Type:
Short-Term Generator Activity:
Importer Activity:

1011817344

BREWER ENVIRONMENTAL INDUSTRIES, LLC - HILO (Continued)

Stability class: F
Topography: a
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Chemical name: Chlorine
Process chemical qty in 100s lbs.: 70000

1016404178
N/A

BREWER ENVIRONMENTAL INDUSTRIES
60 KUHIOWHARF RD
HILO, HI 96720
Site 9 of 13 in cluster C

Registry ID: 110055386603
Click Here:
Environmental Interest/Information System:
OSHA ESTABLISHMENT
STATE MASTER
Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

U003222315
N/A

BREWER ENVIRONMENTAL INDUSTRIES
60 KUHIOWHARF RD
HILO, HI 96720
Site 10 of 13 in cluster C

UST:
Name: BREWER ENVIRONMENTAL INDUSTRIES
Address: 60 KUHIOWHARF RD
City/State/Zip: HILO, HI 96720
Facility ID: 9-600715
Owner: BREWER ENVIRONMENTAL INDUSTRIES
Owner Address: 311 B PACIFIC ST
Owner City/State/Zip: HILO, HI 96720 96720
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported
Horizontal Collection Method Name: Not reported
Tank ID: R-1
Date Installed: 01/22/1936
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 557
Substance: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

BREWER CHEM CORP (Continued)

Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelling Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Designation Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPRA Permit Baseline: Not on the Baseline
 2018 GPPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPRA Corrective Action Baseline: No
 Subject to Corrective Action Universe: No
 Corrective Action Workload Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No
 TSDFs Potentially Subject to CA Under 3004 (U)(v) Universe: No
 TSDFs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: No
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: 200402205
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Handler - Owner Operator:
 Owner/Operator indicator: Owner

BREWER CHEM CORP (Continued)

Owner/Operator Name: BREWER CHEMICAL CORPORATION
 Legal Status: Private
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: NOT REQUIRED
 Owner/Operator City/State/Zip: NOT REQUIRED, ME 99999
 Owner/Operator Telephone: 415-555-1212
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: NOT REQUIRED
 Legal Status: Private
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: NOT REQUIRED
 Owner/Operator City/State/Zip: NOT REQUIRED, ME 99999
 Owner/Operator Telephone: 415-555-1212
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Historic Generators:
 Receive Date: 19930804
 Handler Name: BREWER CHEM CORP
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 32552 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING
 NAICS Description:

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

MAP FINDINGS

MAP FINDINGS

CONENS FREIGHT TRANSPORT, INC. (Continued)

RCRA NonGen / NLR

CONENS FREIGHT TRANSPORT, INC.

Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 202 GPRRA Corrective Action Baseline: No
 Subject to Corrective Action Universe: No
 Non-TSDs Where RCRA CA has Been Imposed Universe: No
 TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20100526
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

RCRA NonGen / NLR
 Date Form Received by Agency: 20100517
 Handler Name: CONENS FREIGHT TRANSPORT, INC.
 Handler Address: 60 KUHILO ST
 Hilo, HI 96720
 EPA ID: HIT000139642
 Contact Name: CONEN M NAKAMURA
 Contact Address: 60 KUHILO ST
 Hilo, HI 96720
 Contact City/State/Zip: 808-969-9341
 Contact Telephone: 808-934-0110
 Contact Fax: CONEN@CONENSFREIGHT.COM
 Contact Email: PRESIDENT
 Contact Title: 09
 EPA Region: Private
 Land Type: Not a generator, verified
 Federal Waste Generator Description: Not reported
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 60 KUHILO ST
 Hilo, HI 96720
 Mailing City/State/Zip: CONEN NAKAMURA
 Owner Name: Private
 Owner Type: CONENS FREIGHT TRANSPORT, INC.
 Operator Name: Private
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRRA Permit Baseline: Not on the Baseline
 2018 GPRRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Relative:
 Higher
 Actual:
 7 ft.

Handler - Owner Operator:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 CONENS FREIGHT TRANSPORT, INC.
 Private
 19930301
 Not reported
 60 KUHILO ST
 HILO, HI 96720
 808-969-9341
 Not reported
 Not reported
 Owner
 CONEN NAKAMURA
 Private
 19930301
 Not reported
 60 KUHILO ST
 HILO, HI 96720
 808-969-9341
 Not reported
 Not reported

Operator
 CONENS FREIGHT TRANSPORT, INC.
 Private
 19930301
 Not reported
 60 KUHILO ST
 HILO, HI 96720
 808-969-9341
 Not reported
 Not reported

CONENS FREIGHT TRANSPORT, INC. (Continued)

Historic Generators:
 Receive Date: 20100517
 Handler Name: CONENS FREIGHT TRANSPORT, INC.
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Records: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

CONENS FREIGHT TRANSPORT, INC. (Continued)

List of NAICS Codes and Descriptions:
 NAICS Code: 48411
 NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:
 Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Federal or State Statute
 Date Violation was Determined: 20100324
 Actual Return to Compliance Date: 20101011
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20100324
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported

Letter of Intent to Initiate Enforcement Action
 Found Violation: Yes
 Agency Which Determined Violation: TBRAN
 Violation Short Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported

888 KALANIANA'OLE AVENUE (Continued)

10'143'89675

HI SHWS S108859634

HI SHWS S108859634

HI SHWS S108859634

HI SHWS S108859634

CONEN'S FREIGHT TRANSPORT, INC. (Continued)
 Evaluation Responsible Person Identifier: TBRAN
 Evaluation Responsible Sub-Organization: Not reported
 Actual Return to Compliance Date: 20'10'110
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported
 Evaluation Date: 20'09'0819
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20'10'111
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported
 Evaluation Date: 20'09'0819
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20'10'111
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

888 KALANIANA'OLE AVENUE (Continued)
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Hazard Managed With Controls
 Priority: NFA
 Assessment: Response Not Necessary
 Response Complete: Response Complete
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Soil and groundwater concerns above HDH EALS. TPH-o 1,500 mg/kg and Benzol(a)pyrene 7.3 mg/kg in soil 4.5 ft bgs on the NE corner and Controls Required to Manage Contamination
 Use Restrictions: Engineering Control Required
 Description of Restrictions: Engineering Control Required
 Institutional Control: Government - Hawaii Dept. of Health Letter Issued
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: No Further Action Letter - Restricted Use
 Document Date: 07/24/2017
 Document Number: 2017-225-JP
 Document Subject: No Further Action with Institutional Controls Determination to ADDRESS REMAINING SUB-SURFACE CONTAMINATION ISSUES
 Project Manager: John Peard
 Contact Information: (808) 933-9921 Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
 Facility ID: 1232
 Location Description: 888 Kalaniana'ole Ave
 Is Public: True
 Address: 2020-06-16 09:10:12
 Update On: 19,727'23
 Latitude: -155.052073
 Longitude: -155.052073

888 KALANIANA'OLE AVENUE
 Name: 888 KALANIANA'OLE AVENUE
 Address: 888 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Environmental Interest: Not reported
 Facility Registry Identifier: HEER Office
 Lead Agency: State
 Program: John Peard
 Project Manager: NFA
 Hazard Priority: Hazard Managed With Controls
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: 888 Kalaniana'ole Avenue

888 KALANIANA'OLE AVENUE
 Name: 888 KALANIANA'OLE AVENUE
 Address: 888 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Environmental Interest: Not reported
 Facility Registry Identifier: HEER Office
 Lead Agency: State
 Program: John Peard
 Project Manager: NFA
 Hazard Priority: Hazard Managed With Controls
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: 888 Kalaniana'ole Avenue

888 KALANIANA'OLE AVENUE
 Name: 888 KALANIANA'OLE AVENUE
 Address: 888 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Environmental Interest: Not reported
 Facility Registry Identifier: HEER Office
 Lead Agency: State
 Program: John Peard
 Project Manager: NFA
 Hazard Priority: Hazard Managed With Controls
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: 888 Kalaniana'ole Avenue

888 KALANIANA'OLE AVENUE
 Name: 888 KALANIANA'OLE AVENUE
 Address: 888 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Environmental Interest: Not reported
 Facility Registry Identifier: HEER Office
 Lead Agency: State
 Program: John Peard
 Project Manager: NFA
 Hazard Priority: Hazard Managed With Controls
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: 888 Kalaniana'ole Avenue

C24
ESE
0.015 mi.
80 ft.

Site 13 of 13 in cluster C

Relative: Higher
Actual: 9 ft.

Site 13 of 13 in cluster C

Relative: Higher
Actual: 9 ft.

Relative: Higher
Actual: 9 ft.

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

Map ID
Direction
Distance
Elevation



Map ID
Direction
Distance
Elevation



Site EDR ID Number Database(s) EPA ID Number

Site EDR ID Number Database(s) EPA ID Number

888 KALANIANA'OLE AVENUE (Continued)

\$108859634

ER: No -
Less Or Greater Than: 888 Kalaniana'ole Avenue Heavy oil Release
Activity Type: Response
Activity Lead: Liz Galvez
Assignment End Date: 2007-01-08 00:00:00
Result: SOSC NFA
File Under: State of Hawaii, Department of Land & Natural Resources, Land Division
Substances: Oil
Quantity: Not reported
Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOSC:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Cost Recovery:
Invoice To:
Closed Date:
Comments:
Latitude:
Longitude:

D25 SSE < 1/8 82 ft. Relative: Higher Actual: 8 ft.

BIG ISLAND ASPHALT COMPANY, INC.
794 KALANIANA'OLE AVE
HILO, HI 96720
Site 1 of 4 in cluster D
SHWS: Name: BIG ISLAND ASPHALT COMPANY, INC.
Address: 794 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Not reported
Supplemental Location: Hawaii
Environmental Interest: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Program: VRP
Project Manager: Not reported
Hazard Priority: Not reported
Potential Hazards And Controls: Hawaii
SDAR Environmental Interest Name: Not reported

HI SHWS \$108008463
HIVCP N/A

BIG ISLAND ASPHALT COMPANY, INC. (Continued)

\$108008483

HID Number: Not reported
Facility Registry Identifier: HEER Office
Lead Agency: Not reported
Potential Hazard And Controls: Not reported
Priority: Not reported
Assessment: Not reported
Response: Not reported
Nature of Contamination: Not reported
Nature of Residual Contamination: Not reported
Use Restrictions: Not reported
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Areawide Contamination: Not reported
Site Closure Type: Not reported
Document Date: Not reported
Document Number: Not reported
Project Manager: Not reported
Contact Information: Not reported
Facility ID: 2280
Location Description: 794 Kalaniana'ole Ave
Is Public: True
Update On: 2020-06-16 10:17:54
Latitude: 19.727383
Longitude: -155.052864

VCP: Name: BIG ISLAND ASPHALT COMPANY, INC.
Address: 794 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Program: VRP
Zip Suffix: Not reported
Supplemental Location: Not reported
Island: Hawaii
Facility ID: 2280
Location Description: 794 Kalaniana'ole Ave
Latitude: 19.727383
Longitude: -155.052864

D26 SSE < 1/8 0.016 mi. Relative: Higher Actual: 8 ft.

HAWAIIAN ASPHALT
794 KALANIANA'OLE AVE
HILO, HI 96720
Site 2 of 4 in cluster D
RCRA NonGen / NLR: 20090624
Date Form Received by Agency: HAWAIIAN ASPHALT
Handler Name: 794 KALANIANA'OLE AVE
Handler Address: HILO, HI 96720
Handler City/State/Zip: HILO, HI 96720
EPA ID: HIP000136689
Contact Name: LISA PEARRING
Contact Address: PO BOX 4698
Contact City/State/Zip: HILO, HI 96720
Contact Telephone: 808-860-0926
Contact Fax: Not reported

RCRA NonGen / NLR 1008402607
HIP000136689

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

MAP FINDINGS

EDR ID Number
EPA ID Number

HAWAIIAN ASPHALT (Continued)

1008402607

HAWAIIAN ASPHALT (Continued)

1008402607

Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 4698
Mailing City, State Zip: HILO, HI 96720
Owner Name: HAWAIIAN ASPHALT
Owner Type: Private
Operator Name: HAWAIIAN ASPHALT
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: Not reported
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: Not reported
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: Not reported
Treatment Storage and Disposal Type: Not on the Baseline
2016 GPRR Permit Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRR Corrective Action Baseline: Not reported
Corrective Action Workload Universe: Not reported
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20090624
Recognized Trader-Importer: No
Recycling Activity: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: F002

Waste Description:

THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,2-TRICHLOROETHANE. ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:

Owner/Operator Name:

Legal Status:

Date Became Current:

Owner/Operator Address:

Owner/Operator City, State, Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Email:

Owner/Operator Indicator:

Owner/Operator Name:

Legal Status:

Date Became Current:

Owner/Operator Address:

Owner/Operator City, State, Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Indicator:

Owner/Operator Name:

Owner:
HAWAIIAN ASPHALT

Private

20060101

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Operator

HAWAIIAN ASPHALT

Private

20060101

Not reported

Not reported

Not reported

Not reported

Not reported

Owner

HAWAIIAN ASPHALT

HAWAIIAN ASPHALT (Continued) 1008402607

Legal Status: Private
 Date Became Current: 20050101
 Date Ended Current: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator City/State/Zip: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
 Owner/Operator Name: HAWAIIAN ASPHALT
 Legal Status: Private
 Date Became Current: 20050101
 Date Ended Current: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator City/State/Zip: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20090624
 Handler Name: HAWAIIAN ASPHALT
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20050805
 Handler Name: HAWAIIAN ASPHALT
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions: 324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING
 NAICS Code: ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING
 NAICS Description: ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

Facility Has Received Notices of Violations: No Violations Found
 Violations:

HAWAIIAN ASPHALT (Continued) 1008402607

Evaluation Action Summary: No Evaluations Found
 Evaluations:

D27 PAULEY PETROLEUM
 SSE 794 KALANIANO'OLE AVE
 < 1/8 HILO, HI 96720
 0.016 mi.
 82 ft.
 Relative: Higher
 Actual: 8 ft.

Site 3 of 4 in cluster D
 UST:
 Name: PAULEY PETROLEUM
 Address: 794 KALANIANO'OLE AVE
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-600714
 Owner: PAULEY PETROLEUM
 Owner Address: 10,000 SANTA MONICA BLVD
 Owner City, St, Zip: HILO, 96720 96720
 Latitude: Not reported
 Longitude: Not reported
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Tank ID: R-1
 Date Installed: 04/09/1961
 Tank Status: Permanently Out of Use
 Date Closed: 06/30/1989
 Tank Capacity: 3000
 Substance: Diesel

E28 US CUSTOMS WAREHOUSE
 WSW 29 KUHIU ST.
 < 1/8 HILO, HI 96720
 0.077 mi.
 91 ft.
 Relative: Lower
 Actual: 6 ft.

Site 2 of 2 in cluster B
 RCRA-VSQG: 20100211
 Date Form Received by Agency: US CUSTOMS WAREHOUSE
 Handler Name: 29 KUHIU ST
 Handler Address: HILO, HI 96720
 Handler City/State/Zip: HIR000139543
 EPA ID: DIANA SCHLUMPF
 Contact Name: 300 ALA MOANA BLVD
 Contact Address: HONOLULU, HI 96850
 Contact City/State/Zip: 808-544-3630
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: DIANA.SCHLUMPF@GSA.GOV
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Federal
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities

RCRA-VSQG: 20100211
 Date Form Received by Agency: US CUSTOMS WAREHOUSE
 Handler Name: 29 KUHIU ST
 Handler Address: HILO, HI 96720
 Handler City/State/Zip: HIR000139543
 EPA ID: DIANA SCHLUMPF
 Contact Name: 300 ALA MOANA BLVD
 Contact Address: HONOLULU, HI 96850
 Contact City/State/Zip: 808-544-3630
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: DIANA.SCHLUMPF@GSA.GOV
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Federal
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities

Facility Has Received Notices of Violations: No Violations Found
 Violations:

US CUSTOMS WAREHOUSE (Continued)

1014389631

1014389631

1014389631

1014389631

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1014389631

1014389631

1014389631

State District Owner:	Not reported	Recognized Trader-Importer:	No
State District:	Not reported	Recognized Trader-Exporter:	No
Mailing Address:	300 ALA MOANA BLVD	Importer of Spent Lead Acid Batteries:	No
Mailing City, State Zip:	HONOLULU - HI 96850	Exporter of Spent Lead Acid Batteries:	No
Owner Name:	GENERAL SERVICES ADMINISTRATION	Recycler Activity Without Storage:	No
Owner Type:	Federal	Manifest Broker:	No
Operator Name:	GENERAL SERVICES ADMINISTRATION	Sub-Part P Indicator:	No
Operator Type:	Federal		
Short-Term Generator Activity:	No		
Importer Activity:	No		
Mixed Waste Generator:	No		
Transporter Activity:	No		
Transfer Facility Activity:	No		
Recycler Activity with Storage:	No		
Small Quantity On-Site Burner Exemption:	No		
Smelting Melting and Refining Furnace Exemption:	No		
Underground Injection Control:	No		
Off-Site Waste Receipt:	No		
Universal Waste Indicator:	No		
Universal Waste Designation Facility:	No		
Federal Universal Waste:	No		
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported		
Active Site Converter, Treatment Storage and Disposal Facility:	Not reported		
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported		
Active Site State-Reg Handler:	---		
Federal Facility Indicator:	The land is federally-owned, The site is federally-operated		
Hazardous Secondary Material Indicator:	N		
Sub-Part K Indicator:	Not reported		
Commercial TSD Indicator:	No		
Treatment Storage and Disposal Type:	Not reported		
2018 GPPA Permit Baseline:	Not on the Baseline		
2018 GPPA Renewals Baseline:	Not on the Baseline		
Permit Renewals Workload Universe:	Not reported		
Permit Progress Universe:	Not reported		
Post-Closure Workload Universe:	Not reported		
Closure Workload Universe:	Not reported		
202 GPPA Corrective Action Baseline:	No		
Corrective Action Workload Universe:	No		
Subject to Corrective Action Universe:	No		
Non-TSDs Where RCRA CA has Been Imposed Universe:	No		
TSDs Potentially Subject to CA Under 3004 (u)(v) Universe:	No		
TSDs Only Subject to CA under Discretionary Auth Universe:	No		
Corrective Action Priority Ranking:	No NCAPS ranking		
Environmental Control Indicator:	No		
Institutional Control Indicator:	No		
Human Exposure Controls Indicator:	N/A		
Groundwater Controls Indicator:	N/A		
Operating TSD Universe:	Not reported		
Full Enforcement Universe:	Not reported		
Significant Non-Complier Universe:	No		
Unaddressed Significant Non-Complier Universe:	No		
Addressed Significant Non-Complier Universe:	No		
Significant Non-Complier With a Compliance Schedule Universe:	No		
Financial Assurance Required:	Not reported		
Handler Date of Last Change:	20100211		

US CUSTOMS WAREHOUSE (Continued)
 Facility Has Received Notices of Violations: No Violations Found
 Evaluations: No Evaluations Found

MID PAC PETROLEUM LLC
 607 KALANIANA'OLE AVE
 HILO, HI 96720
Site 1 of 8 in cluster E
 RCRA NonGen / NLR
 Date Form Received by Agency: 20150624
 Handler Address: MID PAC PETROLEUM LLC
 Handler City/State/Zip: HILO, HI 96720
 EPA ID: 20150624
 Contact Name: 607 KALANIANA'OLE AVE
 Contact Address: HILO, HI 96720
 Contact City/State/Zip: JOHN A. GRIMMER
 Contact Telephone: 745 FORT STR
 Contact Fax: HONOLULU, HI 96813
 Contact Email: 808-594-5635
 Contact Title: Not reported
 EPA Region: JGRIMMER@HAWAIIIGAS.COM
 Land Type: Not reported
 Federal Waste Generator Description: Private
 Non-Notifier: Not a generator, verified
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 745 FORT STR
 Mailing City/State/Zip: HONOLULU, HI 96813
 Owner Name: MID PAC PETROLEUM LLC
 Owner Type: Private
 Operator Name: TESORO
 Operator Type: Private
 Short-Term Generator Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelling Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Pre-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

MID PAC PETROLEUM LLC (Continued)
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPRA Permit Baseline: Not on the Baseline
 2018 GPPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSD's Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: No
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20150624
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Exporter of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Hazardous Waste Summary:
 Waste Code: D001
 Waste Description: IGNITABLE WASTE
 Waste Code: D008
 Waste Description: LEAD
 Waste Code: D018
 Waste Description: BENZENE

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: TOSCO REFINING CO
 Legal Status: Private
 Date Became Current: Not reported

Site	Database(s)	EDR ID Number	EPA ID Number
MID PAC PETROLEUM LLC (Continued)		1007092103	1007092103
Date Ended Current:	Not reported		
Owner/Operator Address:	AVON REFINERY MARTINEZ, CA 94553-1487		
Owner/Operator City,State,Zip:	510-370-3220		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:			
Owner/Operator Indicator:	Operator		
Owner/Operator Name:	NOT REQUIRED		
Legal Status:	Private		
Date Became Current:	Not reported		
Date Ended Current:	NOT REQUIRED		
Owner/Operator Address:	NOT REQUIRED, ME 99999		
Owner/Operator City,State,Zip:	415-555-1212		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:			
Owner/Operator Indicator:	PO		
Owner/Operator Name:	TOSCO REFINING CO		
Legal Status:	Private		
Date Became Current:	20020830		
Date Ended Current:	20020830		
Owner/Operator Address:	AVON REFINERY		
Owner/Operator City,State,Zip:	MARTINEZ, CA 94553-1487		
Owner/Operator Telephone:	510-370-3220		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Operator		
Owner/Operator Name:	TESORO		
Legal Status:	Private		
Date Became Current:	20040901		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Owner		
Owner/Operator Name:	CONOCOPHILLIPS COMPANY		
Legal Status:	Private		
Date Became Current:	20020901		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Owner		
Legal Status:	Private		
Date Became Current:	20150624		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		

Site	Database(s)	EDR ID Number	EPA ID Number
MID PAC PETROLEUM LLC (Continued)		1007092103	1007092103
Owner/Operator Name:	MID PAC PETROLEUM LLC		
Legal Status:	Private		
Date Became Current:	20040901		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Operator		
Owner/Operator Name:	TESORO PETROLEUM		
Legal Status:	Private		
Date Became Current:	20000101		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Operator		
Owner/Operator Name:	TESORO		
Legal Status:	Private		
Date Became Current:	20040901		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Owner/Operator Indicator:	Owner		
Owner/Operator Name:	MID PAC PETROLEUM LLC		
Legal Status:	Private		
Date Became Current:	20040901		
Date Ended Current:	Not reported		
Owner/Operator Address:	Not reported		
Owner/Operator City,State,Zip:	Not reported		
Owner/Operator Telephone:	Not reported		
Owner/Operator Telephone Ext:	Not reported		
Owner/Operator Fax:	Not reported		
Owner/Operator Email:	Not reported		
Historic Generators:			
Receive Date:	20150624		
Handler Name:	MID PAC PETROLEUM LLC		
Federal Waste Generator Description:	Not a generator, verified		
State District Owner:	Not reported		
Large Quantity Handler of Universal Waste:	No		
Recognized Trader Importer:	No		
Recognized Trader Exporter:	No		
Spent Lead Acid Battery Importer:	No		
Spent Lead Acid Battery Exporter:	No		



Map ID
Direction
Distance
Elevation

Map ID
Direction
Distance
Elevation

Map ID
Direction
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Elevation

Site

Site

Site

Site

Site

Site

Site

Site

Site

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

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EPA ID Number

EDR ID Number
EPA ID Number

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

MID PAC PETROLEUM LLC (Continued)

1007092103

1007092103

1007092103

1007092103

1007092103

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported
Receive Date: 20020503
Handler Name: TOSCO HILO TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030115
Handler Name: CONOCOPHILLIPS HILO TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20041005
Handler Name: MID PAC PETROLEUM LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19981014
Handler Name: TOSCO HILO TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

NAICS Codes and Descriptions:
42271 PETROLEUM BULK STATIONS AND TERMINALS
42272 PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)
42471 PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violations: No Violations Found
Evaluation Action Summary: No Evaluations Found

MID PAC PETROLEUM LLC (Continued)

1021390155

1021390155

1021390155

1021390155

1021390155

Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported
Receive Date: 20041005
Handler Name: MID PAC PETROLEUM LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1987
Handler Name: UNOCAL CORP
Federal Waste Generator Description: Petroleum Products, NEC
State District Owner: HILO, HI 96720
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Not reported
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Relative: Lower
Actual: 6 ft

Relative: Lower
Actual: 6 ft

Relative: Lower
Actual: 6 ft

Relative: Lower
Actual: 6 ft

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Name: UNOCAL CORP
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Heeia Kea Boat Harbor Pier
Environmental Interest: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Program: State
Project Manager: Richard Palmer
Hazard Priority: NEA
Potential Hazards And Controls: Hazard Undetermined
Island: Hawaii
SDAR Environmental Interest Name: HILO BULK TERMINAL 0276 MINOR OIL SPILLS
HID Number: Not reported
Facility Registry Identifier: 110006645924
Lead Agency: HEER Office
Potential Hazard And Controls: Hazard Undetermined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337231

Priority: NFA
Assessment: Response Necessary
Response: Response Complete
Nature of Contamination: Not reported
Nature of Residual Contamination: Release resolved below HDQH EALs in soil. Contamination at the remainder of site is unknown.
Use Restrictions: Undetermined
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Areawide Contamination: Hilo Harbor
Site Closure Type: No Further Action Letter - Unrestricted Residential Use
Document Date: 08/18/2008
Document Number: 2008-541-RP
Document Subject: No Further Action determination for Release Report 19971110-0001
Project Manager: Richard Palmer
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Facility ID: 545
Location Description: 607 Kalamianaole Ave
Is Public: True
Update On: 2020-01-10 17:41:20
Latitude: 19.727026
Longitude: -155.055649

SPILLS:

Name: TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN/AOLE
Address: 607 KALAMIAN/AOLE AVE
Address 2: Not reported
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Heeia Kea Boat Harbor Pier
Case Number: 20110202-0730
Facility Registry ID: 110006645924
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: Not reported
Activity Type: Tesoro Hilo Terminal No.3 unknown oil release
Activity Lead: Response
Assignment End Date: 2011-02-17 00:00:00
File Under: Refer to SDAR
Substances: Oil
Quantity: 0
Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337231

Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.726894999999999
Longitude: -155.055624999999999
Name: TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN/AOLE
Address: 607 KALAMIAN/AOLE AVE
Address 2: Not reported
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Heeia Kea Boat Harbor Pier
Case Number: 20110202-0730
Facility Registry ID: 110006645924
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: Not reported
Activity Type: Tesoro Hilo Terminal No.3 unknown oil release
Activity Lead: Response
Assignment End Date: 2011-02-17 00:00:00
File Under: Refer to SDAR
Substances: Oil
Quantity: 0
Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10003372331

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE (Continued)

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10003372331

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE (Continued)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10003372331

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE (Continued)

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10003372331

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE (Continued)

Latitude:	-19.727312000000001
Longitude:	-155.055719000000001
Name:	TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE
Address 2:	607 KALANIAN'AOLE AVE
City/State/Zip:	Hilo, HI 96720
Island:	Hawaii
Supplemental Loc. Text:	Heeia Kea Boat Harbor Pier
Case Number:	20110202-0730
Facility Registry ID:	110006645924
HID Number:	Not reported
Lead and Program:	HEER EP&R
ER:	None
Less Or Greater Than:	Not reported
Activity Type:	Tesoro Hilo Terminal No.3 unknown oil release
Activity Lead:	Liz Galvez
Assignment End Date:	2011-02-17 00:00:00
Result:	Refer to SDAR
File Under:	Tesoro Hawaii Corporation
Substances:	Oil
Quantity:	0
Units:	Unknown
Reported Date:	Not reported
Release Date:	Not reported
Release Duration:	Not reported
Media:	Not reported
Waterbody:	Not reported
Summary:	Not reported
Is Noteworthy for Reports:	Not reported
Is the Release a Fugitive Dumping:	Not reported
Tax Map Key:	Not reported
Assigned SOSQ:	Not reported
Notified Agencies:	Not reported
Response Measures Taken:	Not reported
Incident Report Number:	Not reported
Coordination Needed:	Not reported
Tier II Facility:	Not reported
RMP:	Not reported
Follow-up Received On:	Not reported
Cost Recovery:	Not reported
Invoice To:	Not reported
Closed Date:	Not reported
Comments:	19.669319999999999
Latitude:	-155.307075
Longitude:	-155.307075
Name:	TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIAN'AOLE
Address 2:	607 KALANIAN'AOLE AVE
City/State/Zip:	Hilo, HI 96720
Island:	Hawaii
Supplemental Loc. Text:	Heeia Kea Boat Harbor Pier
Case Number:	20030508-0939
Facility Registry ID:	110006645924

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337331

Quantity: 2100
Units: Gallons
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOSC:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Cost Recovery:
Invoice To:
Closed Date:
Comments:
Latitude:
Longitude:
-155.05624999999999

Name:
Address:
Address 2:
City/State/Zip:
Hawaii
HILO, HI 96720
Island:
Supplemental Loc. Text:
Heeia Kea Boat Harbor Pier
Case Number:
20030508-0939
Facility Registry ID:
110006645924
HID Number:
Not reported
Lead and Program:
HEER EP&R
ER:
Not reported
Units:
Drill
Activity Type:
Activity Lead:
Assignment End Date:
2003-05-08 00:00:00
Result:
File Under:
Tesoro Hawaii Corporation
Substances:
OIL, FUEL NO. 2-D
Quantity:
2100
Units:
Gallons
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOSC:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Cost Recovery:
Invoice To:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337331

Tax Map Key:
Not reported
Assigned SOSC:
Not reported
Notified Agencies:
Not reported
Response Measures Taken:
Not reported
Incident Report Number:
Not reported
Coordination Needed:
Not reported
Tier II Facility:
Not reported
RMP:
Follow-up Received On:
Not reported
Cost Recovery:
Not reported
Invoice To:
Not reported
Closed Date:
Not reported
Comments:
Latitude:
Longitude:
-155.307075

Name:
Address:
Address 2:
City/State/Zip:
Hawaii
HILO, HI 96720
Island:
Supplemental Loc. Text:
Heeia Kea Boat Harbor Pier
Case Number:
19991029-1545
Facility Registry ID:
110006645924
HID Number:
Not reported
Lead and Program:
HEER EP&R
ER:
No
Units:
Not reported
Activity Type:
Response:
Activity Lead:
Terry Corcus
Assignment End Date:
Not reported
Result:
SOSC NFA
File Under:
Tesoro Hawaii Corporation
Substances:
Diesel Fuel #1
Quantity:
25
Units:
Gallons
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOSC:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Cost Recovery:
Invoice To:

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALANIANAOLE (Continued)

1000337231

1000337231

1000337231

1000337231

1000337231

1000337231

1000337231

1000337231

1000337231

1000337231

Case Number: 19991029-1545
 Facility Registry ID: 110006645924
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: No
 Less Or Greater Than: Not reported
 Units: Spill Fuel 1-D, Crack Line
 Activity Type: Response
 Activity Lead: Terry Corpus
 Assignment End Date: Not reported
 Result: SOSC NFA
 File Under: Tesoro Hawaii Corporation
 Substances: Diesel Fuel #1
 Quantity: 25
 Units: Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: 19.727312000000001
 Latitude: -195.05871900000001
 Longitude: Not reported

Name: TESORO TERMINAL 607 KALANIANAOLE
 Address: 607 KALANIANAOLE AVE
 Address 2: Not reported
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Terminal 607 Kalamianable Avenue
 Case Number: 19971110-0001
 Facility Registry ID: 110006645924
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: No
 Less Or Greater Than: Not reported
 Units: Hilo Bulk Terminal #0276 Minor Oil Spills
 Activity Type: Response
 Activity Lead: Charley Langer
 Assignment End Date: Not reported
 Result: Refer to ISST

Case Number: Not reported
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: Not reported
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: Not reported
 File Under: Not reported
 Substances: Not reported
 Quantity: Not reported
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: Not reported
 Address: Not reported
 Address 2: Not reported
 City/State/Zip: Not reported
 Island: Not reported
 Supplemental Loc. Text: Not reported
 Case Number: Not reported
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: Not reported
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: Not reported
 File Under: Not reported
 Substances: Not reported
 Quantity: Not reported
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: Not reported
 Address: Not reported
 Address 2: Not reported
 City/State/Zip: Not reported
 Island: Not reported
 Supplemental Loc. Text: Not reported

Case Number: Not reported
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: Not reported
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: Not reported
 File Under: Not reported
 Substances: Not reported
 Quantity: Not reported
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported

Name: Not reported
 Address: Not reported
 Address 2: Not reported
 City/State/Zip: Not reported
 Island: Not reported
 Supplemental Loc. Text: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EPA ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site
Database(s)
EPA ID Number
EPA ID Number

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337331

TESORO HAWAII CORPORATION TERMINAL DEPARTMENT - 607 KALAMIAN (Continued)

1000337331

File Under: Tesoro Hawaii Corporation

Substances: Oil & Diesel Mix

Quantity: 20

Units: Gallons

Reported Date: Not reported

Release Date: Not reported

Release Duration: Not reported

Media: Not reported

Waterbody: Not reported

Summary: Not reported

Is Noteworthy for Reports: Not reported

Is the Release a Fugitive Dumping: Not reported

Tax Map Key: Not reported

Assigned SOS: Not reported

Notified Agencies: Not reported

Response Measures Taken: Not reported

Incident Report Number: Not reported

Coordination Needed: Not reported

Tier II Facility: Not reported

RMP: Not reported

Follow-up Received On: Not reported

Cost Recovery: Not reported

Invoice To: Not reported

Closed Date: Not reported

Comments: Not reported

Latitude: Not reported

Longitude: Not reported

Name: HIE ETHANOL SPILL HILO TERMINAL

Address: 607 KALANIANA'OLE AVE

City/State/Zip: HILO, HI 96720

Island: Hawaii

Supplemental Loc. Text: Not reported

Case Number: 20141027-1005

Facility Registry ID: Not reported

HID Number: Not reported

ER: HEER EP&R

Units: None

Less Or Greater Than: Not reported

Activity Type: HIE ethanol spill Hilo terminal

Activity Lead: Response

Assignment End Date: TKC

Result: Not reported

File Under: SOSC NFA

Substances: Not reported

Quantity: Ethanol oil mixture

Units: 25

Reported Date: Gallons

Release Date: Not reported

Release Duration: Not reported

Media: Not reported

Waterbody: Not reported

Summary: Not reported

Is Noteworthy for Reports: Not reported

Is the Release a Fugitive Dumping: Not reported

Tax Map Key: Not reported

Assigned SOS: Not reported

Notified Agencies: Not reported

Response Measures Taken: Not reported

Incident Report Number: Not reported

Coordination Needed: Not reported

Tier II Facility: Not reported

RMP: Not reported

Follow-up Received On: Not reported

Cost Recovery: Not reported

Invoice To: Not reported

Closed Date: Not reported

Comments: Not reported

Latitude: Not reported

Longitude: Not reported

Name: PAR HILO TERMINAL

Address: 607 KALANIANA'OLE AVE

City/State/Zip: HILO, HI 96720

Island: Hawaii

Supplemental Location: Not reported

Environmental Interest: Not reported

HID Number: Not reported

Facility Registry Identifier: Not reported

Lead Agency: HEER Office

Program: State

Project Manager: Not reported

Hazard Priority: Not reported

Potential Hazards And Controls: Not reported

Island: Hawaii

SDAR Environmental Interest Name: Not reported

HID Number: Not reported

Facility Registry Identifier: Not reported

Lead Agency: HEER Office

Potential Hazard And Controls: Not reported

Priority: Not reported

Assessment: Not reported

Response: Not reported

Nature of Contamination: Not reported

Nature of Residual Contamination: Not reported

Use Restrictions: Not reported

Engineering Control: Not reported

Description of Restrictions: Not reported

Institutional Control: Not reported

Within Designated Area-wide Contamination: Not reported

Site Closure Type: Not reported

Click this hyperlink while viewing on your computer to access 4 additional HI SPILLS record(s) in the EDR Site Report.

HI SHWS
S121406268
N/A

E32
WSW
< 1/8
0.017 mi.
92 ft.
Site 4 of 8 in cluster E

Relative:
Lower
Actual:
6 ft.

SHWS:
Name: PAR HILO TERMINAL
Address: 607 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Location: Not reported
Environmental Interest: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Program: State
Project Manager: Not reported
Hazard Priority: Not reported
Potential Hazards And Controls: Not reported
Island: Hawaii
SDAR Environmental Interest Name: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Potential Hazard And Controls: Not reported
Priority: Not reported
Assessment: Not reported
Response: Not reported
Nature of Contamination: Not reported
Nature of Residual Contamination: Not reported
Use Restrictions: Not reported
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Area-wide Contamination: Not reported
Site Closure Type: Not reported

PAR HILO TERMINAL (Continued)
 Document Date: Not reported
 Document Number: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 60
 Location Description: 607 Kalaianaoale Ave, Hilo, HI 96720
 Is Public: True
 Update On: 2021-11-16 16:52:04
 Latitude: 19.727462
 Longitude: -155.055734

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL
 HIR000065367
 RCRA-VSQG
 1001960372

Relative: Lower
 Actual: 6 ft.
 Date Form Received by Agency: 20190131
 Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL
 Handler Address: 607 KALANIANA'OLE AVE
 Handler City/State/Zip: HILO, HI 96720
 EPA ID: HIR000065367
 Contact Name: PATRICK IONA
 Contact Address: BISHOP STREET
 Contact City/State/Zip: HONOLULU, HI 96813
 Contact Telephone: 808-547-3964
 Contact Fax: Not reported
 Contact Email: PIONA@PARPACIFIC.COM
 Contact Title: EH&S MANAGER
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: KALANIANA'OLE AVE
 Mailing Address: KALANIANA'OLE AVE
 Mailing City/State/Zip: HILO, HI 96720
 Owner Name: MID PAC PETROLEUM, LLC
 Owner Type: Private
 Operator Name: PAR HAWAII REFINING, LLC
 Operator Type: Private
 Short-Term Generator Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting/Refining and Refining Furnace Exemption: No
 Underground Injection Control: No
 Oil-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued)
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPRA Permit Baseline: Not on the Baseline
 2018 GPPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Post-Closure Action Baseline: Not reported
 202 GPPRA Corrective Action Universe: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)(v) Universe: No
 TSD's Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: Not reported
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20190131
 Recognized Trader-Importer: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Biennial: List of Years 2013
 Year: 2013
 Click Here for Biennial Reporting System Data:
 Hazardous Waste Summary: D000
 Waste Code: Not Defined
 Waste Description: D001
 Waste Code: IGNITABLE WASTE
 Waste Description:

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Operator
PAR HAWAII REFINING, LLC
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Operator
PAR HAWAII REFINING, LLC
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
MID PAC PETROLEUM, LLC
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
TESORO HAWAII CORP
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Legal Status: Private
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 3379
HONOLULU, HI 96842
Owner/Operator City,State,Zip: 808-547-3111
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
PAR PETROLEUM CORPORATION
Private
Not reported
Not reported
20130925
800 GESSNER ROAD
HOUSTON, TX 77024
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Operator
PAR PETROLEUM CORPORATION
Private
Not reported
Not reported
20130925
800 GESSNER ROAD
HOUSTON, TX 77024
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
MID PAC PETROLEUM, LLC
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
MID PAC PETROLEUM, LLC
Private
Not reported
Not reported
1132 BISHOP ST
HONOLULU, HI 96813
281-899-4847
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued)

Historic Generators:

Receive Date: 20140429

Handler Name: HAWAII INDEPENDENT ENERGY, LLC

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Spent Lead Acid Battery Importer: No

Current Record: No

Non Storage Recycler Activity: Not reported

Electronic Manifest Broker: Not reported

Receive Date: 20180116

Handler Name: HAWAII INDEPENDENT ENERGY, LLC

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Spent Lead Acid Battery Importer: No

Current Record: No

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

Receive Date: 20000128

Handler Name: TESORO HAWAII HILO TERM NO 3

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Spent Lead Acid Battery Importer: No

Current Record: No

Non Storage Recycler Activity: Not reported

Electronic Manifest Broker: Not reported

Receive Date: 20190103

Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Spent Lead Acid Battery Importer: No

Current Record: No

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

Receive Date: 20190131

Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

State District Owner: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued)

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Spent Lead Acid Battery Importer: No

Current Record: No

Non Storage Recycler Activity: Yes

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions: 42471 PETROLEUM BULK STATIONS AND TERMINALS

NAICS Code: 42471

NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:

Found Violation: Yes

Agency Which Determined Violation: State

Violation Short Description: Generators - General

Date Violation was Determined: 20110711

Return to Compliance Date: 20110818

Violation Responsible Agency: Documented

Scheduled Compliance Date: State

Enforcement Identifier: Not reported

Date of Enforcement Action: 001

Enforcement Responsible Agency: 20110711

Enforcement Docket Number: State

Corrective Action Component: Not reported

Appeal Initiated Date: No

Disposition Status Date: Not reported

Disposition Status: Not reported

Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported

Enforcement Type: WRITTEN INFORMAL

Enforcement Responsible Sub-Organization: TBRAN

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported

SEP Actual Date: Not reported

SEP Delauleed Date: Not reported

SEP Type: Not reported

Proposed Amount: Not reported

Final Monetary Amount: Not reported

Paid Amount: Not reported

Final Amount: Not reported

Found Violation: Yes

Agency Which Determined Violation: State

Violation Short Description: Generators - Manifest

Date Violation was Determined: 20110711

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Return to Compliance Date: 20110818
 Violation Responsible Agency: Documented
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110711
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: TBRAN
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Return to Compliance Date: 20110818
 Violation Responsible Agency: Documented
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110711
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: TBRAN
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 3 TERMINAL (Continued) 1001960372

Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)

EDR ID Number
EPA ID Number

D34
SSW
< 1/8
0.035 mi.
183 ft.
Higher
Actual:
10 ft.

RCRA-VSQG
1008880428
HR000137067

WHITE CAP, LTD (WC0402)
(Continued)

1008880428

WHITE CAP, LTD (WC0402)
750 KALANIANOLE AVE
HILO, HI 96720

RCRA-VSQG
1008880428
HR000137067

WHITE CAP, LTD (WC0402)
(Continued)

Site 4 of 4 in cluster D

20210311

Permit Workload Universe: Not reported

Date Form Received by Agency: WHITE CAP, LTD (WC0402)

20210311

Post-Closure Workload Universe: Not reported

Handler Name: WHITE CAP, LTD (WC0402)

20210311

202 GPRA Corrective Action Baseline: No

Handler City/State/Zip: HIR000137067

20210311

Corrective Action Workload Universe: No

EPA ID: HIR000137067

20210311

Subject to Corrective Action Universe: No

Contact Name: BROOK HOLLOW PARKWAY

20210311

Non-TSDFs Where RCRA CA has Been Imposed Universe: No

Contact Address: BROOK HOLLOW PARKWAY

20210311

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No

Contact City/State/Zip: NORCROSS, GA 30071

20210311

TSDFs Only Subject to CA under Discretionary Auth Universe: No

Contact Telephone: 770-280-1616

20210311

Corrective Action Priority Ranking: No

Contact Fax: Not reported

20210311

Environmental Control Indicator: No

Contact Email: KYLE.PETRIE@WHITECAP.COM

20210311

Institutional Control Indicator: No

Contact Title: EHS MANAGER

20210311

Human Exposure Controls Indicator: No

EPA Region: 09

20210311

Groundwater Controls Indicator: N/A

Land Type: Private

20210311

Operating TSDF Universe: Not reported

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

20210311

Full Enforcement Universe: Not reported

Non-Notifier: Not reported

20210311

Significant Non-Complier Universe: No

Biennial Report Cycle: Not reported

20210311

Unaddressed Significant Non-Complier Universe: No

Active Site Indicator: Not reported

20210311

Financial Assurance Required: No

State District Owner: Not reported

20210311

Handler Date of Last Change: 20210311

State District: Not reported

20210311

Recognized Trader-Importer: No

Mailing Address: BROOK HOLLOW PARKWAY

20210311

Importer of Spent Lead Acid Batteries: No

Owner Name: LNW HILO, INC.

20210311

Recognized Trader-Exporter: No

Operator Name: WHITE CAP, LTD.

20210311

Importer of Spent Lead Acid Batteries: No

Operator Type: Private

20210311

Recycler Activity Without Storage: No

Short-Term Generator Activity: No

20210311

Manifest Broker: No

Importer Activity: No

20210311

Sub-Part P Indicator: No

Mixed Waste Generator: No

20210311

Hazardous Waste Summary: D001

Transfer Facility Activity: No

20210311

Waste Code: D001

Recycler Activity with Storage: No

20210311

Waste Description: IGNITABLE WASTE

Small Quantity On-Site Burner Exemption: No

20210311

Waste Code: D002

Smelting Melting and Refining Furnace Exemption: No

20210311

Waste Description: CORROSIVE WASTE

Underground Injection Control: No

20210311

Waste Code: D008

Off-Site Waste Receipt: No

20210311

Waste Description: LEAD

Universal Waste Indicator: No

20210311

Waste Code: D009

Federal Universal Waste Destination Facility: No

20210311

Waste Description: MERCURY

Active Site Fed-Reg Treatment Storage and Disposal Facility: No

20210311

Waste Code: D016

Active Site Converter Treatment Storage and Disposal Facility: No

20210311

Waste Description: 2,4-D (2,4-DICHLOROPHENOXACETIC ACID)

Active Site State-Reg Treatment Storage and Disposal Facility: No

20210311

Waste Code: D018

Active Site State-Reg Handler: No

20210311

Waste Description: BENZENE

Federal Facility Indicator: No

20210311

Waste Code: D035

Hazardous Secondary Material Indicator: No

20210311

Waste Description: METHYL ETHYL KETONE

Sub-Part K Indicator: No

20210311

Waste Code: Not reported

Commercial TSD Indicator: No

20210311

Waste Description: Not reported

Treatment Storage and Disposal Type: Not reported

20210311

Waste Description: Not reported

2018 GPRA Permit Baseline: Not on the Baseline

20210311

Waste Description: Not reported

2018 GPRA Renewals Baseline: Not on the Baseline

20210311

Waste Description: Not reported

Permit Renewals Workload Universe: Not reported

20210311

Waste Description: Not reported

Handler - Owner Operator: Owner

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITE CAP, LTD (WC0402) (Continued)

1008580428

WHITE CAP, LTD (WC0402) (Continued)

1008580428

Owner/Operator Name: KAIKOO CORPORATION
Legal Status: Private
Date Became Current: 20060630
Owner/Operator Address: 1112 KINAU ST
HONOLULU, HI 96816
Owner/Operator City, State, Zip: HONOLULU, HI 96816
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WHITE CAP CONST SUPPLY DBA WHITE CAP
Legal Status: Private
Date Became Current: 20060815
Owner/Operator Address: 2455 PACES FERRY RD
ATLANTA, GA 30339
Owner/Operator City, State, Zip: ATLANTA, GA 30339
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HD SUPPLY CONSTRUCTION SUPPLY, LTD
Legal Status: Private
Date Became Current: 20070831
Owner/Operator Address: Not reported
Owner/Operator City, State, Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LNW HILLO, INC.
Legal Status: Private
Date Became Current: Not reported
Owner/Operator Address: 3600 WAIALAE AVE
HONOLULU, HI 96816
Owner/Operator City, State, Zip: HONOLULU, HI 96816
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SHINHAM1483@HAWAII.LRR.COM

Owner/Operator Indicator: Owner/Operator
Owner/Operator Name: KAIKOO CORPORATION
Legal Status: Private
Date Became Current: 20060630
Date Ended Current: 1112 KINAU ST
Owner/Operator Address: HONOLULU, HI 96816
Owner/Operator City, State, Zip: HONOLULU, HI 96816
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported
Owner/Operator Indicator: Operator
Owner/Operator Name: WHITE CAP CONST SUPPLY DBA WHITE CAP
Legal Status: Private
Date Became Current: 20060815
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City, State, Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HD SUPPLY CONSTRUCTION SUPPLY, LTD
Legal Status: Private
Date Became Current: 20070831
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City, State, Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WHITE CAP, LTD.
Legal Status: Private
Date Became Current: 20201019
Date Ended Current: Not reported
Owner/Operator Address: 6250 BROOK HOLLOW PARKWAY
NORCROSS, GA 30071
Owner/Operator City, State, Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20050921
Handler Name: WHITE CAP CONST SUP DBA WIRE PRODUCTS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Exporter: No
Spent Lead Acid Battery Importer: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: Not reported

Receive Date: 20060209
Handler Name: HD SUPPLY CONSTRUCTION SUPPLY, LTD (WC0402)
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITE CAP, LTD (WC0402) (Continued)

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported
Receive Date: 20110222
Handler Name: HD SUPPLY CONSTRUCTION SUPPLY, LTD (WC0402)
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210311
Handler Name: WHITE CAP, LTD (WC0402)
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 42371
NAICS Description: HARDWARE MERCHANT WHOLESALERS
NAICS Code: 44419
NAICS Description: OTHER BUILDING MATERIAL DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found
Evaluations Found: No Evaluations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FEDERAL EXPRESS CORP ITO

500 KALANIANA'OLE ST
HILO, HI 96720
Site 11 of 15 in cluster A
RCRA NonGen / NLR:
Date Form Received by Agency: 20210811
Handler Name: FEDERAL EXPRESS CORP ITO
Handler Address: 500 KALANIANA'OLE ST
EPA ID: HILO, HI 96720
Contact Name: BILL GEBHART
Contact Address: HACKS CROSS ROAD
Contact City/State/Zip: MEMPHIS, TN 38125
Contact Telephone: 901-434-8343
Contact Fax: Not reported
Contact Email: WAGEBHART@FEDEX.COM
Contact Title: MANAGER EOS
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: KALANIANA'OLE ST
Mailing City/State/Zip: HILO, HI 96720
Owner Name: FEDERAL EXPRESS CORPORATION
Operator Name: Private
Operator Type: Not reported
Short-Term Generator Activity: Not reported
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRM Permit Baseline: Not on the Baseline
2018 GPRM Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

RCRA NonGen / NLR

FINDS
ECHO
1004688887
HID984467829

FEDERAL EXPRESS CORP ITO (Continued) 100468887 100468887

Permit/Workload Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPRRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has been imposed Universe: No
 TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDFs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSDF Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: 20210812
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Historic Generators:
 Receive Date: 20210811
 Handler Name: FEDERAL EXPRESS CORP ITO
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No
 Receive Date: 19920217
 Handler Name: FEDERAL EXPRESS CORP ITO
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions: 49211 COURIERS AND EXPRESS DELIVERY SERVICES
 NAICS Code:
 NAICS Description:

Facility Has Received Notices of Violations: No Violations Found
 Violations:
 Evaluation Action Summary: No Evaluations Found
 Evaluations:

FINDS:
 Registry ID: 11000572794
 Click Here:

Environmental Interest/Information System:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER
 Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FEDERAL EXPRESS CORP ITO (Continued) **1004688887**

ECHO: 1004688887
 Registry ID: 110005727794
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005727794>
 Name: FEDERAL EXPRESS CORP ITO
 Address: 500 KALANIANA'OLE ST
 City/State/Zip: HILO, HI 96720

THEO H. DAVIES **HI UST** **U001238978**
500 KALANIANA'OLE AVE
HILO, HI 96720

Site 12 of 15 in cluster A

UST:
 Name: THEO H. DAVIES
 Address: 500 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-600730
 Owner: K. TANIGUCHI, LTD
 Owner Address: 50 E. PUAINAKO ST
 City/State/Zip: HILO, HI 96720
 Latitude: Not reported
 Longitude: Not reported
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Site 12 of 15 in cluster A

Relative: Higher
 Actual: 9 ft.

Site 13 of 15 in cluster A

Relative: Higher
 Actual: 9 ft.

THEO H. DAVIES **RCRA NonGen / NLR** **1001231944**
500 KALANIANA'OLE AVE
HILO, HI 96720

Site 13 of 15 in cluster A

RCRA NonGen / NLR: 20150728
 Date Form Received by Agency: CONENS FREIGHT TRANSPORT INC
 Handler Name: 500 KALANIANA'OLE AVE UNIT C
 Handler Address: HILO, HI 96720

CONENS FREIGHT TRANSPORT INC **RCRA NonGen / NLR** **1001231944**
500 KALANIANA'OLE AVE UNIT C
HILO, HI 96720

Site 13 of 15 in cluster A

Relative: Higher
 Actual: 9 ft.

CONENS FREIGHT TRANSPORT INC (Continued) **1001231944**

EPA ID: HIR000046029
 Contact Name: CONEN NAKAMURA
 Contact Address: 500 KALANIANA'OLE AVE UNIT C
 City/State/Zip: HILO, HI 96720
 Contact Telephone: 808-969-9341
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 500 KALANIANA'OLE AVE UNIT C
 Mailing City/State/Zip: HILO, HI 96720
 Owner Name: CONENS FREIGHT TRANSPORT INC
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: Not reported
 Federal Facility Indicator: ---
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRR Permit Baseline: Not on the Baseline
 2018 GPRR Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 2018 GPRR Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No

CONENS FREIGHT TRANSPORT INC (Continued) 1001231944 1001231944

TSDFs Only Subject to CA under Discretionary Auth Universe: No No NCAPS ranking
 Corrective Action Priority Ranking: No
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: Not reported
 Operating TSDF Universe: Not reported
 Full Enforcement Universe: No
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: 20150728
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: CONENS FREIGHT TRANSPORT INC
 Legal Status: Private
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 500 KALAMIANAOLE AVE UNIT C
 Owner/Operator City,State,Zip: HILO, HI 96720
 Owner/Operator Telephone: 808-969-9341
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
 Owner/Operator Name: CONENS FREIGHT TRANSPORT INC
 Legal Status: Private
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 500 KALAMIANAOLE AVE UNIT C
 Owner/Operator City,State,Zip: HILO, HI 96720
 Owner/Operator Telephone: 808-969-9341
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20150728
 Handler Name: CONENS FREIGHT TRANSPORT INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No

CONENS FREIGHT TRANSPORT INC (Continued)

1001231944

1001231944

20020207
State

Yes

COMPLIANCE EVALUATION INSPECTION ON-SITE

Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Generators
 Date Violation was Determined: 20020705
 Actual Return to Compliance Date: 20021001
 Return to Compliance Qualifier: Observed
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20020705
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Depleted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Amount: Not reported

Evaluation Date: 20020207
 Found Violation: Yes
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Actual Return to Compliance Date: 20021001
 Scheduled Compliance Date: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

ENVIRONMENTAL INTERESTS/INFORMATION SYSTEM:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER

Click Here:
http://ibis.beyondlink.com/viewing_on_your_computer_to_access_additional_FINDS_detail_in_the_EDR_Site_Report

ECHO:
 Envid: 1001231944
 Registry ID: 110009360315
 DFR URL: http://echo.epa.gov/detailed-facility-report?Id=110009360315
 Name: CONENS FREIGHT TRANSPORT INC
 Address: 500 KALANI/AOLE AVE UNIT C
 City/State/Zip: HILO, HI 96720

CONENS FREIGHT TRANSPORT INC (Continued)

1001231944

1001231944

20020207
State

Yes

COMPLIANCE EVALUATION INSPECTION ON-SITE

Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Generators
 Date Violation was Determined: 20020705
 Actual Return to Compliance Date: 20021001
 Return to Compliance Qualifier: Observed
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20020705
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Depleted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Amount: Not reported

Evaluation Date: 20020207
 Found Violation: Yes
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Actual Return to Compliance Date: 20021001
 Scheduled Compliance Date: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

ENVIRONMENTAL INTERESTS/INFORMATION SYSTEM:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER

Click Here:
http://ibis.beyondlink.com/viewing_on_your_computer_to_access_additional_FINDS_detail_in_the_EDR_Site_Report

ECHO:
 Envid: 1001231944
 Registry ID: 110009360315
 DFR URL: http://echo.epa.gov/detailed-facility-report?Id=110009360315
 Name: CONENS FREIGHT TRANSPORT INC
 Address: 500 KALANI/AOLE AVE UNIT C
 City/State/Zip: HILO, HI 96720

BIG ISLAND NISSAN

471 KALANI/AOLE AVE
HILO, HI 96720

202 ft.

Relative: Higher
 Actual: 7 ft.

UST:
 Name: BIG ISLAND NISSAN
 Address: 471 KALANI/AOLE ST
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-601326
 Owner: I. KITAGAWA & COMPANY, LTD.
 Owner Address: 400 KAWILI ST
 Owner City, St, Zip: HILO, 96720 96720
 Latitude: Not reported
 Longitude: Not reported
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Site 14 of 15 in cluster A

Site 14 of 15 in cluster A

RCRA NonGen / NLR
FINDS
ECHO

HI UST
1000'20239
HID1:32239025

Site	Database(s)	EDR ID Number	EPA ID Number
BIG ISLAND NISSAN (Continued)		1000120239	1000120239
Tank ID: R-1			
Date Installed: 05/07/1967			
Tank Status: Permanently Out of Use			
Date Closed: 06/23/1989			
Tank Capacity: 500			
Substance: Used Oil			
Name: BIG ISLAND NISSAN			
Address: 471 KALANIANAOLE ST			
City/State/Zip: HILO, HI 96720			
Tank ID: R-2			
Date Installed: 05/07/1967			
Tank Status: Permanently Out of Use			
Date Closed: 06/23/1989			
Tank Capacity: 1000			
Substance: Other			
RCA NonGen / NLR: 19800819			
Date Form Received by Agency: 471 KALANIANAOLE AVE			
Handler Name: HILO, HI 96720			
Handler Address: ENVIRONMENTAL MANAGER			
Handler City/State/Zip: HILO, HI 96720			
EPA ID: 808-835-3741			
Contact Name: Not reported			
Contact Address: Not reported			
Contact City/State/Zip: 09			
Contact Telephone: Other			
Contact Fax: Not a generator, verified			
Contact Email: Not reported			
EPA Region: Not reported			
Land Type: Not reported			
Federal Waste Generator Description: Not reported			
Non-Notifier: Not reported			
Accessibility: Not reported			
Active Site Indicator: Not reported			
State District Owner: Not reported			
State District: PO BOX 4789			
Mailing Address: HILO, HI 96720			
Owner Name: IK MOTORS INC			
Owner Type: Private			
Operator Name: NOT REQUIRED			
Operator Type: Private			
Short-Term Generator Activity: No			
Importer Activity: No			
Mixed Waste Generator: No			
Transfer Facility Activity: No			
Recycler Facility Activity: No			
Small Quantity On-Site Burner Exemption: No			
Smelting, Refining and Smelting Fume Exemption: No			
Underground Injection Control: No			
Off-Site Waste Receipt: No			
Universal Waste Indicator: No			

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRR Permit Baseline:	Not on the Baseline
2018 GPRR Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Post-Closure Workload Universe:	Not reported
202 GPRR Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	Not reported
Financial Assurance Required:	20020729
Handler Date of Last Change:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Recycler of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No
Handler - Owner Operator:	Operator
Owner/Operator Indicator:	NOT REQUIRED
Owner/Operator Name:	Private
Legal Status:	Not reported
Date Became Current:	Not reported
Date Ended Current:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED, ME 99999
Owner/Operator City/State/Zip:	415-555-1212
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BIG ISLAND NISSAN (Continued)
 1000120239
 1000120239

Owner/Operator Email: Not reported
 Owner/Operator Indicator: Not reported
 Owner/Operator Name: IK MOTORS INC
 Legal Status: Private
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: NOT REQUIRED
 Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
 Owner/Operator Telephone: 415-555-1212
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 19860819
 Handler Name: BIG ISLAND NISSAN
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Spent Lead Acid Battery Importer: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 44111
 NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violation:
 Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported

BIG ISLAND NISSAN (Continued)
 1000120239
 1000120239

Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delisted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Evaluation Action Summary:
 Evaluation Date: 19860516
 Evaluation Responsible Agency: State
 Found Violation: No
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: R9
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

FINDS:
 Registry ID: 110005723342

Click Here:
 Environmental Interest/Information System:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER
 Click tibs.byquadlink while viewing on your computer to access additional FINDS; detail in the EDR Site Report.

ECHO:
 Envid: 1000120239
 Registry ID: 110005723342
 DFR URL: http://echo.epa.gov/detailed-facility-report?Id=110005723342
 Name: BIG ISLAND NISSAN
 Address: 471 KALANIAN'AOLE AVE
 City,State,Zip: HILO, HI 96720

F39
Lower
 < 1/8
 0.045 mi.
 240 ft.

HIL0 HARBOR
 80 KUHI0 ST.
 HILO, HI 96720
 Site 1 of 5 in cluster F
 RCRA-VSQG: 20180701
 Date Form Received by Agency: HIL0 HARBOR
 Handler Name:
 Handler City/State/Zip:
 EPA ID:
 Contact Name:
 Contact Address:
 Contact City/State/Zip:
 Contact Telephone:
 Contact Fax:
 Contact Email:
 Contact Title:
 EPA Region:
 Land Type:
 Federal Waste Generator Description:
 Non-Notifier:
 Biennial Report Cycle:
 Accessibility:
 Active Site Indicator:
 State District Owner:
 State District:
 Mailing Address:
 Mailing City/State/Zip:
 Owner Name:
 Owner Type:
 Operator Name:
 Operator Type:
 Short-Term Generator Activity:
 Importer Activity:
 Mixed Waste Generator:
 Transporter Activity:
 Transfer Facility Activity:
 Recycler Activity with Storage:
 Small Quantity On-Site Burner Exemption:
 Smelting Melting and Refining Furnace Exemption:
 Underground Injection Control:
 Off-Site Waste Receipt:
 Universal Waste Indicator:
 Universal Waste Destination Facility:
 Federal Universal Waste:
 Active Site Fed-Reg Treatment Storage and Disposal Facility:
 Active Site Converter Treatment Storage and Disposal Facility:
 Active Site State-Reg Treatment Storage and Disposal Facility:
 Active Site State-Reg Handler:
 Federal Facility Indicator:
 Hazardous Secondary Material Indicator:
 Sub-Part K Indicator:
 Commercial TSD Indicator:
 Treatment Storage and Disposal Type:
 2018 GPRM Permit Baseline:
 2018 GPRM Renewals Baseline:
 Permit Renewals Workload Universe:

RCRA-VSQG FINDS ECHO
 1004688865
 1004688865
 1004688865

HIL0 HARBOR (Continued)
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPRM Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDs Where RCRA CA has Been Imposed Universe: No
 TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: No
 Groundwater Controls Indicator: N/A
 Operating TSDF Universe: N/A
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: Not reported
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20210828
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Biennial: List of Years 2013
 Year:
 Click Here for Biennial Reporting System Data:
 Hazardous Waste Summary:
 Waste Code: D001
 Waste Description: IGNITABLE WASTE
 Waste Code: D008
 Waste Description: LEAD
 Handler - Owner Operator:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:
 Operator
 HILO HARBOR
 State
 19211008
 Not reported
 80 KUHI0 ST
 HILO, HI 96720
 808-933-8850
 Not reported
 Not reported

1004688865
 1004688865

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

HILO HARBOR (Continued) 100468865

Owner: HAWAII DEPT. OF TRANSPORTATION, HARBORS

Owner/Operator Name: 19211008
Legal Status: Not reported
Date Became Current: 80 KUHIO ST.
Owner/Operator City/State/Zip: HILO, HI 96720
Owner/Operator Telephone: 808-933-8850
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Operator: NOT REQUIRED
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED, ME 99999
Owner/Operator City/State/Zip: 415-555-1212
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Operator: HARBORS DIVISION, HAWAII DISTRICT
Legal Status: State
Date Became Current: 19211008
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Operator: DOT-HARBORS DIVISION
Legal Status: State
Date Became Current: 19211001
Date Ended Current: 79 S NIMITZ HWY
Owner/Operator Address: HONOLULU, HI 96813
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner: HILO HARBOR
Legal Status: State
Date Became Current: 19211008
Date Ended Current: 80 KUHIO ST.
Owner/Operator Address: HILO, HI 96720
Owner/Operator City/State/Zip: 808-933-8850
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

HILO HARBOR (Continued) 100468865

Owner/Operator Indicator: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Name: DOT-HARBORS DIVISION
Legal Status: State
Date Became Current: Not reported
Date Ended Current: NOT REQUIRED, ME 99999
Owner/Operator Address: 415-555-1212
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported
Owner/Operator Name: DOT-HARBORS DIVISION
Legal Status: State
Date Became Current: 19211001
Date Ended Current: 79 S NIMITZ HWY
Owner/Operator Address: HONOLULU, HI 96813
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140415
Handler Name: PORT OF HILO, HAWAII
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19891026
Handler Name: DOT-HARBORS DIVISION-WAILOA
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120412
Handler Name: PORT OF HILO
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

HILO HARBOR (Continued)

State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20160701
 Handler Name: HILO HARBOR
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: Not reported
 Spent Lead Acid Battery Exporter: Not reported
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions: 48831 PORT AND HARBOR OPERATIONS
 NAICS Code:
 NAICS Description:

Facility Has Received Notices of Violation:

Agency Which Determined Violation: Yes
 Violation Short Description: State Permits - General Information
 Date Violation was Determined: 20101015
 Actual Return to Compliance Date: 20101130
 Violation Responsible Agency: Documented
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20101015
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported

HILO HARBOR (Continued)

SEP Actual Date: Not reported
 SEP Delauleted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 20010702
 Actual Return to Compliance Date: 20060803
 Violation Responsible Agency: Documented
 Scheduled Compliance Date: State
 Enforcement Identifier: Not reported
 Date of Enforcement Action: 001
 Enforcement Responsible Agency: 20010702
 Enforcement Docket Number: State
 Corrective Action Component: Not reported
 Appeal Initiated Date: No
 Disposition Status Date: Not reported
 Disposition Status: 20060803
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delauleted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Amount: Not reported

Facility Has Received Notices of Violation:

Agency Which Determined Violation: Yes
 Violation Short Description: State Used Oil - Generators
 Date Violation was Determined: 20010702
 Actual Return to Compliance Date: 20060803
 Violation Responsible Agency: Documented
 Scheduled Compliance Date: State
 Enforcement Identifier: Not reported

HILO HARBOR QUONSET HUT (Continued)

Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 3119
 Location Description: 80 Kuluho St., Hilo, HI 96720
 Is Public: True
 Update On: 2021-11-21 17:09:49
 Latitude: 19.729919
 Longitude: -155.053260

SPILLS:

Name: DRILL DRILL DRILL IES HILO PIER
 Address: 80 KUHILO STREET
 Address 2: Not reported
 City/State/Zip: HILO, HI
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20201214-1220 NFA
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: Not reported
 ER: Yes
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: NFA
 File Under: Not reported
 Substances: Not reported
 Quantity: Not reported
 Units: Not reported
 Reported Date: 12/14/20 5:20 PM EST
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Ocean
 Summary: Not reported
 drill drill drill: caller reported a barge was offloading when the

HILO HARBOR QUONSET HUT (Continued)

jet riser started releasing jet fuel (A) into the Pacific Ocean.
 Is Noteworthy for Reports: No
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Terry Corpus
 Notified Agencies: Not reported
 Response Measures Taken: A skimmer was deployed to the location and vacuum truck was used for additional cleanup.
 Incident Report Number: 1294283
 Coordination Needed: None
 Tier II Facility: Yes
 RMP: No
 Follow-up Received On: Not reported
 Cost Recovery: No
 Invoice To: Not reported
 Closed Date: Dec 14, 2020
 Comments: drill
 Latitude: Not reported
 Longitude: Not reported

F41

HILO PIER 3
80 KUHILO STREET
HILO, HI 96720
0.045 mi.
240 ft.

Relative:

Lower
Actual:
3 ft.

RCRA NonGen / NLR: 20190504
 Date Form Received by Agency: HILO PIER 3
 Handler Name:
 Handler Address:
 Handler City/State/Zip:
 EPA ID:
 Contact Name:
 Contact Address:
 Contact City/State/Zip:
 Contact Telephone:
 Contact Fax:
 Contact Email:
 EPA Region:
 Land Type:
 Federal Waste Generator Description:
 Non-Notifier:
 Biennial Report Cycle:
 Accessibility:
 Active Site Indicator:
 State District Owner:
 State District:
 Mailing Address:
 Mailing City/State/Zip:
 Owner Name:
 Owner Type:
 Operator Name:
 Operator Type:
 Short-term Generator Activity:
 Importer Activity:
 Mixed Waste Generator:

RCRA NonGen / NLR
1017770173
HIP000142679

20190504
 80 KUHILO STREET
 HILO, HI 96720
 HIPO00142679
 RICHARD CONNER
 1132 BISHOP STREET, SUITE 1700
 HONOLULU, HI 96813
 808-523-9704
 808-523-2773
 RCONNER@ALOHAGAS.COM
 ENV_MGR, ALOHA PETROLEUM LTD
 09
 State
 Not a generator, verified
 Not reported
 Not reported
 Not reported
 Not reported
 Not reported
 Not reported
 80 KUHILO STREET
 HILO, HI 96720
 STATE OF HAWAII
 State
 HI DEPT. OF TRANSPORTATION, HARBORS DIV
 State
 No
 No
 No

Map ID
Direction
Distance
Elevation

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EDR ID Number
EPA ID Number

EDR ID Number
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Database(s)

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HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

HILO PIER 3 (Continued)

Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: Not reported
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: N
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRR Permit Baseline: Not on the Baseline
 2018 GPRR Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPRR Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No
 TSDFs Potentially Subject to CA Under 3004 (U)/V Universe: No
 TSDFs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Full Enforcement Universe: Not reported
 Operating TSD Universe: No
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20150504
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Owner:
 STATE OF HAWAII
 State
 19590801
 Not reported
 80 KUHIIO STREET
 HILO, HI 96720
 Not reported
 Not reported
 Not reported
 Not reported
 Owner:
 STATE OF HAWAII
 State
 19590801
 Not reported
 80 KUHIIO STREET
 HILO, HI 96720
 Not reported
 Not reported
 Not reported
 Not reported
 Operator
 HI DEPT. OF TRANSPORTATION, HARBORS DIV
 State
 19590801
 Not reported
 80 KUHIIO STREET
 HILO, HI 96720
 Not reported
 Not reported
 Not reported
 Not reported
 Operator
 HI DEPT. OF TRANSPORTATION, HARBORS DIV
 State
 19590801
 Not reported
 80 KUHIIO STREET
 HILO, HI 96720
 Not reported
 Not reported
 Not reported
 Not reported

Handler - Owner Operator:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Date Ended Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:

HILO PIER 3 (Continued)

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150129

Handler Name: HILO PIER 3
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions: 488310 PORT AND HARBOR OPERATIONS
NAICS Code:
NAICS Description:

Facility Has Received Notices of Violations: No Violations Found
Violations:

Evaluation Action Summary: No Evaluations Found
Evaluations:

E42 SW
< 1/8
0.052 mi.
274 ft.
Relative: Lower
Actual: 6 ft.

ALOHA PETROLEUM HILO WEST TERMINAL
661 KALANIANA'OLE AVE
HILO, HI 96720
Site 6 of 8 in cluster E

RCRA-SQG: 20210625
Date Form Received by Agency: ALOHA PETROLEUM HILO WEST TERMINAL
Handler Name: 661 KALANIANA'OLE AVE
Handler Address: HILO, HI 96720
Handler City/State/Zip: HILO, HI 96720
EPA ID: HID000631531
Contact Name: TRAVIS OKINISHI
Contact Address: KALANIANA'OLE AVE
Contact City/State/Zip: HILO, HI 96720
Contact Telephone: 808-557-2034
Contact Fax: Not reported
Contact Email: TOKINISHI@ALOHAGAS.COM
Contact Title: HEAD OPERATOR
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Active Site Indicator: Not reported
State District Owner: Not reported
Mailing Address: KALANIANA'OLE AVE
Mailing City/State/Zip: HILO, HI 96720
Owner Name: ALOHA PETROLEUM LLC, A DELAWARE LLC
Owner Type: Private
Operator Name: ALOHA PETROLEUM LLC, A DELAWARE LLC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: --
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: No
2018 GPPA Permit Baseline: Not reported
2018 GPPA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPPA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSD's Where RCRA CA has Been Imposed Universe: No
TSD's Potentially Subject to CA Under 3004 (u)(v) Universe: No
TSD's Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: Not reported
Operating TSD Universe: Not reported
Full Enforcement Universe: No
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: 20210625
Handler Date of Last Change:

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Biennial List of Years: 2005
 Year: 2005
 Click Here for Biennial Reporting System Date: 2003
 Year: 2003
 Click Here for Biennial Reporting System Date: 2001
 Year: 2001
 Click Here for Biennial Reporting System Date:

Hazardous Waste Summary: D001
 Waste Code: IGNITABLE WASTE
 Waste Description:
 Waste Code: D008
 Waste Description: LEAD
 Waste Code: D018
 Waste Description: BENZENE

Handler - Owner Operator:
 Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
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 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner/Operator Indicator:
 Owner/Operator Name:
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 Owner/Operator Address:
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Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
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Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
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Owner/Operator Indicator:
 Owner/Operator Name:
 Legal Status:
 Date Became Current:
 Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Operator: NOT REQUIRED
Owner/Operator Name: Private
Legal Status: Not reported
Date Became Current: Not reported
Owner/Operator Address: NOT REQUIRED, ME 99999
Owner/Operator City/State/Zip: 415-555-1212
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENT LLC DBA SHELL OIL PRODUCTS U
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2648
Owner/Operator City/State/Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENT LLC DBA SHELL OIL PRODUCTS U
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2648
Owner/Operator City/State/Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: HOUSTON, TX 77252-2648
Owner/Operator City/State/Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 2648
Owner/Operator City/State/Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2648
Owner/Operator City/State/Zip: HOUSTON, TX 77252-2648
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALOHA PETROLEUM, LTD
Legal Status: Private
Date Became Current: 20101101
Date Ended Current: Not reported
Owner/Operator Address: 1132 BISHOP ST
Owner/Operator City/State/Zip: HONOLULU, HI 96813
Owner/Operator Telephone: 808-522-9704
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALOHA PETROLEUM, LTD
Legal Status: Private
Date Became Current: 20150901
Date Ended Current: Not reported
Owner/Operator Address: 1132 BISHOP ST
Owner/Operator City/State/Zip: HONOLULU, HI 96813
Owner/Operator Telephone: 808-373-6733
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: 19980701
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 2648

ALOHA PETROLEUM HILO WEST TERMINAL (Continued) 1000288041 1000288041

Owner/Operator City,State,Zip: HOUSTON, TX 77252-2648
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
 Legal Status: Private
 Date Became Current: 19980701
 Date Ended Current: Not reported
 Owner/Operator Address: P. O. BOX 2648
 Owner/Operator City,State,Zip: HOUSTON, TX 77252-2648
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: EQUILON ENTERPRISES LLC DBA S O P US
 Legal Status: Private
 Date Became Current: 19980701
 Date Ended Current: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator City,State,Zip: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20040202
 Handler Name: SHELL OIL PRODUCTS US HILO TERMINAL SHELL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported
 Receive Date: 20070312
 Handler Name: SHELL OIL PRODUCTS US - HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 19930815
 Handler Name: SHELL OIL CO HILO PLANT
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported
 Receive Date: 20040114
 Handler Name: HILO TERMINAL SHELL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No

Owner/Operator Indicator: Operator
 Owner/Operator Name: ALOHA PETROLEUM LLC, A DELAWARE LLC
 Legal Status: Private
 Date Became Current: 20150901
 Date Ended Current: Not reported
 Owner/Operator Address: 1132 BISHOP ST
 Owner/Operator City,State,Zip: HONOLULU, HI 96813
 Owner/Operator Telephone: 808-373-6733
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: ALOHA PETROLEUM LLC, A DELAWARE LLC
 Legal Status: Private

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MAP FINDINGS

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ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Recognized Trader Importer: No
Spent Lead Acid Battery Exporter: No
Spent Lead Acid Battery Importer: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions: 42271
NAICS Code: PETROLEUM BULK STATIONS AND TERMINALS
NAICS Description:
NAICS Code: 42471
NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20070720
Actual Return to Compliance Date: 20070928
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070720
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: No
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

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MAP FINDINGS

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EDR ID Number
EPA ID Number

Database(s)

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20120426
Actual Return to Compliance Date: 20120515
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20120426
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 20070720
Actual Return to Compliance Date: 20070928
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070720
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported

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EPA ID Number

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ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: TBRAN
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
 Date Violation was Determined: 20070720
 Actual Return to Compliance Date: 20070928
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Completion Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20070720
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
 Date Violation was Determined: 20070720
 Actual Return to Compliance Date: 20070928
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Completion Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20070720
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20120426
 Actual Return to Compliance Date: 20120515
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Completion Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20120426
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported

Map ID
Direction
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Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
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Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Consent/Final Order Lead Agency: Not reported
Enforcement Type: TBRAN
Enforcement Responsible Person: WRITTEN INFORMAL
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount:
SEP Scheduled Completion Date:
SEP Actual Date:
SEP Defaulted Date:
SEP Type:
Proposed Amount:
Final Monetary Amount:
Paid Amount:
Final Count:
Final Amount:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20120426
Actual Return to Compliance Date: 20120515
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20120426
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number:
SEP Expenditure Amount:
SEP Scheduled Completion Date:
SEP Actual Date:
SEP Defaulted Date:
SEP Type:
Proposed Amount:
Final Monetary Amount:
Paid Amount:
Final Count:
Final Amount:
Found Violation: Yes
Agency Which Determined Violation: State

Map ID
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Map ID
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EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Consent/Final Order Lead Agency: Not reported
Enforcement Type: TBRAN
Enforcement Responsible Person: WRITTEN INFORMAL
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number:
SEP Expenditure Amount:
SEP Scheduled Completion Date:
SEP Actual Date:
SEP Defaulted Date:
SEP Type:
Proposed Amount:
Final Monetary Amount:
Paid Amount:
Final Count:
Final Amount:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20070720
Actual Return to Compliance Date: 20070928
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date:
Enforcement Identifier: 001
Date of Enforcement Action: 20070720
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number:
SEP Expenditure Amount:
SEP Scheduled Completion Date:
SEP Actual Date:
SEP Defaulted Date:
SEP Type:
Proposed Amount:
Final Monetary Amount:
Paid Amount:
Final Count:
Final Amount:
Found Violation: Yes
Agency Which Determined Violation: Federal or State Statute
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20070720
Actual Return to Compliance Date: 20070928
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date:
Enforcement Identifier: 001
Date of Enforcement Action: 20070720
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported

Map ID
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EPA ID Number

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Site

EDR ID Number
EPA ID Number

Database(s)

EDR ID Number
EPA ID Number

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Site	Permits - General Information
ALOHA PETROLEUM HILO WEST TERMINAL (Continued)	<p>Violation Short Description: Not reported</p> <p>Date Violation was Determined: 20120426</p> <p>Actual Return to Compliance Date: 20120515</p> <p>Return to Compliance Qualifier: Documented</p> <p>Violation Responsible Agency: State</p> <p>Scheduled Compliance Date: Not reported</p> <p>Enforcement Identifier: 001</p> <p>Date of Enforcement Action: 20120426</p> <p>Enforcement Responsible Agency: State</p> <p>Enforcement Docket Number: Not reported</p> <p>Enforcement Attorney: Not reported</p> <p>Corrective Action Component: No</p> <p>Appeal Initiated Date: Not reported</p> <p>Appeal Resolution Date: Not reported</p> <p>Disposition Status Date: Not reported</p> <p>Disposition Status: Not reported</p> <p>Consent/Final Order Sequence Number: Not reported</p> <p>Consent/Final Order Respondent Name: Not reported</p> <p>Consent/Final Order Lead Agency: Not reported</p> <p>Enforcement Type: WRITTEN INFORMAL</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: Not reported</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Proposed Amount: Not reported</p> <p>Final Monetary Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Count: Not reported</p> <p>Final Amount: Not reported</p> <p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: Not reported</p> <p>Date Violation was Determined: 20120426</p> <p>Actual Return to Compliance Date: 20120515</p> <p>Return to Compliance Qualifier: Documented</p> <p>Violation Responsible Agency: State</p> <p>Scheduled Compliance Date: Not reported</p> <p>Enforcement Identifier: 001</p> <p>Date of Enforcement Action: 20120426</p> <p>Enforcement Responsible Agency: State</p> <p>Enforcement Docket Number: Not reported</p> <p>Enforcement Attorney: Not reported</p> <p>Corrective Action Component: No</p> <p>Appeal Initiated Date: Not reported</p> <p>Appeal Resolution Date: Not reported</p> <p>Disposition Status Date: Not reported</p> <p>Disposition Status: Not reported</p> <p>Consent/Final Order Sequence Number: Not reported</p> <p>Consent/Final Order Respondent Name: Not reported</p> <p>Consent/Final Order Lead Agency: Not reported</p> <p>Enforcement Type: WRITTEN INFORMAL</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: Not reported</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Proposed Amount: Not reported</p> <p>Final Monetary Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Count: Not reported</p> <p>Final Amount: Not reported</p> <p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p>

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
						1000288041	1000288041
ALOHA PETROLEUM HILO WEST TERMINAL (Continued)							
Enforcement Order Lead Agency: Not reported							
Enforcement Type: WRITTEN INFORMAL							
Enforcement Responsible Person: TBRAN							
SEP Sequence Number: Not reported							
SEP Expenditure Amount: Not reported							
SEP Scheduled Completion Date: Not reported							
SEP Actual Date: Not reported							
SEP Defaulted Date: Not reported							
SEP Type: Not reported							
Proposed Amount: Not reported							
Paid Amount: Not reported							
Final Count: Not reported							
Final Amount: Not reported							
Evaluation Action Summary: 20070302							
Evaluation Date: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20070302							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20120403							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20120403							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20070302							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20070302							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
						1000288041	1000288041
ALOHA PETROLEUM HILO WEST TERMINAL (Continued)							
Enforcement Order Lead Agency: Not reported							
Enforcement Type: WRITTEN INFORMAL							
Enforcement Responsible Person: TBRAN							
SEP Sequence Number: Not reported							
SEP Expenditure Amount: Not reported							
SEP Scheduled Completion Date: Not reported							
SEP Actual Date: Not reported							
SEP Defaulted Date: Not reported							
SEP Type: Not reported							
Proposed Amount: Not reported							
Paid Amount: Not reported							
Final Count: Not reported							
Final Amount: Not reported							
Evaluation Action Summary: 20070302							
Evaluation Date: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20120403							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							
Evaluation Date: 20070302							
Evaluation Responsible Agency: State							
Found Violation: Yes							
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE							
Evaluation Responsible Person Identifier: TBRAN							
Actual Return to Compliance Date: Not reported							
Scheduled Compliance Date: Not reported							
Date of Request: Not reported							
Date Response Received: Not reported							
Request Agency: Not reported							
Former Citation: Not reported							

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)
EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

HID Number: Not reported
Lead and Program: HEER EP&R
ER: Not reported
Less Or Greater Than: Not reported
Units: SHELL OIL CO., KALANIANAOLE AVE. 661
Activity Type: Response
Activity Lead: Not reported
Assignment End Date: Not reported
Result: SOSC NFA
File Under: Shell Oil Company
Substances: SEE INCIDENT DESCRIPTION
Quantity: Not reported
Units: Not reported
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Quantity: Not reported
Units: Not reported
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOSC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.669319989999999
Longitude: -155.307075

Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOSC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.727232000000001
Longitude: -155.05476200000001

EQUILON ENTERPRISES LLC - HILO TERMINAL (SHELL OIL CO)

Name: 661 KALANIANAOLE AVE
Address: Not reported
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Aloha Petroleum Hilo West Terminal
Case Number: 19940729-10
Facility Registry ID: 110001412631
HID Number: Not reported
Lead and Program: HEER EP&R
ER: Not reported
Less Or Greater Than: Not reported
Units: SHELL OIL CO., KALANIANAOLE AVE. 661
Activity Type: Response
Activity Lead: Not reported
Assignment End Date: Not reported
Result: SOSC NFA
File Under: Shell Oil Company
Substances: SEE INCIDENT DESCRIPTION

US AIRS (AFS):
Envid: 1000288041
Region Code: 09
County Code: HI001
Programmatic ID: AIR HI000001500100048
Facility Registry ID: 110001412631
D and B Number: Not reported
Facility Site Name: ALOHA PETROLEUM-HILO (EQUILON-SHELL)
Primary SIC Code: 5171
NAICS Code: 424710
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported
US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR HI000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 09
Programmatic ID: AIR HI000001500100048

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
 Activity Date: 2001-02-01 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 1998-03-30 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 1999-03-30 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2001-02-01 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
 Activity Date: 1979-03-12 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 1980-02-20 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 1981-02-03 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR-HI0000001500100048
 Facility Registry ID: 110001412631
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 1982-03-11 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2001-10-05 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2002-12-09 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2002-12-10 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2003-12-15 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

Activity Date: 2003-12-16 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2004-12-09 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2004-12-10 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2005-11-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2005-12-01 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Inspection/Evaluation
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2006-03-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2006-11-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2006-12-01 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2007-12-11 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2007-12-12 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2008-03-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2008-12-22 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2008-12-23 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2009-10-27 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2009-10-28 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

ALOHA PETROLEUM HILO WEST TERMINAL (Continued)

1000288041

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-03-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-12-20 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-12-21 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-12-27 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

Activity Date: 2011-12-28 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-12-18 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-12-19 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-12-26 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR-HI0000001500100048
Facility Registry ID: 110001412631
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-12-27 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

E43 SW ALOHA PETROLEUM LLC-HILO WEST TERMINAL TRIS 1014698870 ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued) 1014698870

< 1/8 Lower 661 KALANIANA'OLE AVE HILO, HI 96720 FUELS PROGRAM FINDS 9672WLHPTR661KA

0.052 mi. 274 ft. Site 7 of 8 in cluster E

Facility, Chemical, Releases and Other Waste Management Summary Information: 9672WLHPTR661KA

Form Type: Form R

Reporting year: 2018

Trade secret indicator: NO

Sanitized indicator: NO

Title of certifying official: GENERAL MANAGER - TERMINALS & TRANSPORTATION, JENNIFER METROSE

Certifying officials signature indicator: ELECTRONIC

Date signed: 2019-05-10

Name: ALOHA PETROLEUM LLC-HILO WEST TERMINAL

Address: 661 KALANIANA'OLE AVE

City/State/Zip: HILO, HI 96720

BIA code: Not reported

Tribe name: Not reported

Mailing name: ALOHA PETROLEUM LLC-HILO WEST TERMINAL

Mailing street: 661 KALANIANA'OLE AVE

Mailing City/State/Zip: HILO, HI 96720

Entire facility ind: YES

Partial facility ind: NO

Federal facility ind: NO

Goco facility ind: NO

Assigned led facility flag: KELVIN CHUN

Public contact name: 8088358288

Public contact phone and Ext: KCHUN@ALOHAGAS.COM

Public contact email: Not reported

Primary sic code: Not reported

Sic code 2: Not reported

Sic code 3: Not reported

Sic code 4: Not reported

Sic code 5: Not reported

Sic code 6: Not reported

Naics origin: Not reported

Primary naics code: 424710

Naics code 2: Not reported

Naics code 3: Not reported

Naics code 4: Not reported

Naics code 5: Not reported

Naics code 6: Not reported

Latitude: 19.727278

Longitude: -155.054813

D and B number A: 081909046

D and B number B: Not reported

RCRA number A: HD000631531

RCRA number B: Not reported

RCRA number C: Not reported

RCRA number D: Not reported

RCRA number E: Not reported

RCRA number F: Not reported

RCRA number G: Not reported

RCRA number H: Not reported

NPDES number A: Not reported

NPDES number B: Not reported

On-site underground inj. - pounds: Not reported
 On-site underground inj. - basis of estimate: Not reported
 Total on-site ugrnd inj to c11 wells - pounds: 0
 On-site underground inj to c11 wells - basis of estimate: Not reported
 Total on-site ugrnd inj to c11-v wells - pounds: 0
 On-site ugrnd inj to c11-v wells - basis of estimate: Not reported
 Total on-site underground injection: 0
 Total on-site landfills: Not reported
 On-site landfills - basis of estimate: Not reported
 Total on-site RCRA subtitle c landfills: 0
 On-site RCRA subtitle c landfills - basis of estimate: 0
 Total other on-site landfills: 0
 Other landfills - basis of estimate: Not reported
 Total on-site land treatment: 0
 Land trmt/appl farming - basis of estimate: Not reported
 Total surface impoundments: Not reported
 Surface impoundment - basis of estimate: Not reported
 Total RCRA c surface impoundments: 0
 RCRA c Surface impoundment - basis of estimate: Not reported
 Total other surface impoundments: 0
 Other surface impoundment - basis of estimate: Not reported
 Total other disposal: 0
 Other disposal - basis of estimate: Not reported
 Total on-site land releases: 0
 Total on-site POTW releases: 193
 Off-site - POTW releases: 0
 Off-site - storage only: 0
 Off-site - solid/sludg - metals: 0
 Off-site - wastewater treatment release - metals: 0
 Off-site - solid/sludg - release - metals: 0
 Off-site - wastewater treatment - metals: 0
 Off-site - underground injection: 0
 Off-site - underground injection - class 1 wells: 0
 Off-site - underground injection - class 1-v wells: 0
 Off-site - landfills/disposal surface impoundments: 0
 Off-site - surface impoundment: 0
 Off-site - RCRA subtitle c surface impoundments: 0
 Off-site - other surface impoundments: 0
 Off-site - other landfills: 0
 Off-site - RCRA subtitle c landfills: 0
 Off-site - disposal - land treatment: 0
 Off-site - disposal - other land disposal: 0
 Off-site - disposal - other off-site management: 0
 Off-site - disposal - transfer to waste broker: 0
 Off-site - disposal - unknown: 0
 Total transferred off site for disposal: 0
 Off-site - recycling - solvents/organics recovery: 0
 Off-site - recycling - metals recovery: 0
 Off-site - recycling - other reuse or recovery: 0
 Off-site - recycling - acid regeneration: 0
 Off-site - recycling - transfer to waste broker: 0
 Total transferred off site for recycling: 0
 Off-site - energy recovery: 0
 Off-site - transfer to waste broker for energy recovery: 0
 Total transferred off site for energy recovery: 0
 Off-site - POTW treatment: 0
 Off-site - solid/sludg treatment - non metals: 0

Off-site - incineration/thermal treatment: 7
 Off-site - incineration/insignificant heat value: 0
 Off-site - wastewater treatment - non-metals: 0
 Off-site - other waste treatment: 0
 Total transferred off site for treatment: 7
 Off-site - transfer to waste broker: 0
 Total transferred off site for further waste management: 7
 Total POTW transfer: 0
 Energy recovery on site current year: 0
 Recycled on site current year: 0
 Treated on site current year: 969
 Total on-site waste management: 969
 On-site energy recovery method 1: Not Applicable
 On-site energy recovery method 2: Not reported
 On-site energy recovery method 3: Not Applicable
 On-site energy recovery method 4: Not reported
 On-site recycling processes method 1: Not Applicable
 On-site recycling processes method 2: Not reported
 On-site recycling processes method 3: Not reported
 On-site recycling processes method 4: Not reported
 On-site recycling processes method 5: Not reported
 On-site recycling processes method 6: Not reported
 On-site recycling processes method 7: Not reported
 FRS Facility ID: 110,041192580
 Elemental Metal Included: NO
 Waste Rock Pile managed Indicator: 0
 Waste Rock Quantity: Not reported
 Off Site - POTW Releases 81C: 0
 Off Site - POTW Releases 81D: 0

Chemical Activities and Uses:
 CAS number: 000110543
 Document control number: 1318216742688
 Chemical name: N-HEXANE
 Classification: TRI
 Unit of measure: Pounds
 Produce the chemical: No
 Import the chemical: No
 On-site use of the chemical: No
 Sale or distribution of the chemical: No
 As a byproduct: No
 As a manufactured impurity: No
 Used as a reactant: No
 P101 feedstocks: No
 P102 raw materials: No
 P103 intermediates: No
 P104 initiators: No
 P199 other: No
 Added as a formulation component: No
 P201 additives: No
 P202 dyes: No
 P203 reaction diluents: No
 P204 initiators: No
 P205 solvents: No
 P206 inhibitors: No
 P207 emulsifiers: No
 P208 surfactants: No

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

1014696870

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

1014696870

Document control number:	1318216742698
Chemical name:	N-HEXANE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	180
Other on-site releases - current year:	193
Other on-site releases - following year:	193
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	1013
Quantity treated on site current year:	969
Quantity treated on site following year:	969
Quantity treated on site 2nd-following year:	969
Quantity treated off site prior year:	12
Quantity treated off site current year:	7
Quantity treated off site following year:	7
Quantity treated off site 2nd-following year:	7
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.95
PRODUCTION	NA-NA
1st SR reduction activity:	Not reported
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported

P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Antilary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	ALOHA PETROLEUM LTD-HILO WEST TERMINAL
Submitted Street:	66 KALANANA'OLE AVE
Submitted City:	HILO
Submitted County:	HAWAII
Submitted State:	HI
Submitted Zip Code:	96720
Submitted BIA Code:	Not reported
Submitted Tribe Name:	ALOHA PETROLEUM
Submitted Parent Company Name:	ALOHA PETROLEUM
Submitted Standardized Parent Company Name:	ALOHA PETROLEUM
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Industry Code:	Petroleum Bulk Terminals
Industry Name:	Petroleum Bulk Terminals
Last year the facility reported:	2019
First year the facility reported:	2014
Number of forms submitted:	7
Total number of forms submitted:	42 20200808

Detailed Source Reduction Activities and Methods:	000110543
Cas number:	

1014696870

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

3rd SR activity code and desc.: Not reported
 3rd SR activity ID meth code and desc 1: Not reported
 3rd SR activity ID meth code and desc 2: Not reported
 3rd SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 3rd source REDN act code and desc: Not reported
 4th SR activity code and desc: Not reported
 4th SR activity ID meth code and desc 1: Not reported
 4th SR activity ID meth code and desc 2: Not reported
 4th SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 4th source REDN act code and desc: Not reported

Stream 5 - waste stream code: Not reported
 Stream 5 - trmt method - sequence 1: Not reported
 Stream 5 - trmt method - sequence 2: Not reported
 Stream 5 - trmt method - sequence 3: Not reported
 Stream 5 - trmt method - sequence 4: Not reported
 Stream 5 - trmt method - sequence 5: Not reported
 Stream 5 - trmt method - sequence 6: Not reported
 Stream 5 - trmt method - sequence 7: Not reported
 Stream 5 - trmt method - sequence 8: Not reported
 Stream 5 - based on operating data: Not reported

Detailed On-site Waste Treatment Methods and Efficiency:
 Cas number: 000110543
 Document control number: 1318216742698
 Chemical name: N-HEXANE
 Classification: TRI
 Unit of measure: Pounds
 Stream 1 - waste stream code: Gaseous (gases, vapors, airborne particulates)
 Stream 1 - trmt method - sequence 1: Incineration-thermal destruction other than use as a fuel
 Stream 1 - trmt method - sequence 2: Not reported
 Stream 1 - trmt method - sequence 3: Not reported
 Stream 1 - trmt method - sequence 4: Not reported
 Stream 1 - trmt method - sequence 5: Not reported
 Stream 1 - trmt method - sequence 6: Not reported
 Stream 1 - trmt method - sequence 7: Not reported
 Stream 1 - trmt method - sequence 8: Not reported
 Stream 1 - based on operating data: NO
 Stream 2 - waste stream code: Wastewater (aqueous waste)
 Stream 2 - trmt method - sequence 1: Phase separation
 Stream 2 - trmt method - sequence 2: Not reported
 Stream 2 - trmt method - sequence 3: Not reported
 Stream 2 - trmt method - sequence 4: Not reported
 Stream 2 - trmt method - sequence 5: Not reported
 Stream 2 - trmt method - sequence 6: Not reported
 Stream 2 - trmt method - sequence 7: Not reported
 Stream 2 - trmt method - sequence 8: Not reported
 Stream 2 - based on operating data: NO
 Stream 3 - waste stream code: Not reported
 Stream 3 - trmt method - sequence 1: Not reported
 Stream 3 - trmt method - sequence 2: Not reported
 Stream 3 - trmt method - sequence 3: Not reported
 Stream 3 - trmt method - sequence 4: Not reported
 Stream 3 - trmt method - sequence 5: Not reported
 Stream 3 - trmt method - sequence 6: Not reported
 Stream 3 - trmt method - sequence 7: Not reported
 Stream 3 - trmt method - sequence 8: Not reported
 Stream 3 - based on operating data: Not reported
 Stream 4 - waste stream code: Not reported
 Stream 4 - trmt method - sequence 1: Not reported
 Stream 4 - trmt method - sequence 2: Not reported
 Stream 4 - trmt method - sequence 3: Not reported
 Stream 4 - trmt method - sequence 4: Not reported
 Stream 4 - trmt method - sequence 5: Not reported
 Stream 4 - trmt method - sequence 6: Not reported
 Stream 4 - trmt method - sequence 7: Not reported
 Stream 4 - trmt method - sequence 8: Not reported
 Stream 4 - based on operating data: Not reported

Details of Off-site Transfers:
 Cas number: 000110543
 Document control number: 1318216742698
 Chemical name: N-HEXANE
 Classification: TRI
 Unit of measure: Pounds
 Offsite RCRA id nr: WAD020257945
 Offsite transfer sequence number: 1
 Offsite name: BURLINGTON ENVIRONMENTAL LLC TACOMA
 Offsite street address: 1701 E ALEXANDER AVE
 Offsite City,State,Zip: TACOMA, WA 98421
 Offsite province: PIERCE
 Offsite country id: Not reported
 Offsite control: NO
 Unit of measure: Pounds
 Total amount transferred offsite for disposal: 0
 Total amount transferred offsite for recycling: 0
 Total amount transferred offsite for energy recovery: 0
 Offsite incineration/thermal treatment m50 LBS: 7
 Offsite incineration/thermal treatment m50 BOE: Other
 Total amount transferred offsite for treatment: 7
 FRS ID - Transfer Location: 110014328245

TRI ID: 9672WLHPT861KA
 Cas number: 000071432
 Chemical name: BENZENE
 Classification: TRI
 Unit of measure: Pounds
 Metal ind: NO
 Revision code 1: Not reported
 Revision code 2: Not reported
 Maximum amount on site: 05
 Fugitive air emissions - total release pounds: 35
 Fugitive air emissions - total release range code: Not reported
 Total fugitive air emissions: 35
 Fugitive air emissions - basis of estimate: Other
 Stack air emissions - release pounds: 171
 Stack air emissions - release range code: Not reported
 Total stack air emissions: 171
 Stack air emissions - basis of estimate: Other
 Total air emissions: 206
 Discharges to stream a - stream name: NA
 Total discharges to stream a: 0
 Discharges to stream a - basis of estimate: Not reported
 Discharges to stream a - % from stormwater: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EPA ID Number
EPA ID Number

Database(s)

10/14696870

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Discharges to stream b - stream name: Not reported
Total discharges to stream b: 0
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported
Discharges to stream c - stream name: Not reported
Total discharges to stream c: 0
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported
Discharges to stream d - stream name: Not reported
Total discharges to stream d: 0
Discharges to stream d - basis of estimate: Not reported
Discharges to stream d - % from stormwater: Not reported
Discharges to stream e - stream name: Not reported
Total discharges to stream e: 0
Discharges to stream e - basis of estimate: Not reported
Discharges to stream e - % from stormwater: Not reported
Total discharges to stream f: 0
Discharges to stream f - basis of estimate: Not reported
Discharges to stream f - % from stormwater: Not reported
Discharges to stream g - stream name: Not reported
Total discharges to stream g: 0
Discharges to stream g - basis of estimate: Not reported
Discharges to stream g - % from stormwater: Not reported
Total number of receiving streams: 0
Total surface water discharge: 0
Total on-site underground in - pounds: Not reported
On-site underground in - basis of estimate: Not reported
Total on-site underground in to cti wells - pounds: 0
On-site underground in to cti wells - basis of estimate: Not reported
Total on-site underground in to cti wells - pounds: 0
On-site underground in to cti wells - basis of estimate: Not reported
Total on-site underground injection: 0
Total on-site landfills: 0
On-site landfills - basis of estimate: Not reported
Total on-site RCRA subtitle c landfills: 0
On-site RCRA subtitle c landfills - basis of estimate: Not reported
Total other on-site landfills: 0
Land treatment: 0
Land treatment/farming - basis of estimate: Not reported
Total surface impoundments: 0
Surface impoundment - basis of estimate: Not reported
RCRA c surface impoundments: 0
Total RCRA c surface impoundments: 0
Total other surface impoundments: 0
Total other disposal: 0
Other disposal - basis of estimate: Other
Total on-site land releases: 206
Off-site - POTW releases: 0
Off-site - storage only: 0
Off-site - solid/slud - metals: 0
Off-site - wastewater treatment release - metals: 0
Off-site - solid/slud - release - metals: 0
Off-site - wastewater treatment - metals: 0

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

EPA ID Number
EPA ID Number

Database(s)

10/14696870

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Off-site - underground injection: 0
Off-site - underground injection - class 1 wells: 0
Off-site - underground injection - class i/v wells: 0
Off-site - landfills/disposal surface impoundments: 0
Off-site - surface impoundment: 0
Off-site - RCRA subtitle c surface impoundments: 0
Off-site - other surface impoundments: 0
Off-site - other landfills: 0
Off-site - RCRA subtitle c landfills: 0
Off-site - disposal - land treatment: 0
Off-site - disposal - other land disposal: 0
Off-site - disposal - other off-site management: 0
Off-site - disposal - transfer to waste broker: 0
Off-site - disposal - unknown: 0
Total transferred off site for disposal: 0
Off-site - recycling - solvents/organics recovery: 0
Off-site - recycling - metals recovery: 0
Off-site - recycling - other reuse or recovery: 0
Off-site - recycling - acid regeneration: 0
Off-site - recycling - transfer to waste broker: 0
Total transferred off site for recycling: 0
Off-site - energy recovery: 0
Off-site - transfer to waste broker for energy recovery: 0
Total transferred off site for energy recovery: 0
Off-site - POTW treatment: 0
Off-site - solid/slab treatment - non metals: 11
Off-site - incineration/thermal treatment: 0
Off-site - incineration/insignificant heat value: 0
Off-site - wastewater treatment - non-metals: 0
Off-site - other waste treatment: 0
Off-site - transfer to waste broker - waste treatment: 0
Total transferred off site for treatment: 11
Off-site - transfer to waste broker: 0
Total POTW transfer: 11
Energy recovery on site current year: 0
Recycled on site current year: 0
Treated on site current year: 976
Total on-site waste management: 976
On-site energy recovery method 1: Not Applicable
On-site energy recovery method 2: Not reported
On-site energy recovery method 3: Not Applicable
On-site energy recovery method 4: Not reported
On-site recycling processes method 1: Not Applicable
On-site recycling processes method 2: Not reported
On-site recycling processes method 3: Not reported
On-site recycling processes method 4: Not reported
On-site recycling processes method 5: Not reported
On-site recycling processes method 6: Not reported
On-site recycling processes method 7: Not reported
FRS Facility ID: 110041192580
Elemental Metal Included: NO
Waste Rock Pile managed Indicator: 0
Waste Rock Quantity: Not reported
Off Site - POTW Releases 81C: 0
Off Site - POTW Releases 81D: 0

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

1014696870

Chemical Activities and Uses:
 CAS number: 000071432
 Document control number: 1318216742674
 Chemical name: BENZENE
 Classification: TRI
 Unit of measure: Pounds
 Produce the chemical: Yes
 Import the chemical: No
 On-site use of the chemical: No
 Sale or distribution of the chemical: No
 As a byproduct: Yes
 As a manufactured impurity: No
 Used as a reactant: No
 P101 feedstocks: No
 P102 raw materials: No
 P103 intermediates: No
 P104 initiators: No
 P199 other: No
 Added as a formulation component:
 P201 additives: No
 P202 dyes: No
 P203 reaction diluents: No
 P204 initiators: No
 P205 solvents: No
 P206 inhibitors: No
 P207 emulsifiers: No
 P208 surfactants: No
 P209 lubricants: No
 P210 flame retardants: No
 P211 rheological modifiers: No
 P299 other: No
 Used as an article component:
 Repackaging: Yes
 As a process impurity: No
 Processed / recycling: No
 Used as a chemical processing aid:
 Z101 process solvents: No
 Z102 catalysts: No
 Z103 inhibitors: No
 Z104 initiators: No
 Z105 reaction terminators: No
 Z106 solution buffers: No
 Z199 other: No
 Used as a manufacturing aid:
 Z201 process lubricants: No
 Z202 metalworking fluids: No
 Z203 coolants: No
 Z204 refrigerants: No
 Z205 hydraulic fluids: No
 Z299 other: No
 Ancillary or other use:
 Z301 cleaner: No
 Z302 degreaser: No
 Z303 lubricant: No
 Z304 fuel: No
 Z305 flame retardant: No
 Z306 waste treatment: No

Z307 water treatment: No
 Z308 construction materials: No
 Z399 other: No
 Submitted Facility Name: ALOHA PETROLEUM LTD-HILO WEST TERMINAL
 Submitted Street: 661 KALANIANA'OLE AVE
 Submitted City: HILO
 Submitted County: HAWAII
 Submitted State: HI
 Submitted Zip Code: 96720
 Submitted BIA Code: Not reported
 Submitted Tribe Name: ALOHA PETROLEUM
 Submitted Parent Company DB Number: Not reported
 Submitted Standardized Parent Company Name: ALOHA PETROLEUM
 Submitted Primary NAICS Code: 424710
 Submitted Industry Code: 4247
 Industry Name: Petroleum Bulk Terminals
 Industry Code: 4247
 Last year the facility reported: Petroleum Bulk Terminals
 2019
 Number of forms submitted: 2014
 7
 Total number of forms submitted: 42.20200808

Detailed Source Reduction Activities and Methods:

Gas number: 000071432
 Document control number: 1318216742674
 Chemical name: BENZENE
 Classification: TRI
 Unit of measure: Pounds
 On-site limited releases - prior year: 0
 On-site limited releases - current year: 0
 On-site limited releases - following year: 0
 On-site limited releases - 2nd-following year: 0
 Other on-site releases - prior year: 185
 Other on-site releases - current year: 206
 Other on-site releases - following year: 206
 Off-site limited releases - prior year: 0
 Off-site limited releases - current year: 0
 Off-site limited releases - following year: 0
 Off-site limited releases - 2nd-following year: 0
 Other off-site releases - previous year: 0
 Other off-site releases - current year: 0
 Other off-site releases - following year: 0
 Other off-site releases - 2nd-following year: 0
 Energy recovery on site prior year: 0
 Energy recovery on site current year: 0
 Energy recovery on site following year: 0
 Energy recovery on site 2nd-following year: 0
 Energy recovery off site prior year: 0
 Energy recovery off site current year: 0
 Energy recovery off site following year: 0
 Energy recovery off site 2nd-following year: 0
 Quantity recycled on site prior year: 0
 Quantity recycled on site current year: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EPA ID Number
1014696870

Site

Database(s)

EPA ID Number
1014696870

MAP FINDINGS

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Quantity recycled on site following year:
Quantity recycled on site 2nd-following year: 0
Quantity recycled off site prior year: 0
Quantity recycled off site current year: 0
Quantity recycled off site following year: 0
Quantity recycled off site 2nd-following year: 0
Quantity treated on site prior year: 1020
Quantity treated on site current year: 976
Quantity treated on site following year: 976
Quantity treated on site 2nd-following year: 19
Quantity treated off site prior year: 11
Quantity treated off site following year: 11
Quantity treated off site 2nd-following year: 11
Catastrophic releases or other one-time events: Not reported
Prod ratio/activity index: .95
PRODUCTION
1st SR reduction activity: NA-NA
1st SR activity ID meth code and desc 1: Not reported
1st SR activity ID meth code and desc 2: Not reported
1st SR activity ID meth code and desc 3: Not reported
EST Ann REDN 1st source REDN act code and desc:
2nd SR activity code and desc:
2nd SR activity ID meth code and desc 1: Not reported
2nd SR activity ID meth code and desc 2: Not reported
2nd SR activity ID meth code and desc 3: Not reported
EST Ann REDN 2nd source REDN act code and desc:
3rd SR activity code and desc:
3rd SR activity ID meth code and desc 1: Not reported
3rd SR activity ID meth code and desc 2: Not reported
3rd SR activity ID meth code and desc 3: Not reported
EST Ann REDN 3rd source REDN act code and desc:
4th SR activity code and desc:
4th SR activity ID meth code and desc 1: Not reported
4th SR activity ID meth code and desc 2: Not reported
4th SR activity ID meth code and desc 3: Not reported
EST Ann REDN 4th source REDN act code and desc: Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Gas number: 000071432
Document control number: 1318216742674
Chemical name: BENZENE
Classification: TRI
Unit of measure: Pounds
Stream 1 - waste stream code:
Stream 1 - trmt method - sequence 1: Incineration--thermal destruction other than use as a fuel
Stream 1 - trmt method - sequence 2: Not reported
Stream 1 - trmt method - sequence 3: Not reported
Stream 1 - trmt method - sequence 4: Not reported
Stream 1 - trmt method - sequence 5: Not reported
Stream 1 - trmt method - sequence 6: Not reported
Stream 1 - trmt method - sequence 7: Not reported
Stream 1 - trmt method - sequence 8: Not reported
Stream 1 - based on operating data: NO
Stream 2 - waste stream code: Wastewater (aqueous waste)
Stream 2 - trmt method - sequence 1: Phase separation
Stream 2 - trmt method - sequence 2: Not reported

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Stream 2 - trmt method - sequence 3: Not reported
Stream 2 - trmt method - sequence 4: Not reported
Stream 2 - trmt method - sequence 5: Not reported
Stream 2 - trmt method - sequence 6: Not reported
Stream 2 - trmt method - sequence 7: Not reported
Stream 2 - trmt method - sequence 8: Not reported
Stream 2 - based on operating data: NO
Stream 3 - waste stream code:
Stream 3 - trmt method - sequence 1: Not reported
Stream 3 - trmt method - sequence 2: Not reported
Stream 3 - trmt method - sequence 3: Not reported
Stream 3 - trmt method - sequence 4: Not reported
Stream 3 - trmt method - sequence 5: Not reported
Stream 3 - trmt method - sequence 6: Not reported
Stream 3 - trmt method - sequence 7: Not reported
Stream 3 - trmt method - sequence 8: Not reported
Stream 3 - based on operating data: Not reported
Stream 4 - waste stream code:
Stream 4 - trmt method - sequence 1: Not reported
Stream 4 - trmt method - sequence 2: Not reported
Stream 4 - trmt method - sequence 3: Not reported
Stream 4 - trmt method - sequence 4: Not reported
Stream 4 - trmt method - sequence 5: Not reported
Stream 4 - trmt method - sequence 6: Not reported
Stream 4 - trmt method - sequence 7: Not reported
Stream 4 - trmt method - sequence 8: Not reported
Stream 4 - based on operating data: Not reported
Stream 5 - waste stream code:
Stream 5 - trmt method - sequence 1: Not reported
Stream 5 - trmt method - sequence 2: Not reported
Stream 5 - trmt method - sequence 3: Not reported
Stream 5 - trmt method - sequence 4: Not reported
Stream 5 - trmt method - sequence 5: Not reported
Stream 5 - trmt method - sequence 6: Not reported
Stream 5 - trmt method - sequence 7: Not reported
Stream 5 - trmt method - sequence 8: Not reported
Stream 5 - based on operating data: Not reported

Details of Off-site Transfers:

Gas number: 000071432
Document control number: 1318216742674
Chemical name: BENZENE
Classification: TRI
Offsite RCRA id nr: WAD020257945
Offsite transfer sequence number: 1
Offsite name: BURLINGTON ENVIRONMENTAL LLC TACOMA
Offsite street address: 1701 E ALEXANDER AVE
Offsite City State Zip: TACOMA, WA 98421
Offsite county: PIERCE
Offsite province: Not reported
Offsite country id: NO
Offsite control: Not reported
Unit of measure: Pounds
Total amount transferred offsite for disposal: 0
Total amount transferred onsite for recycling: 0
Total amount transferred onsite for energy recovery: 0
Offsite incineration/thermal treatment m50 LBS: 11

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Off-site - transfer to waste broker - waste treatment: 0
 Total transferred off site for treatment: 50
 Off-site - transfer to waste broker: 0
 Total transferred off site for further waste management: 50
 Total POTW transfer: 0
 Energy recovery on site current year: 0
 Recycled on site current year: 0
 Treated on site current year: 377
 Total on-site waste management: 377
 On-site energy recovery method 1: Not Applicable
 On-site energy recovery method 2: Not reported
 On-site energy recovery method 3: Not Applicable
 On-site energy recovery method 4: Not reported
 On-site recycling processes method 1: Not Applicable
 On-site recycling processes method 2: Not reported
 On-site recycling processes method 3: Not reported
 On-site recycling processes method 4: Not reported
 On-site recycling processes method 5: Not reported
 On-site recycling processes method 6: Not reported
 On-site recycling processes method 7: Not reported
 FRS Facility ID: 110041192580
 Elemental Metal Included: NO
 Waste Rock Pile managed Indicator: 0
 Waste Rock Quantity: Not reported
 Off Site - POTW Releases 81C: 0
 Off Site - POTW Releases 81D: 0

Chemical Activities and Uses:

Gas number: 001330207
 Document control number: 1318216742724
 Chemical name: XYLENE (MIXED ISOMERS)
 Classification: TRI
 Unit of measure: Pounds
 Produce the chemical: Yes
 Import the chemical: No
 On-site use of the chemical: No
 Sale or distribution of the chemical: No
 As a byproduct: Yes
 As a manufactured impurity: No
 Used as a reactant: No
 P101 feedstocks: No
 P102 raw materials: No
 P103 intermediates: No
 P104 initiators: No
 P199 other: No
 Added as a formulation component: Yes
 P201 additives: No
 P202 dyes: No
 P203 reaction diluents: No
 P204 initiators: No
 P205 solvents: No
 P206 inhibitors: No
 P207 emulsifiers: No
 P208 surfactants: No
 P209 lubricants: No
 P210 flame retardants: No
 P211 technological modifiers: No
 P299 other: No

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Used as an article component: No
 Repackaging: Yes
 As a process impurity: No
 Processed / recycling: No
 Used as a chemical processing aid: No
 Z101 process solvents: No
 Z102 catalysts: No
 Z103 inhibitors: No
 Z104 initiators: No
 Z105 reaction terminators: No
 Z106 solution buffers: No
 Z199 other: No
 Used as a manufacturing aid: No
 Z201 process lubricants: No
 Z202 metalworking fluids: No
 Z203 coolants: No
 Z204 refrigerants: No
 Z205 hydraulic fluids: No
 Z299 other: No
 Ancillary or other use: No
 Z301 cleaner: No
 Z302 degreaser: No
 Z303 lubricant: No
 Z304 fuel: No
 Z305 flame retardant: No
 Z306 waste treatment: No
 Z307 water treatment: No
 Z308 construction materials: No
 Z399 other: No

Submitted Facility Name:

Submitted Street: ALOHA PETROLEUM LTD-HILO WEST TERMINAL
 Submitted City: HILO
 Submitted County: HAWAII
 Submitted State: HI
 Submitted Zip Code: 96720
 Submitted BIA Code: Not reported
 Submitted Tribe Name: Not reported
 Submitted Parent Company Name: ALOHA PETROLEUM
 Submitted Parent Company DB Number: Not reported
 Submitted Standardized Parent Company Name: ALOHA PETROLEUM
 Submitted Primary NAICS Code: 424710
 Submitted Industry Code: 4247
 Industry Name: Petroleum Bulk Terminals
 Last year the facility reported: 2019
 First year the facility reported: 2014
 Number of forms submitted: 7
 Total number of forms submitted: 42 20200808

Detailed Source Reduction Activities and Methods:

Gas number: 001330207
 Document control number: 1318216742724
 Chemical name: XYLENE (MIXED ISOMERS)
 Classification: TRI
 Unit of measure: Pounds

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

On-site limited releases - prior year: 0
 On-site limited releases - current year: 0
 On-site limited releases - following year: 0
 On-site limited releases - 2nd-following year: 0
 Other on-site releases - prior year: 132
 Other on-site releases - current year: 207
 Other on-site releases - following year: 207
 Other on-site releases - 2nd-following year: 207
 Off-site limited releases - prior year: 0
 Off-site limited releases - current year: 0
 Off-site limited releases - following year: 0
 Off-site limited releases - 2nd-following year: 0
 Other off-site releases - previous year: 0
 Other off-site releases - current year: 0
 Other off-site releases - following year: 0
 Other off-site releases - 2nd-following year: 0
 Energy recovery on site prior year: 0
 Energy recovery on site current year: 0
 Energy recovery on site following year: 0
 Energy recovery on site 2nd-following year: 0
 Energy recovery off site prior year: 0
 Energy recovery off site current year: 0
 Energy recovery off site following year: 0
 Energy recovery off site 2nd-following year: 0
 Quantity recycled on site prior year: 0
 Quantity recycled on site current year: 0
 Quantity recycled on site following year: 0
 Quantity recycled on site 2nd-following year: 0
 Quantity recycled off site prior year: 0
 Quantity recycled off site current year: 0
 Quantity recycled off site following year: 0
 Quantity recycled off site 2nd-following year: 0
 Quantity treated on site prior year: 394
 Quantity treated on site current year: 377
 Quantity treated on site following year: 377
 Quantity treated on site 2nd-following year: 377
 Quantity treated off site prior year: 86
 Quantity treated off site current year: 50
 Quantity treated off site following year: 50
 Catastrophic releases or other one-time events: Not reported
 Prod ratio/activity index: 95
 Prod ratio or activity: PRODUCTION
 1st SR reduction activity: NA-NA
 1st SR activity ID meth code and desc 1: Not reported
 1st SR activity ID meth code and desc 2: Not reported
 1st SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 1st source REDN act code and desc: Not reported
 2nd SR activity code and desc: Not reported
 2nd SR activity ID meth code and desc 1: Not reported
 2nd SR activity ID meth code and desc 2: Not reported
 2nd SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 2nd source REDN act code and desc: Not reported
 3rd SR activity code and desc: Not reported
 3rd SR activity ID meth code and desc 1: Not reported
 3rd SR activity ID meth code and desc 2: Not reported
 3rd SR activity ID meth code and desc 3: Not reported

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

EST Ann REDN 3rd source REDN act code and desc: Not reported
 4th SR activity code and desc: Not reported
 4th SR activity ID meth code and desc 1: Not reported
 4th SR activity ID meth code and desc 2: Not reported
 4th SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 4th source REDN act code and desc: Not reported
 Detailed On-Site Waste Treatment Methods and Efficiency:
 Cas number: 001330207
 Document control number: 1318216742724
 Chemical name: XYLENE (MIXED ISOMERS)
 Classification: TRI
 Unit of measure: Pounds
 Stream 1 - waste stream code: Gaseous (gases, vapors, airborne particulates)
 Stream 1 - trmt method - sequence 1: Incineration--thermal destruction other than use as a fuel
 Stream 1 - trmt method - sequence 2: Not reported
 Stream 1 - trmt method - sequence 3: Not reported
 Stream 1 - trmt method - sequence 4: Not reported
 Stream 1 - trmt method - sequence 5: Not reported
 Stream 1 - trmt method - sequence 6: Not reported
 Stream 1 - trmt method - sequence 7: Not reported
 Stream 1 - trmt method - sequence 8: Not reported
 Stream 2 - based on operating data: NO
 Stream 2 - waste stream code: Wastewater (aqueous waste)
 Stream 2 - trmt method - sequence 1: Phase separation
 Stream 2 - trmt method - sequence 2: Not reported
 Stream 2 - trmt method - sequence 3: Not reported
 Stream 2 - trmt method - sequence 4: Not reported
 Stream 2 - trmt method - sequence 5: Not reported
 Stream 2 - trmt method - sequence 6: Not reported
 Stream 2 - trmt method - sequence 7: Not reported
 Stream 2 - trmt method - sequence 8: Not reported
 Stream 3 - based on operating data: NO
 Stream 3 - waste stream code: Not reported
 Stream 3 - trmt method - sequence 1: Not reported
 Stream 3 - trmt method - sequence 2: Not reported
 Stream 3 - trmt method - sequence 3: Not reported
 Stream 3 - trmt method - sequence 4: Not reported
 Stream 3 - trmt method - sequence 5: Not reported
 Stream 3 - trmt method - sequence 6: Not reported
 Stream 3 - trmt method - sequence 7: Not reported
 Stream 3 - trmt method - sequence 8: Not reported
 Stream 4 - based on operating data: Not reported
 Stream 4 - waste stream code: Not reported
 Stream 4 - trmt method - sequence 1: Not reported
 Stream 4 - trmt method - sequence 2: Not reported
 Stream 4 - trmt method - sequence 3: Not reported
 Stream 4 - trmt method - sequence 4: Not reported
 Stream 4 - trmt method - sequence 5: Not reported
 Stream 4 - trmt method - sequence 6: Not reported
 Stream 4 - trmt method - sequence 7: Not reported
 Stream 4 - trmt method - sequence 8: Not reported
 Stream 5 - based on operating data: Not reported
 Stream 5 - waste stream code: Not reported
 Stream 5 - trmt method - sequence 1: Not reported
 Stream 5 - trmt method - sequence 2: Not reported
 Stream 5 - trmt method - sequence 3: Not reported

MAP FINDINGS

Site

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Discharges to stream c - stream name: Not reported
 Total discharges to stream c: Not reported
 Discharges to stream c - basis of estimate: Not reported
 Discharges to stream c - % from stormwater: Not reported
 Discharges to stream d - stream name: Not reported
 Total discharges to stream d: Not reported
 Discharges to stream d - basis of estimate: Not reported
 Discharges to stream d - % from stormwater: Not reported
 Discharges to stream e - stream name: Not reported
 Total discharges to stream e: Not reported
 Discharges to stream e - basis of estimate: Not reported
 Discharges to stream e - % from stormwater: Not reported
 Discharges to stream f - stream name: Not reported
 Total discharges to stream f: Not reported
 Discharges to stream f - basis of estimate: Not reported
 Discharges to stream f - % from stormwater: Not reported
 Discharges to stream g - stream name: Not reported
 Total discharges to stream g: Not reported
 Discharges to stream g - basis of estimate: Not reported
 Discharges to stream g - % from stormwater: Not reported
 Total number of receiving streams: 0
 Total surface water discharge: 0
 Total on-site underground inj. - pounds: Not reported
 On-site underground inj. - basis of estimate: Not reported
 Total on-site underground inj. to c1 wells - pounds: 0
 On-site underground inj. to c1 wells - basis of estimate: Not reported
 Total on-site underground inj. to c1-i-v wells - pounds: 0
 On-site underground inj. to c1-i-v wells - basis of estimate: Not reported
 Total on-site underground injection: 0
 Total on-site landfills: Not reported
 On-site landfills - basis of estimate: Not reported
 Total on-site RCRA subtitle c landfills: 0
 On-site RCRA subtitle c landfills - basis of estimate: Not reported
 Total other on-site landfills: 0
 Other landfills - basis of estimate: Not reported
 Total on-site land treatment: 0
 Land treatment - basis of estimate: Not reported
 Total surface impoundments: Not reported
 Surface impoundment - basis of estimate: Not reported
 Total RCRA c surface impoundments: 0
 RCRA c Surface Impoundment - basis of estimate: Not reported
 Total other surface impoundments: 0
 Other surface impoundment - basis of estimate: Not reported
 Total other disposal: 0
 Other disposal - basis of estimate: Other
 Total on-site land releases: 0
 Total on-site releases: 9
 Off-site - POTW releases: 0
 Off-site - storage only: 0
 Off-site - solid/stab - metals: 0
 Off-site - wastewater treatment release - metals: 0
 Off-site - solid/stab - release - metals: 0
 Off-site - wastewater treatment - metals: 0
 Off-site - wastewater injection: 0
 Off-site - underground injection - class 1 wells: 0
 Off-site - underground injection - class ii-v wells: 0
 Off-site - landfills/disposal surface impoundments: 0

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Stream 5 - trinit method - sequence 4: Not reported
 Stream 5 - trinit method - sequence 5: Not reported
 Stream 5 - trinit method - sequence 6: Not reported
 Stream 5 - trinit method - sequence 7: Not reported
 Stream 5 - trinit method - sequence 8: Not reported
 Stream 5 - based on operating data: Not reported

Details of Off-site Transfers:

Cas number: 001330207
 Document control number: 1318216742724
 Chemical name: XYLENE (MIXED ISOMERS)
 Classification: TRI
 Offsite RCRA id nr: WAD020257945
 Offsite transfer sequence number: 1
 Offsite name: BURLINGTON ENVIRONMENTAL LLC TACOMA
 Offsite street address: 1701 E ALEXANDER AVE
 Offsite City/State/Zip: TACOMA, WA 98421
 Offsite county: PIERCE
 Offsite province: Not reported
 Offsite country id: Not reported
 Offsite control: NO
 Unit of measure: Pounds
 Total amount transferred offsite for disposal: 0
 Total amount transferred offsite for recycling: 0
 Total amount transferred offsite for energy recovery: 0
 Offsite incineration/thermal treatment m50 LBS: 50
 Offsite incineration/thermal treatment m50 BOE: Other
 Total amount transferred offsite for treatment: 50
 FRS ID - Transfer Location: 110014328245

TRI ID: 9672WLHPTR661KA
 Cas number: 000091203
 Chemical name: NANPHTHALENE
 Classification: TRI
 Unit of measure: Pounds
 Metal ind: NO
 Revision code 1: Not reported
 Revision code 2: Not reported
 Maximum amount on site: 04
 Fugitive air emissions - total release range code: 3
 Fugitive air emissions - total release range code: Not reported
 Total fugitive air emissions: 3
 Fugitive air emissions - basis of estimate: Other
 Stack air emissions - release range code: 6
 Stack air emissions - release range code: Not reported
 Total stack air emissions: 6
 Stack air emissions - basis of estimate: Other
 Total air emissions: 9
 Discharges to stream a - stream name: NA
 Total discharges to stream a: 0
 Discharges to stream a - basis of estimate: Not reported
 Discharges to stream a - % from stormwater: Not reported
 Discharges to stream b - stream name: Not reported
 Total discharges to stream b: Not reported
 Discharges to stream b - basis of estimate: Not reported
 Discharges to stream b - % from stormwater: Not reported

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number	Unit of measure:	Pounds	Yes
								Off-site - surface impoundment:	0	
								Off-site - RCRA subtitle c surface impoundments:	0	
								Off-site - other landfills:	0	
								Off-site - RCRA subtitle c landfills:	0	
								Off-site - disposal - land treatment:	0	
								Off-site - disposal - other off-site management:	0	
								Off-site - disposal - transfer to waste broker:	0	
								Off-site - disposal - unknown:	0	
								Total transferred off site for disposal:	0	
								Off-site - recycling - solvents/organics recovery:	0	
								Off-site - recycling - metals recovery:	0	
								Off-site - recycling - other reuse or recovery:	0	
								Off-site - recycling - acid regeneration:	0	
								Off-site - recycling - transfer to waste broker:	0	
								Total transferred off site for recycling:	0	
								Off-site - energy recovery:	0	
								Off-site - transfer to waste broker for energy recovery:	0	
								Total transferred off site for energy recovery:	0	
								Off-site - POTW treatment:	0	
								Off-site - solid/slab treatment - non metals:	0	
								Off-site - incineration/thermal treatment:	3	
								Off-site - incineration/significant heat value:	0	
								Off-site - wastewater treatment - non-metals:	0	
								Off-site - other waste treatment:	0	
								Off-site - transfer to waste broker - waste treatment:	0	
								Total transferred off site for treatment:	3	
								Off-site - transfer to waste broker:	0	
								Total transferred off site for further waste management:	3	
								Total POTW transfer:	0	
								Energy recovery on site current year:	0	
								Recycled on site current year:	0	
								Treated on site current year:	0	
								Total on-site waste management:	0	
								On-site energy recovery method 1:	Not Applicable	
								On-site energy recovery method 2:	Not reported	
								On-site energy recovery method 3:	Not Applicable	
								On-site energy recovery method 4:	Not reported	
								On-site recycling processes method 1:	Not Applicable	
								On-site recycling processes method 2:	Not reported	
								On-site recycling processes method 3:	Not reported	
								On-site recycling processes method 4:	Not reported	
								On-site recycling processes method 5:	Not reported	
								On-site recycling processes method 6:	Not reported	
								On-site recycling processes method 7:	Not reported	
								FRS Facility ID:	110041192580	
								Elemental Metal Included:	NO	
								Waste Rock Pile managed Indicator:	0	
								Waste Rock Quantity:	0	
								Off Site - POTW Releases 81C:	0	
								Off Site - POTW Releases 81D:	0	
								Chemical Activities and Uses:		
								Case number:	000091203	
								Document control number:	1316216742700	
								Chemical name:	NAPHTHALENE	
								Classification:	TRI	

Submitted Facility Name: ALPHA PETROLEUM LTD-HILO WEST TERMINAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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Submitted Street: 661 KALANIANA'OLE AVE
Submitted City: HILO
Submitted County: HAWAII
Submitted State: HI
Submitted Zip Code: 96720
Submitted BIA Code: Not reported
Submitted Tribe Name: ALOHA PETROLEUM
Submitted Parent Company Name: Not reported
Submitted Parent Company DB Number: ALOHA PETROLEUM
Submitted Standardized Parent Company Name: ALOHA PETROLEUM
Submitted Primary NAICS Code: 424710
Submitted Industry Code: 4247
Industry Name: Petroleum Bulk Terminals
Industry Code: 4247
Industry Name: Petroleum Bulk Terminals
Last year the facility reported: 2019
First year the facility reported: 2014
Number of forms submitted: 7
Total number of forms submitted: 42 20200808

Quantity recycled off site 2nd-following year: 0
Quantity treated on site prior year: 1
Quantity treated on site current year: 0
Quantity treated on site following year: 0
Quantity treated on site 2nd-following year: 5
Quantity treated off site prior year: 3
Quantity treated off site current year: 3
Quantity treated off site following year: 3
Catastrophic releases or other one-time events: 3
Prod ratio/activity index: .95
PRODUCTION
NA-NA
1st SR reduction activity: Not reported
1st SR activity ID meth code and desc 1: Not reported
1st SR activity ID meth code and desc 2: Not reported
1st SR activity ID meth code and desc 3: Not reported
EST Ann REDN 1st source REDN act code and desc: Not reported
2nd SR activity code and desc: Not reported
2nd SR activity ID meth code and desc 1: Not reported
2nd SR activity ID meth code and desc 2: Not reported
2nd SR activity ID meth code and desc 3: Not reported
EST Ann REDN 2nd source REDN act code and desc: Not reported
3rd SR activity code and desc: Not reported
3rd SR activity ID meth code and desc 1: Not reported
3rd SR activity ID meth code and desc 2: Not reported
3rd SR activity ID meth code and desc 3: Not reported
EST Ann REDN 3rd source REDN act code and desc: Not reported
4th SR activity code and desc: Not reported
4th SR activity ID meth code and desc 1: Not reported
4th SR activity ID meth code and desc 2: Not reported
4th SR activity ID meth code and desc 3: Not reported
EST Ann REDN 4th source REDN act code and desc: Not reported

Detailed Source Reduction Activities and Methods:

Cas number: 000091203
Document control number: 1318216742700

Chemical name: NAPHTHALENE

Classification: TRI

Unit of measure: Pounds

On-site limited releases - prior year: 0
On-site limited releases - current year: 0
On-site limited releases - following year: 0
On-site limited releases - 2nd-following year: 0
Other on-site releases - prior year: 4
Other on-site releases - current year: 9
Other on-site releases - following year: 9
Other on-site releases - 2nd-following year: 9
Off-site limited releases - prior year: 0
Off-site limited releases - current year: 0
Off-site limited releases - following year: 0
Off-site limited releases - 2nd-following year: 0
Other off-site releases - previous year: 0
Other off-site releases - current year: 0
Other off-site releases - following year: 0
Other off-site releases - 2nd-following year: 0
Energy recovery on site prior year: 0
Energy recovery on site current year: 0
Energy recovery on site following year: 0
Energy recovery on site 2nd-following year: 0
Energy recovery off site prior year: 0
Energy recovery off site current year: 0
Energy recovery off site following year: 0
Energy recovery off site 2nd-following year: 0
Quantity recycled on site prior year: 0
Quantity recycled on site current year: 0
Quantity recycled on site following year: 0
Quantity recycled on site 2nd-following year: 0
Quantity recycled off site prior year: 0
Quantity recycled off site current year: 0
Quantity recycled off site following year: 0

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number: 000091203
Document control number: 1318216742700

Chemical name: NAPHTHALENE

Classification: TRI

Unit of measure: Pounds

Stream 1 - waste stream code: Gaseous (gases, vapors, airborne particulates)
Stream 1 - trmt method - sequence 1: Incineration--thermal destruction other than use as a fuel
Stream 1 - trmt method - sequence 2: Not reported
Stream 1 - trmt method - sequence 3: Not reported
Stream 1 - trmt method - sequence 4: Not reported
Stream 1 - trmt method - sequence 5: Not reported
Stream 1 - trmt method - sequence 6: Not reported
Stream 1 - trmt method - sequence 7: Not reported
Stream 1 - trmt method - sequence 8: Not reported
Stream 1 - based on operating data: NO
Stream 2 - waste stream code: Wastewater (aqueous waste)
Stream 2 - trmt method - sequence 1: Phase separation
Stream 2 - trmt method - sequence 2: Not reported
Stream 2 - trmt method - sequence 3: Not reported
Stream 2 - trmt method - sequence 4: Not reported
Stream 2 - trmt method - sequence 5: Not reported
Stream 2 - trmt method - sequence 6: Not reported
Stream 2 - trmt method - sequence 7: Not reported

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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Stream 2 - trinit method - sequence 8: Not reported
 Stream 2 - based on operating data: NO
 Stream 3 - waste stream code: Not reported
 Stream 3 - trinit method - sequence 1: Not reported
 Stream 3 - trinit method - sequence 2: Not reported
 Stream 3 - trinit method - sequence 3: Not reported
 Stream 3 - trinit method - sequence 4: Not reported
 Stream 3 - trinit method - sequence 5: Not reported
 Stream 3 - trinit method - sequence 6: Not reported
 Stream 3 - trinit method - sequence 7: Not reported
 Stream 3 - trinit method - sequence 8: Not reported
 Stream 3 - based on operating data: Not reported
 Stream 4 - waste stream code: Not reported
 Stream 4 - trinit method - sequence 1: Not reported
 Stream 4 - trinit method - sequence 2: Not reported
 Stream 4 - trinit method - sequence 3: Not reported
 Stream 4 - trinit method - sequence 4: Not reported
 Stream 4 - trinit method - sequence 5: Not reported
 Stream 4 - trinit method - sequence 6: Not reported
 Stream 4 - trinit method - sequence 7: Not reported
 Stream 4 - trinit method - sequence 8: Not reported
 Stream 4 - based on operating data: Not reported
 Stream 5 - waste stream code: Not reported
 Stream 5 - trinit method - sequence 1: Not reported
 Stream 5 - trinit method - sequence 2: Not reported
 Stream 5 - trinit method - sequence 3: Not reported
 Stream 5 - trinit method - sequence 4: Not reported
 Stream 5 - trinit method - sequence 5: Not reported
 Stream 5 - trinit method - sequence 6: Not reported
 Stream 5 - trinit method - sequence 7: Not reported
 Stream 5 - trinit method - sequence 8: Not reported
 Stream 5 - based on operating data: Not reported

Details of Off-site Transfers:
 Cas number: 000091203
 Document control number: 1318216742700
 Chemical name: NAPHTHALENE
 Classification: TRI
 Offsite RCRA id nr: WAD020257945
 Offsite transfer sequence number: 1
 Offsite name: BURLINGTON ENVIRONMENTAL LLC TACOMA
 Offsite street address: 1701 E ALEXANDER AVE
 Offsite City/State/Zip: TACOMA, WA 98421
 Offsite province: PIERCE
 Offsite country: Not reported
 Offsite country id: NO
 Offsite control: NO
 Unit of measure: Pounds
 Total amount transferred offsite for disposal: 0
 Total amount transferred offsite for recycling: 0
 Total amount transferred offsite for energy recovery: 0
 Offsite incineration/thermal treatment m50 LBS: 3
 Offsite incineration/thermal treatment m50 BOE: Other
 Total amount transferred offsite for treatment: 3
 FRS ID - Transfer Location: 110014328245

TRI ID: 9672V/LHPTFR661KA
 Cas number: 000108883
 Chemical name: TOLUENE
 Classification: TRI
 Unit of measure: Pounds
 Metal Ind: NO
 Revision code 1: Not reported
 Revision code 2: Not reported
 Maximum amount on site: 05
 Fugitive air emissions - total release pounds: 76
 Fugitive air emissions - total release range code: 76
 Total fugitive air emissions: Other
 Fugitive air emissions - basis of estimate: Not reported
 Stack air emissions - release pounds: 295
 Stack air emissions - release range code: Not reported
 Total stack air emissions: 295
 Other: 371
 Total air emissions: NA
 Discharges to stream a - stream name: 0
 Discharges to stream a - basis of estimate: Not reported
 Discharges to stream a - % from stormwater: Not reported
 Discharges to stream b - stream name: Not reported
 Discharges to stream b - basis of estimate: Not reported
 Discharges to stream b - % from stormwater: Not reported
 Discharges to stream c - stream name: Not reported
 Discharges to stream c - basis of estimate: Not reported
 Discharges to stream c - % from stormwater: Not reported
 Discharges to stream d - stream name: Not reported
 Discharges to stream d - basis of estimate: Not reported
 Discharges to stream d - % from stormwater: Not reported
 Discharges to stream e - stream name: Not reported
 Discharges to stream e - basis of estimate: Not reported
 Discharges to stream e - % from stormwater: Not reported
 Discharges to stream f - stream name: Not reported
 Discharges to stream f - basis of estimate: Not reported
 Discharges to stream f - % from stormwater: Not reported
 Discharges to stream g - stream name: Not reported
 Discharges to stream g - basis of estimate: Not reported
 Discharges to stream g - % from stormwater: Not reported
 Total number of receiving streams: 0
 Total surface water discharge: 0
 Total on-site underground injl - pounds: Not reported
 Total on-site ugrnd injl - basis of estimate: Not reported
 Total on-site ugrnd injl to c1 wells - pounds: 0
 Total on-site ugrnd injl to c1 wells - basis of estimate: Not reported
 Total on-site ugrnd injl to c1-i-v wells - pounds: 0
 Total on-site ugrnd injl to c1-i-v wells - basis of estimate: Not reported
 Total on-site underground injection: 0
 Total on-site landfills: Not reported
 On-site landfills - basis of estimate: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Map ID
Direction
Distance
Elevation

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

Site

Database(s)

Database(s)

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

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Energy recovery on site current year: 0
 Recycled on site current year: 0
 Treated on site current year: 1303
 Total on-site waste management: 1303
 On-site energy recovery method 1: Not Applicable
 On-site energy recovery method 2: Not reported
 On-site energy recovery method 3: Not Applicable
 On-site energy recovery method 4: Not reported
 On-site recycling processes method 1: Not Applicable
 On-site recycling processes method 2: Not reported
 On-site recycling processes method 3: Not reported
 On-site recycling processes method 4: Not reported
 On-site recycling processes method 5: Not reported
 On-site recycling processes method 6: Not reported
 On-site recycling processes method 7: Not reported
 FRS Facility ID: 110041192580
 Elemental Metal Included: NO
 Waste Rock Pile managed Indicator: 0
 Waste Rock Quantity: Not reported
 Off Site - POTW Releases 81C: 0
 Off Site - POTW Releases 81D: 0

Chemical Activities and Uses:
 CAS number: 000108883
 Document control number: 1318216742712
 Chemical name: TOLUENE
 Classification: TRI
 Unit of measure: Pounds
 Produce the chemical: Yes
 Import the chemical: No
 On-site use of the chemical: No
 Sale or distribution of the chemical: No
 As a byproduct: Yes
 As a manufactured impurity: No
 Used as a reactant: No
 P101 feedstocks: No
 P102 raw materials: No
 P103 intermediates: No
 P199 other: No
 Added as a formulation component: No
 P201 additives: No
 P202 dyes: No
 P203 reaction diluents: No
 P204 initiators: No
 P205 solvents: No
 P206 inhibitors: No
 P207 emulsifiers: No
 P208 surfactants: No
 P209 lubricants: No
 P210 flame retardants: No
 P211 rheological modifiers: No
 P289 other: No
 Used as an article component: No
 Repackaging: Yes
 As a process impurity: No
 Processed / recycling: No
 Used as a chemical processing aid: No

Total on-site RCRA subtitle c landfills: 0
 On-site RCRA subtitle c landfills - basis of estimate: Not reported
 Total other on-site landfills: 0
 Other landfills - basis of estimate: Not reported
 Total on-site land treatment: 0
 Land trim/appl farming - basis of estimate: Not reported
 Total surface impoundments: Not reported
 Surface impoundment - basis of estimate: Not reported
 Total RCRA c surface impoundments: 0
 RCRA c Surface impoundment - basis of estimate: Not reported
 Total other surface impoundments: 0
 Other surface impoundment - basis of estimate: Not reported
 Total other disposal: 0
 Other disposal - basis of estimate: Other
 Total on-site land releases: 371
 Total on-site POTW releases: 0
 Off-site - storage only: 0
 Off-site - solid/sludg - metals: 0
 Off-site - wastewater treatment release - metals: 0
 Off-site - solid/sludg - release - metals: 0
 Off-site - wastewater treatment - metals: 0
 Off-site - underground injection: 0
 Off-site - underground injection - class 1 wells: 0
 Off-site - underground injection - class iv wells: 0
 Off-site - landfills/disposal surface impoundments: 0
 Off-site - surface impoundment: 0
 Off-site - RCRA subtitle c surface impoundments: 0
 Off-site - other landfills: 0
 Off-site - other surface impoundments: 0
 Off-site - RCRA subtitle c landfills: 0
 Off-site - RCRA subtitle c landfills - land treatment: 0
 Off-site - disposal - other land disposal: 0
 Off-site - disposal - other off-site management: 0
 Off-site - disposal - transfer to waste broker: 0
 Off-site - disposal - unknown: 0
 Total transferred off site for disposal: 0
 Off-site - recycling - solvents/organics recovery: 0
 Off-site - recycling - metals recovery: 0
 Off-site - recycling - other reuse or recovery: 0
 Off-site - recycling - acid regeneration: 0
 Off-site - recycling - transfer to waste broker: 0
 Total transferred off site for recycling: 0
 Off-site - energy recovery: 0
 Off-site - transfer to waste broker for energy recovery: 0
 Total transferred off site for energy recovery: 0
 Off-site - POTW treatment: 0
 Off-site - solid/sludg treatment - non metals: 0
 Off-site - incineration/thermal treatment: 51
 Off-site - incineration/insignificant heat value: 0
 Off-site - wastewater treatment - non-metals: 0
 Off-site - other waste treatment: 0
 Off-site - transfer to waste broker - waste treatment: 0
 Total transferred off site for treatment: 51
 Off-site - transfer to waste broker: 0
 Total transferred off site for further waste management: 51
 Total POTW transfer: 0

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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Other on-site releases - current year:	371
Other on-site releases - following year:	371
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	1363
Quantity treated on site current year:	1303
Quantity treated on site following year:	1303
Quantity treated off site prior year:	87
Quantity treated off site current year:	51
Quantity treated off site following year:	51
Quantity treated off site 2nd-following year:	51
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	55
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	N/A-N/A
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported

1014696870

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Submitted Facility Name:	ALOHA PETROLEUM LTD-HILO WEST TERMINAL
Submitted Street:	661 KALANIANA'OLE AVE
Submitted City:	HILO
Submitted County:	HAWAII
Submitted State:	HI
Submitted Zip Code:	96720
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	ALOHA PETROLEUM
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	ALOHA PETROLEUM
Submitted Primary NAICS Code:	424710
Submitted Industry Code:	4247
Industry Name:	Petroleum Bulk Terminals
Product Name:	Petroleum Bulk Terminals
Last year the facility reported:	2019
First year the facility reported:	2014
Number of forms submitted:	7
Total number of forms submitted:	42 20200808
Detailed Source Reduction Activities and Methods:	
Cas number:	000108883
Document control number:	1318216742712
Chemical name:	TOLUENE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	283

Details of Off-site Transfers:
Cas number: 000108883
Document control number: 1318216742712

Chemical name: TOLUENE
Classification: TRI
Offsite RCRA id nr: WAD020257945

Offsite transfer sequence number: 1
Offsite name: BURLINGTON ENVIRONMENTAL LLC TACOMA
Offsite street address: 1701 E ALEXANDER AVE
Offsite City, State, Zip: TACOMA, WA 98421

Offsite province: PIERCE
Offsite country: Not reported
Offsite country id: NO

Unit of measure: Pounds
Total amount transferred offsite for disposal: 0
Total amount transferred offsite for recycling: 0

Offsite incineration/thermal treatment m50 LBS: 51
Offsite incineration/thermal treatment m50 BOE: 51
Total amount transferred offsite for treatment: 51
FRS ID - Transfer Location: 110014328245

TRI ID: 9672VLPTR661KA
Cas number: 000095636
Chemical name: 1,2,4-TRIMETHYLBENZENE

Classification: TRI
Unit of measure: Pounds
Metal ind: NO

Revision code 1: Not reported
Revision code 2: Not reported
Maximum amount on site: 05
Fugitive air emissions - total release pounds: 15
Fugitive air emissions - total release range code: 15

Total fugitive air emissions: Other
Fugitive air emissions - basis of estimate: 41
Stack air emissions - release pounds: Not reported
Stack air emissions - release range code: Not reported

Discharges to stream a - stream name: 0
Discharges to stream a - basis of estimate: Not reported
Discharges to stream a - % from stormwater: Not reported

Discharges to stream b - stream name: Not reported
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported

Discharges to stream c - stream name: Not reported
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported

Discharges to stream d - stream name: Not reported

Discharges to stream a - stream name: Not reported
Discharges to stream a - basis of estimate: Not reported
Discharges to stream a - % from stormwater: Not reported

Discharges to stream b - stream name: Not reported
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported

Discharges to stream c - stream name: Not reported
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported

Discharges to stream d - stream name: Not reported

Discharges to stream a - stream name: Not reported
Discharges to stream a - basis of estimate: Not reported
Discharges to stream a - % from stormwater: Not reported

Discharges to stream b - stream name: Not reported
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported

Discharges to stream c - stream name: Not reported
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported

Discharges to stream d - stream name: Not reported

Discharges to stream a - stream name: Not reported
Discharges to stream a - basis of estimate: Not reported
Discharges to stream a - % from stormwater: Not reported

Discharges to stream b - stream name: Not reported
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported

Discharges to stream c - stream name: Not reported
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported

Discharges to stream d - stream name: Not reported

Discharges to stream a - stream name: Not reported
Discharges to stream a - basis of estimate: Not reported
Discharges to stream a - % from stormwater: Not reported

Discharges to stream b - stream name: Not reported
Discharges to stream b - basis of estimate: Not reported
Discharges to stream b - % from stormwater: Not reported

Discharges to stream c - stream name: Not reported
Discharges to stream c - basis of estimate: Not reported
Discharges to stream c - % from stormwater: Not reported

Discharges to stream d - stream name: Not reported

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number	EDR ID Number EPA ID Number
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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Total discharges to stream d:	Not reported	0		
Discharges to stream d - basis of estimate:	Not reported	0		
Discharges to stream d - % from stormwater:	Not reported	0		
Discharges to stream e - stream name:	Not reported	0		
Total discharges to stream e:	Not reported	0		
Discharges to stream e - basis of estimate:	Not reported	0		
Discharges to stream e - % from stormwater:	Not reported	0		
Discharges to stream f - stream name:	Not reported	0		
Total discharges to stream f:	Not reported	0		
Discharges to stream f - basis of estimate:	Not reported	0		
Discharges to stream f - % from stormwater:	Not reported	0		
Discharges to stream g - stream name:	Not reported	0		
Total discharges to stream g:	Not reported	0		
Discharges to stream g - basis of estimate:	Not reported	0		
Discharges to stream g - % from stormwater:	Not reported	0		
Total number of receiving streams:	0			
Total surface water discharge:	0			
Total on-site underground inj - pounds:	Not reported	0		
On-site underground inj - basis of estimate:	Not reported	0		
Total on-site ugnd inj to c1 wells - pounds:	0			
On-site underground inj to c1 wells - basis of estimate:	Not reported	0		
Total on-site ugnd inj to c1 i-v wells - pounds:	0			
On-site ugnd inj to c1 i-v wells - basis of estimate:	Not reported	0		
Total on-site underground injection:	0			
On-site landfills:	Not reported	0		
On-site RCRA subtitle c landfills:	Not reported	0		
Total other on-site landfills:	0			
Other landfills - basis of estimate:	Not reported	0		
Total on-site land treatment:	0			
Land trmt(air)pl farming - basis of estimate:	Not reported	0		
Total surface impoundments:	Not reported	0		
Surface impoundment - basis of estimate:	Not reported	0		
Total RCRA c surface impoundments:	0			
RCRA c surface impoundment - basis of estimate:	Not reported	0		
Total other surface impoundments:	0			
Other surface impoundment - basis of estimate:	Not reported	0		
Total other disposal:	0			
Other disposal - basis of estimate:	Other	0		
Total on-site land releases:	0			
Total on-site releases:	56			
Off-site - POTW releases:	0			
Off-site - storage only:	0			
Off-site - solid/stab - metals:	0			
Off-site - wastewater treatment release - metals:	0			
Off-site - solid/stab - release - metals:	0			
Off-site - wastewater treatment - metals:	0			
Off-site - underground injection:	0			
Off-site - underground injection - class 1 wells:	0			
Off-site - underground injection - class i-iv wells:	0			
Off-site - landfills/disposal surface impoundments:	0			
Off-site - surface impoundment:	0			
Off-site - RCRA subtitle c surface impoundments:	0			
Off-site - other surface impoundments:	0			
Off-site - other landfills:	0			
Off-site - RCRA subtitle c landfills:	0			

MAP FINDINGS

Quantity treated off site prior year:	30	Not reported
Quantity treated on site current year:	18	Not reported
Quantity treated off site following year:	18	Not reported
Quantity treated on site 2nd-following year:	18	Not reported
Catastrophic releases or other one-time events:	Not reported	Not reported
Prod ratio/activity index:	.95	Not reported
Prod ratio or activity:	PRODUCTION	Not reported
1st SR reduction activity:	NA-NA	Not reported
1st SR activity ID meth code and desc 1:	Not reported	Not reported
1st SR activity ID meth code and desc 2:	Not reported	Not reported
1st SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported	Not reported
2nd SR activity code and desc:	Not reported	Not reported
2nd SR activity ID meth code and desc 1:	Not reported	Not reported
2nd SR activity ID meth code and desc 2:	Not reported	Not reported
2nd SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported	Not reported
3rd SR activity code and desc:	Not reported	Not reported
3rd SR activity ID meth code and desc 1:	Not reported	Not reported
3rd SR activity ID meth code and desc 2:	Not reported	Not reported
3rd SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported	Not reported
4th SR activity code and desc:	Not reported	Not reported
4th SR activity ID meth code and desc 1:	Not reported	Not reported
4th SR activity ID meth code and desc 2:	Not reported	Not reported
4th SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported	Not reported

Stream 3 - trimt method - sequence 3:	Not reported
Stream 3 - trimt method - sequence 4:	Not reported
Stream 3 - trimt method - sequence 5:	Not reported
Stream 3 - trimt method - sequence 6:	Not reported
Stream 3 - trimt method - sequence 7:	Not reported
Stream 3 - trimt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trimt method - sequence 1:	Not reported
Stream 4 - trimt method - sequence 2:	Not reported
Stream 4 - trimt method - sequence 3:	Not reported
Stream 4 - trimt method - sequence 4:	Not reported
Stream 4 - trimt method - sequence 5:	Not reported
Stream 4 - trimt method - sequence 6:	Not reported
Stream 4 - trimt method - sequence 7:	Not reported
Stream 4 - trimt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trimt method - sequence 1:	Not reported
Stream 5 - trimt method - sequence 2:	Not reported
Stream 5 - trimt method - sequence 3:	Not reported
Stream 5 - trimt method - sequence 4:	Not reported
Stream 5 - trimt method - sequence 5:	Not reported
Stream 5 - trimt method - sequence 6:	Not reported
Stream 5 - trimt method - sequence 7:	Not reported
Stream 5 - trimt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	000095636
Document control number:	1318216742662
Chemical name:	1,2,4-TRIMETHYLBENZENE
Classification:	TRI
Unit of measure:	Pounds
Offsite RCRA id nr:	WAD020257945
Offsite transfer sequence number:	1
Offsite name:	BURLINGTON ENVIRONMENTAL LLC TACOMA
Offsite street address:	1701 E ALEXANDER AVE
Offsite City,State,Zip:	TACOMA, WA 98421
Offsite county:	PIERCE
Offsite province:	Not reported
Offsite country id:	NO
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite incineration/thermal treatment m50.LBS:	18
Offsite incineration/thermal treatment m50.BOE:	Other
Total amount transferred offsite for treatment:	18
FRS ID - Transfer Location:	110014328245

TRI ID:
Cas number:
Chemical name:
Classification:
Unit of measure:

9672WUHPTR661KA
000100414
ETHYLBENZENE
TRI
Pounds

MAP FINDINGS

Quantity treated off site prior year:	30	Not reported
Quantity treated on site current year:	18	Not reported
Quantity treated off site following year:	18	Not reported
Quantity treated on site 2nd-following year:	18	Not reported
Catastrophic releases or other one-time events:	Not reported	Not reported
Prod ratio/activity index:	.95	Not reported
Prod ratio or activity:	PRODUCTION	Not reported
1st SR reduction activity:	NA-NA	Not reported
1st SR activity ID meth code and desc 1:	Not reported	Not reported
1st SR activity ID meth code and desc 2:	Not reported	Not reported
1st SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported	Not reported
2nd SR activity code and desc:	Not reported	Not reported
2nd SR activity ID meth code and desc 1:	Not reported	Not reported
2nd SR activity ID meth code and desc 2:	Not reported	Not reported
2nd SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported	Not reported
3rd SR activity code and desc:	Not reported	Not reported
3rd SR activity ID meth code and desc 1:	Not reported	Not reported
3rd SR activity ID meth code and desc 2:	Not reported	Not reported
3rd SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported	Not reported
4th SR activity code and desc:	Not reported	Not reported
4th SR activity ID meth code and desc 1:	Not reported	Not reported
4th SR activity ID meth code and desc 2:	Not reported	Not reported
4th SR activity ID meth code and desc 3:	Not reported	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported	Not reported

Details of Off-site Transfers:

Cas number:	000095636
Document control number:	1318216742662
Chemical name:	1,2,4-TRIMETHYLBENZENE
Classification:	TRI
Unit of measure:	Pounds
Offsite RCRA id nr:	WAD020257945
Offsite transfer sequence number:	1
Offsite name:	BURLINGTON ENVIRONMENTAL LLC TACOMA
Offsite street address:	1701 E ALEXANDER AVE
Offsite City,State,Zip:	TACOMA, WA 98421
Offsite county:	PIERCE
Offsite province:	Not reported
Offsite country id:	NO
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite incineration/thermal treatment m50.LBS:	18
Offsite incineration/thermal treatment m50.BOE:	Other
Total amount transferred offsite for treatment:	18
FRS ID - Transfer Location:	110014328245

TRI ID:
Cas number:
Chemical name:
Classification:
Unit of measure:

9672WUHPTR661KA
000100414
ETHYLBENZENE
TRI
Pounds

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number	EDR ID Number EPA ID Number
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ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Z106 solution buffers: No
Z199 other: No
Used as a manufacturing aid: No
Z201 process lubricants: No
Z202 metalworking fluids: No
Z203 coolants: No
Z204 refrigerants: No
Z205 hydraulic fluids: No
Z299 other: No
Ancillary or other use: No
Z301 cleaner: No
Z302 degreaser: No
Z303 lubricant: No
Z304 fuel: No
Z305 flame retardant: No
Z306 waste treatment: No
Z307 water treatment: No
Z308 construction materials: No
Z399 other: No

ALOHA PETROLEUM LTD-HILO WEST TERMINAL

Submitted Facility Name: ALOHA PETROLEUM LTD-HILO WEST TERMINAL
Submitted Street: 661 KALANIAAOLE AVE
Submitted City: HILO
Submitted County: HAWAII
Submitted State: HI
Submitted Zip Code: 96720
Submitted BIA Code: Not reported
Submitted Tribe Name: Not reported
Submitted Parent Company Name: ALOHA PETROLEUM
Submitted Parent Company DB Number: Not reported
Submitted Standardized Parent Company Name: ALOHA PETROLEUM
Submitted Primary NAICS Code: 424710
Submitted Industry Code: 4247
Submitted Industry Name: Petroleum Bulk Terminals
Industry Code: 4247
Industry Name: Petroleum Bulk Terminals
Last year the facility reported: 2019
First year the facility reported: 2014
Number of forms submitted: 7
Total number of forms submitted: 42 20200808

On-site energy/recovery method 2: Not reported
On-site energy/recovery method 3: Not applicable
On-site energy/recovery method 4: Not reported
On-site recycling processes method 1: Not applicable
On-site recycling processes method 2: Not applicable
On-site recycling processes method 3: Not reported
On-site recycling processes method 4: Not reported
On-site recycling processes method 5: Not reported
On-site recycling processes method 6: Not reported
On-site recycling processes method 7: Not reported
FRS Facility ID: 110041192590
Elemental Metal Included: NO
Waste Rock Pile managed Indicator: 0
Waste Rock Quantity: Not reported
Off Site - POTW Releases 81C: 0
Off Site - POTW Releases 81D: 0

Chemical Activities and Uses:
Cas number: 000100414
Document control number: 1318216742686

ETHYLBENZENE

Classification: TRI
Unit of measure: Pounds
Produce the chemical: No
Import the chemical: No
On-site use of the chemical: No
Sale or distribution of the chemical: No
As a byproduct: No
As a manufactured impurity: No
Used as a reactant: No
P101 feedstocks: No
P102 raw materials: No
P103 intermediates: No
P104 initiators: No
P199 other: No
Added as a formulation component: No
P201 additives: No
P202 dyes: No
P203 reaction diluents: No
P204 initiators: No
P205 solvents: No
P206 inhibitors: No
P207 emulsifiers: No
P208 surfactants: No
P209 lubricants: No
P210 flame retardants: No
P211 rheological modifiers: No
P299 other: No
Used as an article component: No
Repackaging: Yes
As a process impurity: No
Processed / recycling: No
Used as a chemical processing aid: No
Z101 process solvents: No
Z102 catalysts: No
Z103 initiators: No
Z104 inhibitors: No
Z105 reaction terminators: No

ETHYLBENZENE

Document control number: 1318216742686
Classification: TRI
Unit of measure: Pounds
On-site limited releases - prior year: 0
On-site limited releases - current year: 0
On-site limited releases - following year: 0
On-site limited releases - 2nd following year: 0
Other on-site releases - prior year: 31
Other on-site releases - current year: 49
Other on-site releases - following year: 49
Other on-site releases - 2nd following year: 49

Detailed Source Reduction Activities and Methods:
Cas number: 000100414
Document control number: 1318216742686
Chemical name: ETHYLBENZENE
Classification: TRI
Unit of measure: Pounds
On-site limited releases - prior year: 0
On-site limited releases - current year: 0
On-site limited releases - following year: 0
On-site limited releases - 2nd following year: 0
Other on-site releases - prior year: 31
Other on-site releases - current year: 49
Other on-site releases - following year: 49
Other on-site releases - 2nd following year: 49

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)
ETHYLBENZENE
 TRI
 Pounds
 Chemical name: Gaseous (gases, vapors, airborne particulates)
 Classification: Incineration--thermal destruction other than use as a fuel
 Unit of measure: Not reported
 Stream 1 - waste stream code: Not reported
 Stream 1 - trmt method - sequence 1: Not reported
 Stream 1 - trmt method - sequence 2: Not reported
 Stream 1 - trmt method - sequence 3: Not reported
 Stream 1 - trmt method - sequence 4: Not reported
 Stream 1 - trmt method - sequence 5: Not reported
 Stream 1 - trmt method - sequence 6: Not reported
 Stream 1 - trmt method - sequence 7: Not reported
 Stream 1 - trmt method - sequence 8: Not reported
 Stream 1 - based on operating data: NO
 Stream 2 - waste stream code: Wastewater (aqueous waste)
 Stream 2 - trmt method - sequence 1: Phase separation
 Stream 2 - trmt method - sequence 2: Not reported
 Stream 2 - trmt method - sequence 3: Not reported
 Stream 2 - trmt method - sequence 4: Not reported
 Stream 2 - trmt method - sequence 5: Not reported
 Stream 2 - trmt method - sequence 6: Not reported
 Stream 2 - trmt method - sequence 7: Not reported
 Stream 2 - trmt method - sequence 8: Not reported
 Stream 2 - based on operating data: NO
 Stream 3 - waste stream code: Not reported
 Stream 3 - trmt method - sequence 1: Not reported
 Stream 3 - trmt method - sequence 2: Not reported
 Stream 3 - trmt method - sequence 3: Not reported
 Stream 3 - trmt method - sequence 4: Not reported
 Stream 3 - trmt method - sequence 5: Not reported
 Stream 3 - trmt method - sequence 6: Not reported
 Stream 3 - trmt method - sequence 7: Not reported
 Stream 3 - trmt method - sequence 8: Not reported
 Stream 3 - based on operating data: Not reported
 Stream 4 - waste stream code: Not reported
 Stream 4 - trmt method - sequence 1: Not reported
 Stream 4 - trmt method - sequence 2: Not reported
 Stream 4 - trmt method - sequence 3: Not reported
 Stream 4 - trmt method - sequence 4: Not reported
 Stream 4 - trmt method - sequence 5: Not reported
 Stream 4 - trmt method - sequence 6: Not reported
 Stream 4 - trmt method - sequence 7: Not reported
 Stream 4 - trmt method - sequence 8: Not reported
 Stream 4 - based on operating data: Not reported
 Stream 5 - waste stream code: Not reported
 Stream 5 - trmt method - sequence 1: Not reported
 Stream 5 - trmt method - sequence 2: Not reported
 Stream 5 - trmt method - sequence 3: Not reported
 Stream 5 - trmt method - sequence 4: Not reported
 Stream 5 - trmt method - sequence 5: Not reported
 Stream 5 - trmt method - sequence 6: Not reported
 Stream 5 - trmt method - sequence 7: Not reported
 Stream 5 - trmt method - sequence 8: Not reported
 Stream 5 - based on operating data: Not reported

Details of Off-site Transfers:
 Cas number: 000100414
 Document control number: 1316216742686

ALOHA PETROLEUM LLC-HILO WEST TERMINAL (Continued)

Off-site limited releases - following year: 0
 Off-site limited releases - 2nd-following year: 0
 Other off-site releases - previous year: 0
 Other off-site releases - current year: 0
 Other off-site releases - following year: 0
 Other off-site releases - 2nd-following year: 0
 Energy recovery on site prior year: 0
 Energy recovery on site current year: 0
 Energy recovery on site following year: 0
 Energy recovery on site 2nd-following year: 0
 Energy recovery off site prior year: 0
 Energy recovery off site current year: 0
 Energy recovery off site following year: 0
 Energy recovery off site 2nd-following year: 0
 Quantity recycled on site prior year: 0
 Quantity recycled on site current year: 0
 Quantity recycled on site following year: 0
 Quantity recycled on site 2nd-following year: 0
 Quantity recycled off site prior year: 0
 Quantity recycled off site current year: 0
 Quantity recycled off site following year: 0
 Quantity recycled off site 2nd-following year: 0
 Quantity treated on site prior year: 105
 Quantity treated on site current year: 101
 Quantity treated on site following year: 101
 Quantity treated on site 2nd-following year: 19
 Quantity treated off site prior year: 11
 Quantity treated off site current year: 11
 Quantity treated off site following year: 11
 Catastrophic releases or other one-time events: Not reported
 Prod ratio/activity index: 95

PRODUCTION
 NA-NA
 1st SR reduction activity: Not reported
 1st SR activity ID meth code and desc 1: Not reported
 1st SR activity ID meth code and desc 2: Not reported
 1st SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 1st source REDN act code and desc: Not reported
 2nd SR activity code and desc: Not reported
 2nd SR activity ID meth code and desc 1: Not reported
 2nd SR activity ID meth code and desc 2: Not reported
 2nd SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 2nd source REDN act code and desc: Not reported
 3rd SR activity code and desc: Not reported
 3rd SR activity ID meth code and desc 1: Not reported
 3rd SR activity ID meth code and desc 2: Not reported
 3rd SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 3rd source REDN act code and desc: Not reported
 4th SR activity code and desc: Not reported
 4th SR activity ID meth code and desc 1: Not reported
 4th SR activity ID meth code and desc 2: Not reported
 4th SR activity ID meth code and desc 3: Not reported
 EST Ann REDN 4th source REDN act code and desc: Not reported

Detailed On-site Waste Treatment Methods and Efficiency:
 Cas number: 000100414
 Document control number: 1316216742686

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Site

1001218488

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued)

Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPRRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No
 TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDFs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSDF Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: 20190131
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Hazardous Waste Summary:
 Waste Code: D000
 Waste Description: Not Defined
 Waste Code: D001
 Waste Description: IGNITABLE WASTE
 Waste Code: D014
 Waste Description: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
 Waste Code: D018
 Waste Description: BENZENE

Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: PAR PETROLEUM CORPORATION
 Legal Status: Private
 Date Became Current: 20130925
 Date Ended Current: Not reported
 Owner/Operator Address: 800 GESSNER ROAD
 Owner/Operator City/State/Zip: HOUSTON, TX 77024
 Owner/Operator Telephone: 281-899-4847
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Site

1001218488

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL

RCRA-VSQG
 Date Form Received by Agency: 20190131
 Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL
 Handler Address: 701 KALANIANA'OLE AVE
 Handler City/State/Zip: HILO, HI 96720
 EPA ID: HIR00000836
 Contact Name: PATRICK IONA
 Contact Address: 1132 BISHOP ST.
 Contact City/State/Zip: HONOLULU, HI 96813
 Contact Telephone: 808-547-3964
 Contact Fax: 808-879-1769
 Contact Email: PIONA@PARPACIFIC.COM
 Contact Title: EH&S MANAGER
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District: Not reported
 State District: Not reported
 Mailing Address: KALANIANA'OLE AVENUE
 Mailing City/State/Zip: HILO, HI 96720
 Owner Name: HONOLULU LTD
 Owner Type: Private
 Operator Name: PAR HAWAII REFINING LLC
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRRA Permit Baseline: Not on the Baseline
 2018 GPRRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

RCRA-VSQG FINDS ECHO

Operator
 PAR PETROLEUM CORPORATION
 Private
 20130925
 Not reported
 800 GESSNER ROAD
 HOUSTON, TX 77024
 281-899-4847
 Not reported
 Not reported

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued) 1001218488

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued) 1001218488

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued) 1001218488

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: HONOLULU LTD

Legal Status: Private

Date Became Current: Not reported

Owner/Operator Address: 3660 WAIALAE AVE

Owner/Operator City, State, Zip: HONOLULU, HI 96816

Owner/Operator Telephone: Not reported

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued) 1001218488

Owner/Operator Telephone: 281-899-4847

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Not reported

Owner/Operator Name: TESORO HAWAII CORP

Legal Status: Private

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: P O BOX 3379

Owner/Operator City, State, Zip: HONOLULU, HI 96842

Owner/Operator Telephone: 808-547-3111

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1980603

Handler Name: TESORO HAWAII HILO TERMINAL NO.1

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: No

Non Storage Recycler Activity: Not reported

Electronic Manifest Broker: Not reported

Receive Date: 20140804

Handler Name: HAWAII INDEPENDENT ENERGY - HILO NO. 1

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: No

Non Storage Recycler Activity: Not reported

Electronic Manifest Broker: Not reported

Receive Date: 20190103

Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: No

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

1001218488

EDR ID Number
EPA ID Number

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued)

Receive Date: 20190131
Handler Name: PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Spent Lead Acid Battery Importer: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions: 42471
NAICS Code: PETROLEUM BULK STATIONS AND TERMINALS
NAICS Description:

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20110302
Return to Compliance Date: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110711
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued)

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20110711
Return to Compliance Date: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110711
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20110302
Evaluation Responsible Agency: State
Found Violation: Yes

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: TBRAN

Actual Return to Compliance Date: 20110818

Date of Request: Not reported

Date Response Received: Not reported

Former Citation: Not reported

Evaluation Date: 20110302

Evaluation Responsible Agency: State

Found Violation: Yes

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: TBRAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL (Continued)

1001218488

TESORO HAWAII CORPORATION, TERMINAL DEPARTMENT-701 KALANIANA'OLE (Continued)

S108008630

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110818
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Supplemental Location: Not reported
Island: Hawaii
Environmental Interest: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Program: State
Project Manager: Not reported
Hazard Priority: Not reported
Potential Hazards And Controls: Not reported
Island: Hawaii
SDAR Environmental Interest Name: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
HEER Office
Potential Hazard And Controls: Not reported
Priority: Not reported
Assessment: Not reported
Response: Not reported
Nature of Contamination: Not reported
Use Restrictions: Not reported
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Area-wide Contamination: Not reported
Site Closure Type: Not reported
Document Date: Not reported
Document Number: Not reported
Document Subject: Not reported
Project Manager: Not reported
Contract Information: Not reported
Facility ID: 57
Location Description: 701 Kalaniana'ole Ave
Is Public: The
Update On: 2019-05-30 20:35:41
Latitude: 19.727859
Longitude: -155.054772

FINDS:
Registry ID: 110013773489

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include: Incident Tracking, Compliance Assistance, and Compliance Monitoring.
[Click this hypertext link while viewing on your computer to access additional FINDS: detail in the EDR Site Report.](#)

ECHO:

EnvId: 1001218488
Registry ID: 110013773489
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013773489>
Name: PAR HAWAII REFINING, LLC - HILO NO. 1 TERMINAL
Address: 701 KALANIANA'OLE HIGHWAY
City,State,Zip: HILO, HI 96720

**G45
SW
701 KALANIANA'OLE AVE
HILO, HI 96720**

HI SHWS S108008630
N/A

FINDS 1016157515
FUELS PROGRAM N/A

Site 2 of 5 in cluster G
SHWS:
Name:
Address:
City,State,Zip:

TESORO HAWAII CORPORATION, TERMINAL DEPARTMENT-701 KALANIANA'OLE
HILO, HI 96720

Environmental Interest/Information System:
GASOLINE AND DIESEL PRODUCERS
[Click this hypertext link while viewing on your computer to access additional FINDS: detail in the EDR Site Report.](#)

FINDS PROGRAM:
Name: HILO TERMINAL
Address: 701 KALANIANA'OLE AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILO TERMINAL (Continued)

Address 2: Not reported
 City/State/Zip: HILO, HI 96720
 Program Type: Par179, Gasoline, Diesel, Renewable Fuel Standard
 Company Seq. ID: 6525
 Business Activity: Pipeline/Pass-Through Terminal, Truck Loading Terminal/Locomotive
 Marker Facility, Renewable Fuels Exporter
 Par Pacific Holdings, Inc.
 800 Gessner Road
 Suite 875
 Houston, TX 77024

Company Name: 81543
 Company Address: Diesel/Biodiesel
 Truck Loading Terminal/Locomotive Marker Facility

Facility ID: Not reported
 Facility Type: Yes
 Subject to 80,140.3: Yes
 Fuel Only For Off Road: Not reported
 D Code: Not reported
 OTAQ Program ID: OTAQREG10031771

HILO TERMINAL

Name: HILO TERMINAL
 Address: 701 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Program Type: Renewable Fuel Standard, Diesel, Gasoline
 Business Activity: RIN Owner Only (Blenders, Marketers, Traders), Mobile Facility,
 Non-Renewable Fuels Importer, Importer - ECA Marine Fuel, PADD
 Importer, Truck Loading Terminal/Locomotive Marker Facility,
 Pipeline/Pass-Through Terminal, ECA Marine Fuel Refiner,
 ECA Marine Fuel Refiner
 Hawaii Independent Energy LLC
 Suite 875
 Houston, TX 77024

Company Name: 81543
 Company Address: Diesel/Biodiesel
 Truck Loading Terminal/Locomotive Marker Facility

Facility ID: Not reported
 Facility Type: Yes
 Subject to 80,140.3: Yes
 Fuel Only For Off Road: Not reported
 D Code: Not reported
 OTAQ Program ID: OTAQREG10031771

Site 4 of 6 in cluster G

Year: 2007
 Name: TESORO HAWAII CORPORATION
 2008 TESORO HAWAII CORPORATION
 2009 TESORO HAWAII CORPORATION
 2010 TESORO HAWAII CORPORATION

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

Site 15 of 15 in cluster A

Year: 2011
 Name: TESORO HAWAII CORPORATION
 2012 TESORO HAWAII CORPORATION
 2013 HAWAII INDEPENDENT ENERGY,LLC
 2014 HAWAII INDEPENDENT ENERGY,LLC

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

Site 4 of 6 in cluster G

Year: 2007
 Name: TESORO HAWAII CORPORATION
 2008 TESORO HAWAII CORPORATION
 2009 TESORO HAWAII CORPORATION
 2010 TESORO HAWAII CORPORATION

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

Site 15 of 15 in cluster A

Year: 2011
 Name: TESORO HAWAII CORPORATION
 2012 TESORO HAWAII CORPORATION
 2013 HAWAII INDEPENDENT ENERGY,LLC
 2014 HAWAII INDEPENDENT ENERGY,LLC

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

KTADAVIES PROPERTY

Name: KTADAVIES PROPERTY
 Address: 600 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Hawaii
 Island: Not reported
 Environmental Interest: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: Not reported
 Program: Not reported
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Priority: Not reported
 Potential Hazard And Controls: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 1466
 Location Description: 600 Kalani'ana'ole Ave, Hilo, HI 96720
 Is Public: True
 Update On: 2024-08-19 16:03:29
 Latitude: 19.725917
 Longitude: -155.066215

TESORO HAWAII CORPORATION

Name: TESORO HAWAII CORPORATION
 Address: 600 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720

Facility ID: Not reported
 Facility Type: Not reported
 Subject to 80,140.3: Not reported
 Fuel Only For Off Road: Not reported
 D Code: Not reported
 OTAQ Program ID: Not reported

Site 4 of 6 in cluster G

Year: 2007
 Name: TESORO HAWAII CORPORATION
 2008 TESORO HAWAII CORPORATION
 2009 TESORO HAWAII CORPORATION
 2010 TESORO HAWAII CORPORATION

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

Site 15 of 15 in cluster A

Year: 2011
 Name: TESORO HAWAII CORPORATION
 2012 TESORO HAWAII CORPORATION
 2013 HAWAII INDEPENDENT ENERGY,LLC
 2014 HAWAII INDEPENDENT ENERGY,LLC

Type: Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

KTADAVIES PROPERTY

Name: KTADAVIES PROPERTY
 Address: 600 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Hawaii
 Island: Not reported
 Environmental Interest: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: Not reported
 Program: Not reported
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Priority: Not reported
 Potential Hazard And Controls: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 1466
 Location Description: 600 Kalani'ana'ole Ave, Hilo, HI 96720
 Is Public: True
 Update On: 2024-08-19 16:03:29
 Latitude: 19.725917
 Longitude: -155.066215

ARMOUR OIL HAWAII LTD*
700 KALANIANA'OLE
HILO, HI 96720
Site 8 of 8 in cluster E
 EDR Hist Auto
 Relative: Higher
 Distance: < 1/8
 Elevation: 0.057 mi.
 Actual: 303 ft.
 Year: Name:
 1878 ARMOUR OIL HAWAII LTD*
 1879 ARMOUR OIL HAWAII LTD*
 1880 ARMOUR OIL HAWAII LTD*
 1882 ARMOUR OIL HAWAII LTD*
 1883 ARMOUR OIL HAWAII LTD*
 1885 ARMOUR OIL HAWAII LTD*
 Type:
 Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations
 Gasoline Service Stations

G50
SSW
< 1/8
0.064 mi.
337 ft.
 Relative: Higher
 Distance: < 1/8
 Elevation: 0.064 mi.
 Actual: 10 ft.
 Date Form Received by Agency: ENDO PAINTING
 Handler Name:
 Handler Address:
 Handler City/State/Zip:
 EPA ID:
 Contact Name:
 Contact Address:
 Contact City/State/Zip:
 Contact Telephone:
 Contact Fax:
 Contact Email:
 Contact Title:
 EPA Region:
 Land Type:
 Federal Waste Generator Description:
 Non-Notifier:
 Biennial Report Cycle:
 Accessibility:
 Active Site Indicator:
 State District Owner:
 State District:
 Mailing Address:
 Mailing City/State/Zip:
 Owner Name:
 Operator Name:
 Operator Type:
 Short-Term Generator Activity:
 Importer Activity:
 Mixed Waste Generator:
 Transporter Activity:
 Transfer Facility Activity:
 Recycler Activity With Storage:
 Small Quantity On-Site Burner Exemption:
 Smelting Melting and Refining Furnace Exemption:
 Underground Injection Control:
 Off-Site Waste Receipt:

RCRA-VSQG
Site 5 of 5 in cluster G
 20200302
 45 SILVA ST
 HILO, HI 96720
 HIR000135673
 KELLY ENDO
 45 SILVA ST
 HILO, HI 96720
 808-835-6962
 Not reported
 Not reported
 09
 Private
 Conditionally Exempt Small Quantity Generator
 Not reported
 Not reported
 Not reported
 Not reported
 Not reported
 Not reported
 45 SILVA ST
 HILO, HI 96720
 HARRY ENDO
 Private
 KELLY ENDO
 Private
 No
 No
 No
 No
 No
 No
 No
 No
 No
 No
 No

RCRA-VSQG **1007370444**
CA HAZNET **HIR000135673**
 Universal Waste Indicator: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: N
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: No
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPA Permit Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not on the Baseline
 Permit Workload Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSD's Where RCRA CA has Been Imposed Universe: No
 TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSD's Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: Not reported
 Operating TSD Universe: Not reported
 Full Enforcement Universe: No
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: Not reported
 Financial Assurance Required: 20200302
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

RCRA-VSQG **1007370444**
CA HAZNET **HIR000135673**
 Hazardous Waste Summary:
 Waste Code: D001
 Waste Description: IGNITABLE WASTE
 Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: KELLY ENDO
 Legal Status: Private
 Date Became Current: 20000112

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

ENDO PAINTING (Continued)

1007370444

1007370444

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Enforcement Identifier: Not reported
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: 07-HW-EA-04
Enforcement Docket Number: WHIARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: INITIAL 3008(A)
Enforcement Type: COMPLIANCE
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: 20080227
Enforcement Responsible Agency: 07-HW-EA-04
Enforcement Docket Number: WHIARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Disposition Status Date: 20080307
Disposition Status: AS

ENDO PAINTING (Continued)

1007370444

Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: COMPLIANCE ORDER
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: 20040528
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

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ENDO PAINTING (Continued)

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

ENDO PAINTING (Continued)

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Container Use and Management
 Date Violation was Determined: 20060918
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060918
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

ENDO PAINTING (Continued)

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20060918
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported

ENDO PAINTING (Continued)

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: COMPLIANCE ORDER
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: COMPLIANCE
Return to Compliance Sub-Organization: INITIAL 3008(A)
Enforcement Responsible Person: Not reported
Enforcement Responsible Agency: TBRAN
Enforcement Docket Number: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20080918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: COMPLIANCE
Return to Compliance Sub-Organization: INITIAL 3008(A)
Enforcement Responsible Person: TBRAN
Enforcement Responsible Agency: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported
Return to Compliance Sub-Organization: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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ENDO PAINTING (Continued)

Found Violation: Not reported
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A)
Enforcement Responsible Person: COMPLIANCE
Enforcement Responsible Sub-Organization: TBRAN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: ACTION SATISFIED (CASE CLOSED)
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: TBRAN
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: COMPLIANCE ORDER
Enforcement Responsible Person: FINAL 3008(A)
Enforcement Responsible Sub-Organization: TBRAN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: COMPLIANCE ORDER
Enforcement Responsible Person: FINAL 3008(A)
Enforcement Responsible Sub-Organization: TBRAN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	Not reported
Date Violation was Determined:	20100903	Enforcement Responsible Person:	Not reported
Actual Return to Compliance Date:	20101027	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20100903	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	SEP Type Description:	Not reported
Enforcement Docket Number:	Not reported	Proposed Amount:	Not reported
Enforcement Attorney:	Not reported	Final Monetary Amount:	Not reported
Corrective Action Component:	No	Paid Amount:	Not reported
Appeal Initiated Date:	Not reported	Final Count:	Not reported
Appeal Resolution Date:	Not reported		
Disposition Status Date:	Not reported		
Disposition Status:	Not reported		
Disposition Status Description:	Not reported		
Consent/Final Order Sequence Number:	Not reported		
Consent/Final Order Respondent Name:	Not reported		
Consent/Final Order Lead Agency:	WRITTEN INFORMAL		
Enforcement Type:	Not reported		
Enforcement Responsible Person:	Not reported		
SEP Sequence Number:	Not reported		
SEP Expenditure Amount:	Not reported		
SEP Scheduled Completion Date:	Not reported		
SEP Actual Date:	Not reported		
SEP Delaunted Date:	Not reported		
SEP Type:	Not reported		
SEP Type Description:	Not reported		
Proposed Amount:	Not reported		
Final Monetary Amount:	Not reported		
Paid Amount:	Not reported		
Final Count:	Not reported		
Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	Not reported
Date Violation was Determined:	20060918	Enforcement Responsible Person:	Not reported
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20060918	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	SEP Type Description:	Not reported
Enforcement Docket Number:	Not reported	Proposed Amount:	Not reported
Enforcement Attorney:	Not reported	Final Monetary Amount:	Not reported
Corrective Action Component:	No	Paid Amount:	Not reported
Appeal Initiated Date:	Not reported	Final Count:	Not reported
Appeal Resolution Date:	Not reported		
Disposition Status Date:	Not reported		
Disposition Status:	Not reported		
Disposition Status Description:	Not reported		
Consent/Final Order Sequence Number:	Not reported		
Consent/Final Order Respondent Name:	Not reported		
Consent/Final Order Lead Agency:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION		
Enforcement Type:	Not reported		
Enforcement Responsible Person:	Not reported		
SEP Sequence Number:	Not reported		
SEP Expenditure Amount:	Not reported		
SEP Scheduled Completion Date:	Not reported		
SEP Actual Date:	Not reported		
SEP Delaunted Date:	Not reported		
SEP Type:	Not reported		
SEP Type Description:	Not reported		
Proposed Amount:	Not reported		
Final Monetary Amount:	Not reported		
Paid Amount:	Not reported		
Final Count:	Not reported		

ENDO PAINTING (Continued)

Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Type: TBRAN

Enforcement Responsible Person: Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported

SEP Actual Date: Not reported

SEP Delaunted Date: Not reported

SEP Type: Not reported

Proposed Amount: Not reported

Final Monetary Amount: Not reported

Paid Amount: Not reported

Final Count: Not reported

Final Amount: Not reported

Found Violation: Yes

Agency Which Determined Violation: State

Violation Short Description: TSD IS-Preparedness and Prevention

Date Violation was Determined: 20040528

Actual Return to Compliance Date: 20080228

Return to Compliance Qualifier: Documented

Violation Responsible Agency: State

Scheduled Compliance Date: Not reported

Enforcement Identifier: 001

Date of Enforcement Action: 20080227

Enforcement Responsible Agency: 07-HW-EA-04

Enforcement Docket Number: WHARG

Enforcement Attorney: No

Corrective Action Component: Not reported

Appeal Initiated Date: Not reported

Appeal Resolution Date: Not reported

Disposition Status Date: 20080307

Disposition Status: AS

Disposition Status Description: ACTION SATISFIED (CASE CLOSED)

Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER

Enforcement Responsible Person: Not reported

Enforcement Responsible Sub-Organization: TBRAN

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported

SEP Actual Date: Not reported

SEP Delaunted Date: Not reported

SEP Type: Not reported

Proposed Amount: 32000

Final Monetary Amount: 32000

Paid Amount: Not reported

Final Count: Not reported

Final Amount: Not reported

Found Violation: Yes

Agency Which Determined Violation: State

Violation Short Description: Generators - Pre-transport

Date Violation was Determined: 20080918

Actual Return to Compliance Date: 20080228

Return to Compliance Qualifier: Documented

Violation Responsible Agency: State

Scheduled Compliance Date: Not reported

Enforcement Identifier: 001

Date of Enforcement Action: 20080918

Enforcement Responsible Agency: State

Enforcement Docket Number: Not reported

Enforcement Attorney: No

Corrective Action Component: Not reported

Appeal Initiated Date: Not reported

Appeal Resolution Date: Not reported

Disposition Status Date: Not reported

Disposition Status: Not reported

Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: WRITTEN INFORMAL

Enforcement Type: TBRAN

Enforcement Responsible Person: Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported

SEP Actual Date: Not reported

SEP Delaunted Date: Not reported

SEP Type: Not reported

Proposed Amount: Not reported

Final Monetary Amount: Not reported

Paid Amount: Not reported

Final Count: Not reported

Final Amount: Not reported

Found Violation: Yes

Agency Which Determined Violation: State

Violation Short Description: TSD IS-Preparedness and Prevention

Date Violation was Determined: 20040528

Actual Return to Compliance Date: 20080228

Return to Compliance Qualifier: Documented

Violation Responsible Agency: State

Scheduled Compliance Date: Not reported

Enforcement Identifier: 001

Date of Enforcement Action: 20040528

Enforcement Responsible Agency: State

Enforcement Docket Number: Not reported

Enforcement Attorney: No

Corrective Action Component: Not reported

Appeal Initiated Date: Not reported

Appeal Resolution Date: Not reported

Disposition Status Date: Not reported

Disposition Status: Not reported

Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: WRITTEN INFORMAL

Enforcement Type: TBRAN

Enforcement Responsible Person: Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported

SEP Actual Date: Not reported

SEP Delaunted Date: Not reported

SEP Type: Not reported

Proposed Amount: Not reported

Final Monetary Amount: Not reported

Paid Amount: Not reported

Final Count: Not reported

Final Amount: Not reported

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ENDO PAINTING (Continued)

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	WRITTEN INFORMAL
Date Violation was Determined:	20060918	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Scheduled Completion Date:	Not reported
Violation Responsible Agency:	Slate	SEP Actual Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Delaunted Date:	Not reported
Enforcement Identifier:	001	SEP Type:	Not reported
Date of Enforcement Action:	20070724	Proposed Amount:	Not reported
Enforcement Responsible Agency:	Slate	Final Monetary Amount:	Not reported
Enforcement Docket Number:	07-HW-EA-04	Paid Amount:	Not reported
Enforcement Attorney:	WHARG	Final Count:	Not reported
Corrective Action Component:	No	Final Amount:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	Generators - Pre-transport
Disposition Status:	Not reported	Date Violation was Determined:	20060918
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Sequence Number:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Respondent Name:	Not reported	Violation Responsible Agency:	Slate
Consent/Final Order Lead Agency:	INITIAL 3008(A)	Scheduled Compliance Date:	Not reported
Enforcement Type:	COMPLIANCE	Enforcement Identifier:	001
Enforcement Responsible Person:	TBRAN	Date of Enforcement Action:	20070724
Enforcement Responsible Sub-Organization:	Not reported	Enforcement Responsible Agency:	Slate
SEP Sequence Number:	Not reported	Enforcement Docket Number:	07-HW-EA-04
SEP Scheduled Completion Date:	Not reported	Enforcement Attorney:	WHARG
SEP Expenditure Amount:	Not reported	Corrective Action Component:	No
SEP Actual Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Delaunted Date:	Not reported	Appeal Resolution Date:	Not reported
SEP Type:	Not reported	Disposition Status Date:	Not reported
Proposed Amount:	Not reported	Disposition Status:	Not reported
Final Monetary Amount:	Not reported	Disposition Status Description:	Not reported
Paid Amount:	Not reported	Consent/Final Order Sequence Number:	Not reported
Final Count:	Not reported	Consent/Final Order Respondent Name:	Not reported
Final Amount:	Not reported	Consent/Final Order Lead Agency:	INITIAL 3008(A)
Found Violation:	Yes	Enforcement Type:	COMPLIANCE
Agency Which Determined Violation:	Slate	Enforcement Responsible Person:	TBRAN
Violation Short Description:	Permis - General Information	Enforcement Responsible Sub-Organization:	Not reported
Date Violation was Determined:	20100903	SEP Sequence Number:	Not reported
Actual Return to Compliance Date:	20101027	SEP Scheduled Completion Date:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Actual Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Delaunted Date:	Not reported
Enforcement Identifier:	001	SEP Type:	Not reported
Date of Enforcement Action:	20100903	Proposed Amount:	Not reported
Enforcement Responsible Agency:	Slate	Final Monetary Amount:	Not reported
Enforcement Docket Number:	Not reported	Paid Amount:	Not reported
Enforcement Attorney:	Not reported	Final Count:	Not reported
Corrective Action Component:	No	Final Amount:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	Permis - General Information
Disposition Status:	Not reported	Date Violation was Determined:	20100903
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20101027

Site	Database(s)	EPA ID Number	EPA ID Number
1007370444		1007370444	1007370444
ENDO PAINTING (Continued)			
Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Preparedness and Prevention	Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Date Violation was Determined:	20060918	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20070724	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	Proposed Amount:	32000
Enforcement Docket Number:	07-HW-EA-04	Final Monetary Amount:	32000
Enforcement Attorney:	WHARG	Paid Amount:	Not reported
Corrective Action Component:	No	Final Count:	Not reported
Appeal Initiated Date:	Not reported	Final Amount:	Not reported
Appeal Resolution Date:	Not reported	Found Violation:	Yes
Disposition Status Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status:	Not reported	Violation Short Description:	TSD IS-Preparedness and Prevention
Disposition Status Description:	Not reported	Date Violation was Determined:	20060918
Consent/Final Order Sequence Number:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Respondent Name:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Lead Agency:	INITIAL 3008(A)	Violation Responsible Agency:	Slate
Enforcement Type:	COMPLIANCE	Scheduled Compliance Date:	Not reported
Enforcement Responsible Person:	TBRAN	Enforcement Identifier:	001
Enforcement Responsible Sub-Organization:	Not reported	Date of Enforcement Action:	20070724
SEP Sequence Number:	Not reported	Enforcement Responsible Agency:	Slate
SEP Expenditure Amount:	Not reported	Enforcement Docket Number:	07-HW-EA-04
SEP Scheduled Completion Date:	Not reported	Enforcement Attorney:	WHARG
SEP Actual Date:	Not reported	Corrective Action Component:	No
SEP Delaunted Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Type:	Not reported	Appeal Resolution Date:	Not reported
Proposed Amount:	Not reported	Disposition Status Date:	Not reported
Final Monetary Amount:	Not reported	Disposition Status:	Not reported
Paid Amount:	Not reported	Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Final Count:	Not reported		
Final Amount:	Not reported		
Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Preparedness and Prevention	Enforcement Type:	INITIAL 3008(A)
Date Violation was Determined:	20040525	Enforcement Responsible Person:	Not reported
Actual Return to Compliance Date:	20080228	Enforcement Responsible Sub-Organization:	Not reported
Return to Compliance Qualifier:	Documented	SEP Sequence Number:	Not reported
Violation Responsible Agency:	Slate	SEP Expenditure Amount:	Not reported
Scheduled Compliance Date:	Not reported	SEP Scheduled Completion Date:	Not reported
Enforcement Identifier:	001	SEP Actual Date:	Not reported
Date of Enforcement Action:	20080227	SEP Delaunted Date:	Not reported
Enforcement Responsible Agency:	Slate	SEP Type:	Not reported
Enforcement Docket Number:	07-HW-EA-04	Proposed Amount:	Not reported
Enforcement Attorney:	WHARG	Final Monetary Amount:	Not reported
Corrective Action Component:	No	Paid Amount:	Not reported
Appeal Initiated Date:	Not reported	Final Count:	Not reported
Appeal Resolution Date:	Not reported	Final Amount:	Not reported
Disposition Status Date:	20080307	Found Violation:	Yes
Disposition Status:	AS	Agency Which Determined Violation:	Slate
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)	Violation Short Description:	TSD IS-Preparedness and Prevention
		Date Violation was Determined:	20040525
		Actual Return to Compliance Date:	20080228
		Return to Compliance Qualifier:	Documented
		Violation Responsible Agency:	Slate
		Scheduled Compliance Date:	Not reported
		Enforcement Identifier:	001
		Date of Enforcement Action:	20080227
		Enforcement Responsible Agency:	Slate
		Enforcement Docket Number:	07-HW-EA-04
		Enforcement Attorney:	WHARG
		Corrective Action Component:	No
		Appeal Initiated Date:	Not reported
		Appeal Resolution Date:	Not reported
		Disposition Status Date:	20080307
		Disposition Status:	AS
		Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)

Map ID
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Database(s)

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ENDO PAINTING (Continued)

1007370444

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20040525
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040528
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Preparedness and Prevention
 Date Violation was Determined: 20040525
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20070724
 Enforcement Responsible Agency: State
 Enforcement Docket Number: 07-HW-EA-04
 Enforcement Attorney: WHARG
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation



EDR ID Number
EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: INITIAL 3008(A)
 Enforcement Type: COMPLIANCE
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20100903
 Actual Return to Compliance Date: 20101027
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20100903
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Map ID
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MAP FINDINGS

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EDR ID Number

ENDO PAINTING (Continued)

1007370444

Found Violation: Yes
 Agency Which Determined Violation: Slate
 Violation Short Description: TSD IS-Container Use and Management
 Date Violation was Determined: 20040525
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: Slate
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040528
 Enforcement Responsible Agency: Slate
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: Slate
 Violation Short Description: TSD IS-Container Use and Management
 Date Violation was Determined: 20040525
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: Slate
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20070724
 Enforcement Responsible Agency: Slate
 Enforcement Docket Number: 07-HW-EA-04
 Enforcement Attorney: WHARG
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

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Elevation
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EDR ID Number

ENDO PAINTING (Continued)

1007370444

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: INITIAL 3008(A)
 Enforcement Type: COMPLIANCE
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: Slate
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20040525
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: Slate
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040528
 Enforcement Responsible Agency: Slate
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Map ID
Direction
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MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

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Map ID
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MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

ENDO PAINTING (Continued)

1007370444

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency Date: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Lead Agency: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency Date: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency Date: State
Scheduled Compliance Date: Not reported
SEP Sequence Number: 001
SEP Expenditure Amount: 20080227
SEP Scheduled Completion Date: State
SEP Actual Date: 07-HW-EA-04
SEP Defaulted Date: WHARG
SEP Type: No
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: 20080307
Final Count: AS
Final Amount: ACTION SATISFIED (CASE CLOSED)

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

ENDO PAINTING (Continued)

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TBRAN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Delaunted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	Slate
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2006/09/18
Actual Return to Compliance Date:	2008/02/28
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	Slate
Scheduled Completion Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006/09/18
Enforcement Responsible Agency:	Slate
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Enforcement Type:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person:	TBRAN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Delaunted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

ENDO PAINTING (Continued)

Found Violation:	Yes
Agency Which Determined Violation:	Slate
Violation Short Description:	Generators - General
Date Violation was Determined:	20/00/903
Actual Return to Compliance Date:	20/01/027
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	Slate
Scheduled Completion Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20/00/903
Enforcement Responsible Agency:	Slate
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Delaunted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	Slate
Violation Short Description:	Generators - General
Date Violation was Determined:	20/00/903
Actual Return to Compliance Date:	20/01/027
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	Slate
Scheduled Completion Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20/00/903
Enforcement Responsible Agency:	Slate
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

1007370444

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: INITIAL 3008(A)
Enforcement Type: COMPLIANCE
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080227
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)

ENDO PAINTING (Continued)

1007370444

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

EPA ID Number
EPA ID Number

Database(s)

Site

MAP FINDINGS

Map ID
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Distance
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EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

ENDO PAINTING (Continued)

1007370444

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	Not reported
Date Violation was Determined:	20060918	Enforcement Responsible Person:	Not reported
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20060918	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	Proposed Amount:	Not reported
Enforcement Docket Number:	Not reported	Final Monetary Amount:	Not reported
Enforcement Attorney:	Not reported	Paid Amount:	Not reported
Corrective Action Component:	No	Final Count:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	Permits - General Information
Disposition Status:	Not reported	Date Violation was Determined:	20040525
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Sequence Number:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Respondent Name:	Not reported	Violation Responsible Agency:	Slate
LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION		Scheduled Compliance Date:	Not reported
Consent/Final Order Lead Agency:	TBRAN	Enforcement Identifier:	001
Enforcement Type:	Not reported	SEP Sequence Number:	20080227
Enforcement Responsible Person:	Not reported	SEP Expenditure Amount:	Not reported
Enforcement Responsible Sub-Organization:	Not reported	SEP Scheduled Completion Date:	Not reported
SEP Sequence Number:	Not reported	SEP Actual Date:	Not reported
SEP Expenditure Amount:	Not reported	SEP Delaunted Date:	Not reported
SEP Scheduled Completion Date:	Not reported	SEP Type:	Not reported
SEP Actual Date:	Not reported	Proposed Amount:	Not reported
SEP Delaunted Date:	Not reported	Final Monetary Amount:	Not reported
SEP Type:	Not reported	Paid Amount:	Not reported
Proposed Amount:	Not reported	Final Count:	Not reported
Final Monetary Amount:	Not reported	Found Violation:	Yes
Paid Amount:	Not reported	Agency Which Determined Violation:	Slate
Final Count:	Not reported	Violation Short Description:	Generators - Pre-transport
		Date Violation was Determined:	20060918
		Actual Return to Compliance Date:	20080228
		Return to Compliance Qualifier:	Documented
		Violation Responsible Agency:	Slate
		Scheduled Compliance Date:	Not reported
		Enforcement Identifier:	Not reported
		Date of Enforcement Action:	Not reported
		Enforcement Responsible Agency:	Not reported
		Enforcement Docket Number:	Not reported
		Enforcement Attorney:	Not reported
		Corrective Action Component:	Not reported
		Appeal Initiated Date:	Not reported
		Appeal Resolution Date:	Not reported
		Disposition Status Date:	Not reported
		Disposition Status:	Not reported
		Disposition Status Description:	Not reported

ENDO PAINTING (Continued)

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Preparedness and Prevention	Enforcement Type:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Date Violation was Determined:	20040525	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20080227	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	Proposed Amount:	Not reported
Enforcement Docket Number:	07-HW-EA-04	Final Monetary Amount:	Not reported
Enforcement Attorney:	WHARG	Paid Amount:	Not reported
Corrective Action Component:	No	Final Count:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	TSD IS-Preparedness and Prevention
Disposition Status:	AS	Date Violation was Determined:	20060918
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)	Actual Return to Compliance Date:	20080228
Consent/Final Order Sequence Number:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Respondent Name:	Not reported	Violation Responsible Agency:	Slate
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER	Scheduled Compliance Date:	Not reported
Enforcement Responsible Person:	FINAL 3008(A) COMPLIANCE ORDER	Enforcement Identifier:	001
Enforcement Responsible Sub-Organization:	TBRAN	Date of Enforcement Action:	20080227
SEP Sequence Number:	Not reported	Enforcement Responsible Agency:	Slate
SEP Expenditure Amount:	Not reported	Enforcement Docket Number:	07-HW-EA-04
SEP Scheduled Completion Date:	Not reported	Enforcement Attorney:	WHARG
SEP Actual Date:	Not reported	Corrective Action Component:	No
SEP Delaunted Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Type:	Not reported	Appeal Resolution Date:	Not reported
Proposed Amount:	32000	Disposition Status Date:	Not reported
Final Monetary Amount:	32000	Disposition Status:	AS
Paid Amount:	Not reported	Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Final Count:	Not reported	Consent/Final Order Sequence Number:	Not reported
Final Amount:	Not reported	Consent/Final Order Respondent Name:	Not reported
Found Violation:	Yes	Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Agency Which Determined Violation:	Slate	Enforcement Responsible Person:	FINAL 3008(A) COMPLIANCE ORDER
Violation Short Description:	TSD IS-Preparedness and Prevention	Enforcement Responsible Sub-Organization:	TBRAN
Date Violation was Determined:	20080918	SEP Sequence Number:	Not reported
Actual Return to Compliance Date:	20080228	SEP Expenditure Amount:	Not reported
Return to Compliance Qualifier:	Documented	SEP Scheduled Completion Date:	Not reported
Violation Responsible Agency:	Slate	SEP Actual Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Delaunted Date:	Not reported
Enforcement Identifier:	001	SEP Type:	Not reported
Date of Enforcement Action:	20080918	Proposed Amount:	Not reported
Enforcement Responsible Agency:	Slate	Final Monetary Amount:	Not reported
Enforcement Docket Number:	Not reported	Paid Amount:	Not reported
Enforcement Attorney:	Not reported	Final Count:	Not reported
Corrective Action Component:	No	Final Amount:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	TSD IS-Preparedness and Prevention
Disposition Status:	Not reported	Date Violation was Determined:	20080918
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20080228

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ENDO PAINTING (Continued)

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Date Violation was Determined:	20040525	Enforcement Responsible Sub-Organization:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20070724	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	Proposed Amount:	32000
Enforcement Docket Number:	07-HW-EA-04	Final Monetary Amount:	32000
Enforcement Attorney:	WHARG	Paid Amount:	Not reported
Corrective Action Component:	No	Final Count:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	TSD IS-Container Use and Management
Disposition Status:	Not reported	Date Violation was Determined:	20060918
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Sequence Number:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Respondent Name:	Not reported	Violation Responsible Agency:	Slate
Consent/Final Order Lead Agency:	INITIAL 3008(A) COMPLIANCE	Scheduled Completion Date:	Not reported
Enforcement Type:	COMPLIANCE	SEP Sequence Number:	Not reported
Enforcement Responsible Person:	Not reported	SEP Expenditure Amount:	Not reported
Enforcement Responsible Sub-Organization:	Not reported	SEP Scheduled Completion Date:	Not reported
SEP Sequence Number:	Not reported	SEP Actual Date:	Not reported
SEP Expenditure Amount:	Not reported	SEP Delaunted Date:	Not reported
SEP Scheduled Completion Date:	Not reported	SEP Type:	Not reported
SEP Actual Date:	Not reported	Proposed Amount:	Not reported
SEP Delaunted Date:	Not reported	Final Monetary Amount:	Not reported
SEP Type:	Not reported	Paid Amount:	Not reported
Proposed Amount:	Not reported	Final Count:	Not reported
Final Monetary Amount:	Not reported	Found Violation:	Yes
Paid Amount:	Not reported	Agency Which Determined Violation:	Slate
Final Count:	Not reported	Violation Short Description:	TSD IS-Container Use and Management
Found Violation:	Yes	Date Violation was Determined:	20080918
Agency Which Determined Violation:	Slate	Actual Return to Compliance Date:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Return to Compliance Qualifier:	Documented
Date Violation was Determined:	20080918	Violation Responsible Agency:	Slate
Actual Return to Compliance Date:	Not reported	Scheduled Compliance Date:	001
Return to Compliance Qualifier:	Documented	Enforcement Identifier:	20080227
Violation Responsible Agency:	Slate	Date of Enforcement Action:	Slate
Scheduled Compliance Date:	001	Enforcement Docket Number:	07-HW-EA-04
Enforcement Identifier:	20080227	Enforcement Attorney:	WHARG
Date of Enforcement Action:	Slate	Corrective Action Component:	No
Enforcement Responsible Agency:	07-HW-EA-04	Appeal Initiated Date:	Not reported
Enforcement Docket Number:	WHARG	Appeal Resolution Date:	Not reported
Enforcement Attorney:	No	Disposition Status Date:	20080307
Corrective Action Component:	Not reported	Disposition Status:	AS
Appeal Initiated Date:	Not reported	Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Appeal Resolution Date:	Not reported		
Disposition Status Date:	20080307		
Disposition Status:	AS		
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)		

Site	Database(s)	EDR ID Number	EPA ID Number
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ENDO PAINTING (Continued)			
Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Date Violation was Determined:	20060918	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	Enforcement Responsible Sub-Organization:	Not reported
Return to Compliance Qualifier:	Documented	SEP Sequence Number:	Not reported
Violation Responsible Agency:	Slate	SEP Expenditure Amount:	Not reported
Scheduled Compliance Date:	Not reported	SEP Scheduled Completion Date:	Not reported
Enforcement Identifier:	001	SEP Actual Date:	Not reported
Date of Enforcement Action:	20080227	SEP Delaunted Date:	Not reported
Enforcement Responsible Agency:	Slate	SEP Type:	Not reported
Enforcement Docket Number:	07-HW-EA-04	Proposed Amount:	Not reported
Enforcement Attorney:	WHARG	Final Monetary Amount:	Not reported
Corrective Action Component:	No	Paid Amount:	Not reported
Appeal Initiated Date:	Not reported	Final Count:	Not reported
Appeal Resolution Date:	Not reported	Found Violation:	Yes
Disposition Status Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status:	AS	Violation Short Description:	Generators - Pre-transport
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)	Date Violation was Determined:	20060918
Consent/Final Order Sequence Number:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Respondent Name:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Lead Agency:	FINAL 3008(A) COMPLIANCE ORDER	Violation Responsible Agency:	Slate
Enforcement Type:	TBRAN	Scheduled Compliance Date:	Not reported
Enforcement Responsible Person:	Not reported	Enforcement Identifier:	001
Enforcement Responsible Sub-Organization:	Not reported	Date of Enforcement Action:	20070724
SEP Sequence Number:	Not reported	Enforcement Responsible Agency:	Slate
SEP Expenditure Amount:	Not reported	Enforcement Docket Number:	07-HW-EA-04
SEP Scheduled Completion Date:	Not reported	Enforcement Attorney:	WHARG
SEP Actual Date:	Not reported	Corrective Action Component:	No
SEP Delaunted Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Type:	Not reported	Appeal Resolution Date:	Not reported
Proposed Amount:	32000	Disposition Status Date:	Not reported
Final Monetary Amount:	32000	Disposition Status Description:	Not reported
Paid Amount:	32000	Found Violation:	Yes
Final Count:	Not reported	Agency Which Determined Violation:	Slate
Final Amount:	Not reported	Violation Short Description:	Generators - Pre-transport
		Date Violation was Determined:	20060918
		Actual Return to Compliance Date:	20080228
		Return to Compliance Qualifier:	Documented
		Violation Responsible Agency:	Slate
		Scheduled Compliance Date:	Not reported
		Enforcement Identifier:	001
		Date of Enforcement Action:	20070724
		Enforcement Responsible Agency:	Slate
		Enforcement Docket Number:	07-HW-EA-04
		Enforcement Attorney:	WHARG
		Corrective Action Component:	No
		Appeal Initiated Date:	Not reported
		Appeal Resolution Date:	Not reported
		Disposition Status Date:	Not reported
		Disposition Status Description:	Not reported
		Disposition Status:	AS
		Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
		Consent/Final Order Sequence Number:	Not reported
		Consent/Final Order Respondent Name:	Not reported
		Consent/Final Order Lead Agency:	FINAL 3008(A) COMPLIANCE ORDER
		Enforcement Type:	TBRAN
		Enforcement Responsible Person:	Not reported
		Enforcement Responsible Sub-Organization:	Not reported
		SEP Sequence Number:	Not reported
		SEP Expenditure Amount:	Not reported
		SEP Scheduled Completion Date:	Not reported
		SEP Actual Date:	Not reported
		SEP Delaunted Date:	Not reported
		SEP Type:	Not reported
		Proposed Amount:	32000
		Final Monetary Amount:	32000
		Paid Amount:	32000
		Final Count:	Not reported
		Final Amount:	Not reported
		Found Violation:	Yes
		Agency Which Determined Violation:	Slate
		Violation Short Description:	Generators - Pre-transport
		Date Violation was Determined:	20060918
		Actual Return to Compliance Date:	20080228
		Return to Compliance Qualifier:	Documented
		Violation Responsible Agency:	Slate
		Scheduled Compliance Date:	Not reported
		Enforcement Identifier:	001
		Date of Enforcement Action:	20070724
		Enforcement Responsible Agency:	Slate
		Enforcement Docket Number:	07-HW-EA-04
		Enforcement Attorney:	WHARG
		Corrective Action Component:	No
		Appeal Initiated Date:	Not reported
		Appeal Resolution Date:	Not reported
		Disposition Status Date:	Not reported
		Disposition Status Description:	Not reported
		Disposition Status:	AS
		Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
		Consent/Final Order Sequence Number:	Not reported
		Consent/Final Order Respondent Name:	Not reported
		Consent/Final Order Lead Agency:	FINAL 3008(A) COMPLIANCE ORDER
		Enforcement Type:	TBRAN
		Enforcement Responsible Person:	Not reported
		Enforcement Responsible Sub-Organization:	Not reported
		SEP Sequence Number:	Not reported
		SEP Expenditure Amount:	Not reported
		SEP Scheduled Completion Date:	Not reported
		SEP Actual Date:	Not reported
		SEP Delaunted Date:	Not reported
		SEP Type:	Not reported
		Proposed Amount:	32000
		Final Monetary Amount:	32000
		Paid Amount:	32000
		Final Count:	Not reported
		Final Amount:	Not reported

ENDO PAINTING (Continued)

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ENDO PAINTING (Continued)

ENDO PAINTING (Continued)

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ENDO PAINTING (Continued)

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Preparedness and Prevention	Enforcement Type:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Date Violation was Determined:	20040525	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Expenditure Amount:	Not reported
Violation Responsible Agency:	Slate	SEP Scheduled Completion Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Actual Date:	Not reported
Enforcement Identifier:	001	SEP Delaunted Date:	Not reported
Date of Enforcement Action:	20040528	SEP Type:	Not reported
Enforcement Responsible Agency:	Slate	Proposed Amount:	Not reported
Enforcement Docket Number:	Not reported	Final Monetary Amount:	Not reported
Enforcement Attorney:	Not reported	Paid Amount:	Not reported
Corrective Action Component:	No	Final Count:	Not reported
Appeal Initiated Date:	Not reported	Found Violation:	Yes
Appeal Resolution Date:	Not reported	Agency Which Determined Violation:	Slate
Disposition Status Date:	Not reported	Violation Short Description:	TSD IS-Container Use and Management
Disposition Status:	Not reported	Date Violation was Determined:	20060918
Disposition Status Description:	Not reported	Actual Return to Compliance Date:	20080228
Consent/Final Order Sequence Number:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Respondent Name:	Not reported	Violation Responsible Agency:	Slate
Enforcement Type:	WRITTEN INFORMAL	Scheduled Compliance Date:	Not reported
Enforcement Responsible Person:	Not reported	Enforcement Identifier:	Not reported
Enforcement Responsible Sub-Organization:	Not reported	Date of Enforcement Action:	Not reported
SEP Sequence Number:	Not reported	Enforcement Responsible Agency:	Not reported
SEP Expenditure Amount:	Not reported	Enforcement Docket Number:	Not reported
SEP Scheduled Completion Date:	Not reported	Corrective Action Component:	Not reported
SEP Actual Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Delaunted Date:	Not reported	Appeal Resolution Date:	Not reported
SEP Type:	Not reported	Disposition Status Date:	Not reported
Proposed Amount:	Not reported	Disposition Status:	Not reported
Final Monetary Amount:	Not reported	Disposition Status Description:	Not reported
Paid Amount:	Not reported	Consent/Final Order Sequence Number:	Not reported
Final Count:	Not reported	Consent/Final Order Respondent Name:	Not reported
Final Amount:	Not reported	Enforcement Type:	Not reported
Found Violation:	Yes	Enforcement Responsible Person:	Not reported
Agency Which Determined Violation:	Slate	Enforcement Responsible Sub-Organization:	Not reported
Violation Short Description:	Generators - General	SEP Sequence Number:	Not reported
Date Violation was Determined:	20060918	SEP Expenditure Amount:	Not reported
Actual Return to Compliance Date:	20080228	SEP Scheduled Completion Date:	Not reported
Return to Compliance Qualifier:	Documented	SEP Actual Date:	Not reported
Violation Responsible Agency:	Slate	SEP Delaunted Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Type:	Not reported
Enforcement Identifier:	001	Proposed Amount:	Not reported
Date of Enforcement Action:	20060918	Final Monetary Amount:	Not reported
Enforcement Responsible Agency:	Slate	Paid Amount:	Not reported
Enforcement Docket Number:	Not reported	Final Count:	Not reported
Enforcement Attorney:	Not reported	Final Amount:	Not reported
Corrective Action Component:	No	Found Violation:	Yes
Appeal Initiated Date:	Not reported	Agency Which Determined Violation:	Slate
Appeal Resolution Date:	Not reported	Violation Short Description:	Generators - General
Disposition Status Date:	Not reported	Date Violation was Determined:	20060918
Disposition Status:	Not reported	Actual Return to Compliance Date:	20080228
Disposition Status Description:	Not reported	Return to Compliance Qualifier:	Documented
		Violation Responsible Agency:	Slate
		Scheduled Compliance Date:	Not reported
		Enforcement Identifier:	001
		Date of Enforcement Action:	20060918
		Enforcement Responsible Agency:	Slate
		Enforcement Docket Number:	Not reported
		Enforcement Attorney:	Not reported
		Corrective Action Component:	No
		Appeal Initiated Date:	Not reported
		Appeal Resolution Date:	Not reported
		Disposition Status Date:	Not reported
		Disposition Status:	Not reported
		Disposition Status Description:	Not reported

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ENDO PAINTING (Continued)

Found Violation: Not reported
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: INITIAL 3008(A)
 Return to Compliance Qualifier: COMPLIANCE
 Violation Responsible Agency: TBRAN
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Preparedness and Prevention
 Date Violation was Determined: 20060918
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Preparedness and Prevention
 Date Violation was Determined: 20060918
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Preparedness and Prevention
 Date Violation was Determined: 20060918
 Actual Return to Compliance Date: 20080228
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Site

Database(s)

ENDO PAINTING (Continued)

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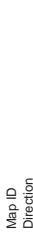
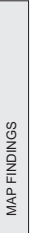
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Found Violation: Yes
Agency Which Determined Violation: Slate
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: Slate
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080227
Enforcement Responsible Agency: 07-HW-EA-04
Enforcement Docket Number: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20080307
Disposition Status: AS
ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: 32000
Final Monetary Amount: 32000
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

ENDO PAINTING (Continued)

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: Slate
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20040525
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: Slate
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070724
Enforcement Responsible Agency: State
Enforcement Docket Number: 07-HW-EA-04
Corrective Action Component: WHARG
Appeal Initiated Date: No
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Delaunted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported



1007370444

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1007370444

1007370444

ENDO PAINTING (Continued)

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	Generators - General	Enforcement Type:	WRITTEN INFORMAL
Date Violation was Determined:	20040525	Enforcement Responsible Person:	TBRAN
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Scheduled Completion Date:	Not reported
Violation Responsible Agency:	Slate	SEP Actual Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Delaunted Date:	Not reported
Enforcement Identifier:	001	SEP Type:	Not reported
Date of Enforcement Action:	20040528	Proposed Amount:	Not reported
Enforcement Responsible Agency:	Slate	Final Monetary Amount:	Not reported
Enforcement Docket Number:	Not reported	Paid Amount:	Not reported
Enforcement Attorney:	Not reported	Final Count:	Not reported
Corrective Action Component:	No	Found Violation:	Yes
Appeal Initiated Date:	Not reported	Agency Which Determined Violation:	Slate
Appeal Resolution Date:	Not reported	Violation Short Description:	TSD IS-Container Use and Management
Disposition Status Date:	Not reported	Date Violation was Determined:	20060918
Disposition Status:	Not reported	Actual Return to Compliance Date:	20080228
Disposition Status Description:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Sequence Number:	Not reported	Violation Responsible Agency:	Slate
Consent/Final Order Respondent Name:	Not reported	Scheduled Completion Date:	Not reported
Enforcement Type:	WRITTEN INFORMAL	Enforcement Identifier:	Not reported
Enforcement Responsible Person:	Not reported	Date of Enforcement Action:	Not reported
Enforcement Responsible Sub-Organization:	Not reported	Enforcement Responsible Agency:	Not reported
SEP Sequence Number:	Not reported	Enforcement Docket Number:	Not reported
SEP Expnditure Amount:	Not reported	Corrective Action Component:	Not reported
SEP Scheduled Completion Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Actual Date:	Not reported	Appeal Resolution Date:	Not reported
SEP Delaunted Date:	Not reported	Disposition Status Date:	Not reported
SEP Type:	Not reported	Disposition Status:	Not reported
Proposed Amount:	Not reported	Disposition Status Description:	Not reported
Final Monetary Amount:	Not reported	Consent/Final Order Sequence Number:	Not reported
Paid Amount:	Not reported	Consent/Final Order Respondent Name:	Not reported
Final Count:	Not reported	Enforcement Type:	Not reported
Final Amount:	Not reported	Enforcement Responsible Person:	Not reported
		Enforcement Responsible Sub-Organization:	Not reported
		SEP Sequence Number:	Not reported
		SEP Expnditure Amount:	Not reported
		SEP Scheduled Completion Date:	Not reported
		SEP Actual Date:	Not reported
		SEP Delaunted Date:	Not reported
		SEP Type:	Not reported
		Proposed Amount:	Not reported
		Final Monetary Amount:	Not reported
		Paid Amount:	Not reported
		Final Count:	Not reported
		Final Amount:	Not reported

Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	Slate	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Enforcement Type:	Not reported
Date Violation was Determined:	20040525	Enforcement Responsible Person:	Not reported
Actual Return to Compliance Date:	20080228	SEP Sequence Number:	Not reported
Return to Compliance Qualifier:	Documented	SEP Scheduled Completion Date:	Not reported
Violation Responsible Agency:	Slate	SEP Actual Date:	Not reported
Scheduled Compliance Date:	Not reported	SEP Delaunted Date:	Not reported
Enforcement Identifier:	001	SEP Type:	Not reported
Date of Enforcement Action:	20040528	Proposed Amount:	Not reported
Enforcement Responsible Agency:	Slate	Final Monetary Amount:	Not reported
Enforcement Docket Number:	Not reported	Paid Amount:	Not reported
Enforcement Attorney:	Not reported	Final Count:	Not reported
Corrective Action Component:	No	Found Violation:	Yes
Appeal Initiated Date:	Not reported	Agency Which Determined Violation:	Slate
Appeal Resolution Date:	Not reported	Violation Short Description:	TSD IS-Container Use and Management
Disposition Status Date:	Not reported	Date Violation was Determined:	20040525
Disposition Status:	Not reported	Actual Return to Compliance Date:	20080228
Disposition Status Description:	Not reported	Return to Compliance Qualifier:	Documented
Consent/Final Order Sequence Number:	Not reported	Violation Responsible Agency:	Slate
Consent/Final Order Respondent Name:	Not reported	Scheduled Compliance Date:	Not reported
Enforcement Type:	WRITTEN INFORMAL	Enforcement Identifier:	001
Enforcement Responsible Person:	Not reported	Date of Enforcement Action:	20040528
Enforcement Responsible Sub-Organization:	Not reported	Enforcement Responsible Agency:	Slate
SEP Sequence Number:	Not reported	Enforcement Docket Number:	Not reported
SEP Expnditure Amount:	Not reported	Enforcement Attorney:	Not reported
SEP Scheduled Completion Date:	Not reported	Corrective Action Component:	No
SEP Actual Date:	Not reported	Appeal Initiated Date:	Not reported
SEP Delaunted Date:	Not reported	Appeal Resolution Date:	Not reported
SEP Type:	Not reported	Disposition Status Date:	Not reported
Proposed Amount:	Not reported	Disposition Status:	Not reported
Final Monetary Amount:	Not reported	Disposition Status Description:	Not reported
Paid Amount:	Not reported		
Final Count:	Not reported		
Final Amount:	Not reported		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ENDO PAINTING (Continued)

1007370444

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Found Violation: Yes
Agency Which Determined Violation: TSU IS-Container Use and Management
Violation Short Description: 20040525
Date Violation was Determined: 20080228
Actual Return to Compliance Date: Documented
Return to Compliance Qualifier: Slate
Violation Responsible Agency: Not reported
Scheduled Compliance Date: 001
Enforcement Identifier: 20040528
Date of Enforcement Action: Slate
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: No
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: WRITTEN INFORMAL
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: TBRAN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: Slate
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: Slate
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

ENDO PAINTING (Continued)

1007370444

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: Slate
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20060918
Actual Return to Compliance Date: 20080228
Return to Compliance Qualifier: Documented
Violation Responsible Agency: Slate
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Map ID	Direction	Distance	Elevation	MAP FINDINGS	EDR ID Number	EPA ID Number	Database(s)	Site
ENDO PAINTING (Continued)								
					1007370444			1007370444
Found Violation: Not reported								
Agency Which Determined Violation: Not reported								
Violation Short Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION								
Date Violation was Determined: Not reported								
Actual Return to Compliance Date: Not reported								
Return to Compliance Qualifier: TBRAN								
Violation Responsible Agency: Not reported								
Scheduled Compliance Date: Not reported								
Enforcement Identifier: Not reported								
Date of Enforcement Action: Not reported								
Enforcement Responsible Agency: Not reported								
Enforcement Docket Number: Not reported								
Corrective Action Component: Not reported								
Appeal Initiated Date: Not reported								
Appeal Resolution Date: Not reported								
Disposition Status Date: Not reported								
Disposition Status: Not reported								
Consent/Final Order Sequence Number: Not reported								
Consent/Final Order Respondent Name: Not reported								
Consent/Final Order Lead Agency: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION								
Enforcement Type: TBRAN								
Enforcement Responsible Person: Not reported								
Enforcement Responsible Sub-Organization: Not reported								
SEP Sequence Number: Not reported								
SEP Expenditure Amount: Not reported								
SEP Scheduled Completion Date: Not reported								
SEP Actual Date: Not reported								
SEP Delaunted Date: Not reported								
SEP Type: Not reported								
Proposed Amount: Not reported								
Final Monetary Amount: Not reported								
Paid Amount: Not reported								
Final Count: Not reported								
Final Amount: Not reported								
Found Violation: Yes								
Agency Which Determined Violation: State								
Violation Short Description: Generators - General								
Date Violation was Determined: 20060918								
Actual Return to Compliance Date: 20080228								
Return to Compliance Qualifier: Documented								
Violation Responsible Agency: State								
Scheduled Compliance Date: Not reported								
Enforcement Identifier: 001								
Date of Enforcement Action: 20080227								
Enforcement Responsible Agency: 07-HW-EA-04								
Enforcement Docket Number: WHARG								
Corrective Action Component: No								
Appeal Initiated Date: Not reported								
Appeal Resolution Date: Not reported								
Disposition Status Date: Not reported								
Disposition Status: AS								
Consent/Final Order Sequence Number: Not reported								
Consent/Final Order Respondent Name: Not reported								
Consent/Final Order Lead Agency: FINAL 3008(A) COMPLIANCE ORDER								
Enforcement Type: TBRAN								
Enforcement Responsible Person: Not reported								
Enforcement Responsible Sub-Organization: Not reported								
SEP Sequence Number: Not reported								
SEP Expenditure Amount: Not reported								
SEP Scheduled Completion Date: Not reported								
SEP Actual Date: Not reported								
SEP Delaunted Date: Not reported								
SEP Type: Not reported								
Proposed Amount: 32000								
Final Monetary Amount: 32000								
Paid Amount: Not reported								
Final Count: Not reported								
Final Amount: Not reported								
Found Violation: Yes								
Agency Which Determined Violation: State								
Violation Short Description: TSD IS-Preparedness and Prevention								
Date Violation was Determined: 20080918								
Actual Return to Compliance Date: 20080228								
Return to Compliance Qualifier: Documented								
Violation Responsible Agency: State								
Scheduled Compliance Date: Not reported								
Enforcement Identifier: 001								
Date of Enforcement Action: 20080918								
Enforcement Responsible Agency: State								
Enforcement Docket Number: Not reported								
Corrective Action Component: No								
Appeal Initiated Date: Not reported								
Appeal Resolution Date: Not reported								
Disposition Status Date: Not reported								
Disposition Status: Not reported								
Disposition Status Description: Not reported								

Map ID	Direction	Distance	Elevation	MAP FINDINGS	EDR ID Number	EPA ID Number	Database(s)	Site
ENDO PAINTING (Continued)								
					1007370444			1007370444
Found Violation: Not reported								
Agency Which Determined Violation: Not reported								
Violation Short Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION								
Date Violation was Determined: Not reported								
Actual Return to Compliance Date: Not reported								
Return to Compliance Qualifier: TBRAN								
Violation Responsible Agency: Not reported								
Scheduled Compliance Date: Not reported								
Enforcement Identifier: Not reported								
Date of Enforcement Action: Not reported								
Enforcement Responsible Agency: Not reported								
Enforcement Docket Number: Not reported								
Corrective Action Component: Not reported								
Appeal Initiated Date: Not reported								
Appeal Resolution Date: Not reported								
Disposition Status Date: Not reported								
Disposition Status: Not reported								
Consent/Final Order Sequence Number: Not reported								
Consent/Final Order Respondent Name: Not reported								
Consent/Final Order Lead Agency: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION								
Enforcement Type: TBRAN								
Enforcement Responsible Person: Not reported								
Enforcement Responsible Sub-Organization: Not reported								
SEP Sequence Number: Not reported								
SEP Expenditure Amount: Not reported								
SEP Scheduled Completion Date: Not reported								
SEP Actual Date: Not reported								
SEP Delaunted Date: Not reported								
SEP Type: Not reported								
Proposed Amount: 32000								
Final Monetary Amount: 32000								
Paid Amount: Not reported								
Final Count: Not reported								
Final Amount: Not reported								
Found Violation: Yes								
Agency Which Determined Violation: State								
Violation Short Description: TSD IS-Preparedness and Prevention								
Date Violation was Determined: 20080918								
Actual Return to Compliance Date: 20080228								
Return to Compliance Qualifier: Documented								
Violation Responsible Agency: State								
Scheduled Compliance Date: Not reported								
Enforcement Identifier: 001								
Date of Enforcement Action: 20080918								
Enforcement Responsible Agency: State								
Enforcement Docket Number: Not reported								
Corrective Action Component: No								
Appeal Initiated Date: Not reported								
Appeal Resolution Date: Not reported								
Disposition Status Date: Not reported								
Disposition Status: Not reported								
Disposition Status Description: Not reported								

ENDO PAINTING (Continued) 1007370444

Map ID Direction Distance Elevation	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)
		1007370444	
Site			
Map ID Direction Distance Elevation	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)
		1007370444	
Site			
Map ID Direction Distance Elevation	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)
		1007370444	
Site			

ENDO PAINTING (Continued)

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20100628

Found Violation: State

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20101027

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: SIGNIFICANT NON-COMPLIER

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

ENDO PAINTING (Continued)

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20040213

Found Violation: State

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20040213

Found Violation: State

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Evaluation Date: 20060526

Found Violation: State

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Agency: TBRAN

Evaluation Responsible Person Identifier: Not reported

Actual Return to Compliance Date: 20080228

Scheduled Compliance Date: Not reported

Date of Request: Not reported

Date Response Received: Not reported

Request Agency: Not reported

Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

1007370444

ENDO PAINTING (Continued)

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20100628
Found Violation: State
Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20101027
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20040213
Found Violation: State
Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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FOLLOW-UP INSPECTION

Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20040213
Found Violation: State
Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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FOLLOW-UP INSPECTION

Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20060526
Found Violation: State
Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20040213
Found Violation: State
Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20080228
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site	1007370444	1007370444
Map ID Direction Distance Elevation	MAP FINDINGS	MAP FINDINGS
EDR ID Number EPA ID Number	1007370444	1007370444
Database(s)	Database(s)	Database(s)
Site	ENDO PAINTING (Continued)	ENDO PAINTING (Continued)
	<p>Evaluation Date: 20060526</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: SIGNIFICANT NON-COMPLIER</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20040213</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20040213</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20100628</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20101027</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20100628</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p>	<p>Evaluation Date: Not reported</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: FOLLOW-UP INSPECTION</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20040213</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20040213</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p> <p>Evaluation Date: 20040213</p> <p>Evaluation Responsible Agency: State</p> <p>Found Violation: Yes</p> <p>Violation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Evaluation Responsible Person Identifier: TBRAN</p> <p>Evaluation Sub-Organization: 20080228</p> <p>Actual Return to Compliance Date: Not reported</p> <p>Scheduled Compliance Date: Not reported</p> <p>Date of Request: Not reported</p> <p>Date Response Received: Not reported</p> <p>Request Agency: Not reported</p> <p>Former Citation: Not reported</p>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

ENDO PAINTING (Continued) 1007370444

Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20100628
 Found Violation: State
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20101027
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Found Violation: State
 Evaluation Type Description: FOLLOW-UP INSPECTION
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040213
 Found Violation: State
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040213
 Found Violation: State
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

ENDO PAINTING (Continued) 1007370444

Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040213
 Found Violation: State
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Found Violation: State
 Evaluation Type Description: SIGNIFICANT NON-COMPLIER
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Found Violation: State
 Evaluation Type Description: FOLLOW-UP INSPECTION
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Found Violation: State
 Evaluation Type Description: FOLLOW-UP INSPECTION
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040213
 Found Violation: State
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20080228
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Site	1007370444	1007370444	1007370444
Site	ENDO PAINTING (Continued)	ENDO PAINTING (Continued)	ENDO PAINTING (Continued)
Evaluation Date:	Not reported	Not reported	20040213
Date of Request:	Not reported	Not reported	State
Date Response Received:	Not reported	Not reported	Yes
Request Agency:	Not reported	Not reported	TBRAN
Former Citation:	Not reported	Not reported	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Date:	20080228	20080228	20080228
Found Violation:	State	State	Not reported
Evaluation Responsible Agency:	No	NOT A SIGNIFICANT NON-COMPLIER	Not reported
Evaluation Type Description:	TBRAN	TBRAN	TBRAN
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	Not reported	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	Not reported	Not reported
Evaluation Date:	20060526	20060526	20060526
Evaluation Responsible Agency:	State	State	State
Found Violation:	Yes	Yes	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION	FOLLOW-UP INSPECTION	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	TBRAN	TBRAN	TBRAN
Actual Return to Compliance Date:	Not reported	Not reported	Not reported
Scheduled Compliance Date:	20080228	20080228	20080228
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	Not reported	Not reported
Evaluation Date:	20060526	20060526	20060526
Evaluation Responsible Agency:	State	State	State
Found Violation:	Yes	Yes	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION	FOLLOW-UP INSPECTION	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	TBRAN	TBRAN	TBRAN
Actual Return to Compliance Date:	Not reported	Not reported	Not reported
Scheduled Compliance Date:	20080228	20080228	20080228
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	Not reported	Not reported
Evaluation Date:	20040213	20040213	20040213
Evaluation Responsible Agency:	State	State	State
Found Violation:	Yes	Yes	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE	COMPLIANCE EVALUATION INSPECTION ON-SITE	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TBRAN	TBRAN	TBRAN
Actual Return to Compliance Date:	Not reported	Not reported	Not reported
Scheduled Compliance Date:	20080228	20080228	20080228
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	Not reported	Not reported

ENDO PAINTING (Continued)

1007370444

Map ID Direction Distance Elevation	Site	Database(s)	EPA ID Number	EDR ID Number
	Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20040213			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20040213			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20060526			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: SIGNIFICANT NON-COMPLIER			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20040213			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			

ENDO PAINTING (Continued)

1007370444

Map ID Direction Distance Elevation	Site	Database(s)	EPA ID Number	EDR ID Number
	Yes			
	FOLLOW-UP INSPECTION			
	Evaluation Type Description: TBRAN			
	Evaluation Responsible Person Identifier: Not reported			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20060526			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: SIGNIFICANT NON-COMPLIER			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20060526			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: FOLLOW-UP INSPECTION			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20040213			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			
	Scheduled Compliance Date: Not reported			
	Date of Request: Not reported			
	Date Response Received: Not reported			
	Request Agency: Not reported			
	Former Citation: Not reported			
	Evaluation Date: 20040213			
	Evaluation Responsible Agency: State			
	Found Violation: Yes			
	Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE			
	Evaluation Responsible Person Identifier: TBRAN			
	Actual Return to Compliance Date: 20080228			

ENDO PAINTING (Continued)

Evaluation Date: 20060526
 Evaluation Responsible Agency: State
 Found Violation: Yes
 FOLLOW-UP INSPECTION
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20080228
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 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Evaluation Responsible Agency: State
 Found Violation: Yes
 SIGNIFICANT NON-COMPLER
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20080228
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
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Evaluation Date: 20060526
 Evaluation Responsible Agency: State
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 Evaluation Type Description: TBRAN
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Evaluation Date: 20060526
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 Evaluation Type Description: TBRAN
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 Actual Return to Compliance Date: 20080228
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 Actual Return to Compliance Date: 20080228
 Scheduled Compliance Date: Not reported
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 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Evaluation Responsible Agency: State
 Found Violation: Yes
 FOLLOW-UP INSPECTION
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20080228
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20060526
 Evaluation Responsible Agency: State
 Found Violation: Yes
 FOLLOW-UP INSPECTION
 Evaluation Type Description: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20080228
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

HAZNET:
 Name: ENDO PAINTING
 Address: 45 SILVA ST
 Address 2: Not reported
 City/State/Zip: HILO, HI 987204727
 Contact: KELLY ENDO
 Telephone: 8089356962
 Mailing Name: Not reported
 Mailing Address: 45 SILVA ST

ENDO PAINTING (Continued)

Year: 2006
 Gen EPA ID: HIR000135673
 Shipment Date: 20/09/2007
 Creation Date: 01/14/2006 18:30:45
 Receipt Date: Not reported
 Manifest ID: Z1823887
 Trans EPA ID: HIR000503636
 Trans Name: HAZTECH ENVIRONMENTAL SERVICES
 Trans 2 EPA ID: HIR003172651
 Trans 2 Name: YAMADA TRANSFER INC
 TSD EPA ID: CAD008302903
 TSD Alt Name: VEOLIA ENVIRONMENTAL SERVICES
 Waste Code Description: Not reported
 RCRA Code: D001
 Meth. Code: - Not reported
 Quantity Tons: 1.2
 Waste Quantity: 2400
 Quantity Unit: P
 Additional Code 1: Not reported
 Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

Additional Info:
 Year: 2006
 Gen EPA ID: HIR000135673
 Shipment Date: 20/09/2007
 Creation Date: 01/14/2006 18:30:45
 Receipt Date: Not reported
 Manifest ID: Z1823887
 Trans EPA ID: HIR000503636
 Trans Name: HAZTECH ENVIRONMENTAL SERVICES
 Trans 2 EPA ID: HIR003172651
 Trans 2 Name: YAMADA TRANSFER INC
 TSD EPA ID: CAD008302903
 TSD Alt Name: VEOLIA ENVIRONMENTAL SERVICES
 Waste Code Description: Not reported
 RCRA Code: D001
 Meth. Code: - Not reported
 Quantity Tons: 1.2
 Waste Quantity: 2400
 Quantity Unit: P
 Additional Code 1: Not reported
 Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

HAWAIIAN CEMENT - HILO TERMINAL

Owner: HAWAIIAN CEMENT CORPORATION
 Owner Address: 91-055 KAOIMI LOOP
 Owner City, St, Zip: HILO, 96720 96720
 Latitude: 19.730228
 Longitude: -155.052651
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Tank ID: 1
 Date Installed: Not reported
Tank Status: Permanently Out of Use
 Date Closed: 03/25/1996
 Tank Capacity: 1000
 Substance: Diesel

HAWAIIAN CEMENT - HILO TERMINAL (Continued)

Owner: HAWAIIAN CEMENT CORPORATION
 Owner Address: 91-055 KAOIMI LOOP
 Owner City, St, Zip: HILO, 96720 96720
 Latitude: 19.730228
 Longitude: -155.052651
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported

Tank ID: 1
 Date Installed: Not reported
Tank Status: Permanently Out of Use
 Date Closed: 03/25/1996
 Tank Capacity: 1000
 Substance: Diesel

F51 NW < 1/8 0.064 mi. 335 ft.

Relative: Lower Actual: 1 ft.

HAWAIIAN CEMENT - HILO TERMINAL
 KUHO WHARF RD
 HILO, HI 96720

Site 4 of 5 in cluster F

LUST:
 Name: HAWAIIAN CEMENT - HILO TERMINAL
 Address: KUHO WHARF RD
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-603155
 Facility Status: Site Cleanup Completed (NFA)
 Facility Status Date: 08/12/1996
 Release ID: 960059
 Project Officer: Jose Ruiz

UST:
 Name: HAWAIIAN CEMENT - HILO TERMINAL
 Address: KUHO WHARF RD
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-603155

F52 NNW < 1/8 0.075 mi. 395 ft.

Relative: Lower Actual: 1 ft.

YOUNG BROTHERS LTD. - HILO
 99 KUHO STREET
 HILO, HI 96720

Site 5 of 5 in cluster F

RCRA NonGen / NLR: 20170206
 Date Form Received by Agency: YOUNG BROTHERS LTD. - HILO
 Handler Name: 99 KUHO STREET
 Handler Address: HILO, HI 96720
 EPA ID: HIT000144337
 Contact Name: CHAD BRUNNER
 Contact Address: KUHO STREET
 Contact City/State/Zip: HILO, HI 96720
 Contact Telephone: 808-854-9149
 Contact Fax: 808-543-9311
 Contact Email: CBRUNNER@HTBYB.COM
 Contact Title: PORT MANAGER
 EPA Region: 09
 Land Type: State
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: KUHO STREET
 Mailing City/State/Zip: HILO, HI 96720
 Owner Name: DEPARTMENT OF TRANSPORTATION HARBORS DIVISION
 Owner Type: State
 Operator Name: YOUNG BROTHERS LTD. HILO
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No

F51 NW < 1/8 0.064 mi. 335 ft.

Relative: Lower Actual: 1 ft.

HAWAIIAN CEMENT - HILO TERMINAL
 KUHO WHARF RD
 HILO, HI 96720

Site 4 of 5 in cluster F

LUST:
 Name: HAWAIIAN CEMENT - HILO TERMINAL
 Address: KUHO WHARF RD
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-603155
 Facility Status: Site Cleanup Completed (NFA)
 Facility Status Date: 08/12/1996
 Release ID: 960059
 Project Officer: Jose Ruiz

UST:
 Name: HAWAIIAN CEMENT - HILO TERMINAL
 Address: KUHO WHARF RD
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-603155

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNG BROTHERS LTD. - HILO (Continued)

1023576094

Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site FedReg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDs Where RCRA CA has been Imposed Universe: No
 TSDs Potentially Subject to CA Under 3004 (u)(v) Universe: No
 TSDs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: N/A
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: Not reported
 Financial Assurance Required: 20170206
 Handler Date of Last Change: No
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Broker: No
 Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE
 Waste Code: D002
 Waste Description: CORROSIVE WASTE
 Waste Code: D005
 Waste Description: BARIUM

YOUNG BROTHERS LTD. - HILO (Continued)

1023576094

Waste Code: D007
 Waste Description: CHROMIUM
 Waste Code: D008
 Waste Description: LEAD
 Waste Code: D009
 Waste Description: MERCURY
 Waste Code: D010
 Waste Description: SELENIUM
 Waste Code: D011
 Waste Description: SILVER
 Waste Code: D016
 Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
 Waste Code: D018
 Waste Description: BENZENE
 Waste Code: D024
 Waste Description: M-CRESOL
 Waste Code: D026
 Waste Description: CRESOL
 Waste Code: D035
 Waste Description: METHYL ETHYL KETONE
 Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL. ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS; AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P001
 Waste Description: 2H-1-BENZOPYRAN-2-ONE; 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS; WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
 Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS
 Waste Code: U002
 Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)
 Waste Code: U035
 Waste Description: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Map ID Direction Distance Elevation	Site	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number
			1023576094		1023576094		1023576094
			U058 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE		YOUNG BROTHERS LTD. - HILO (Continued)		Not reported Not reported
			U129 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE		List of NAICS Codes and Descriptions: NAICS Code: 48832 NAICS Description: MARINE CARGO HANDLING		Not reported Not reported
			U150 L-PHENYLALANINE, 4-IBIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN		Facility Has Received Notices of Violations: Violations: No Violations Found		No Violations Found
			U154 METHANOL (l) (OR) METHYL ALCOHOL (l)		Evaluation Action Summary: Evaluations: No Evaluations Found		No Evaluations Found
			U159 2-BUTANONE (l,T) (OR) METHYLETHYL KETONE (MEK) (l,T)				
			U205 SELENIUM SULFIDE (OR) SELENIUM SULFIDE SESZ (R,T)				

Map ID Direction Distance Elevation	Site	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number
			1000161116 HID049977085		1000161116 HID049977085		1000161116 HID049977085
			U058 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE		YOUNG BROTHERS LTD. - HILO (Continued)		Not reported Not reported
			U129 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE		List of NAICS Codes and Descriptions: NAICS Code: 48832 NAICS Description: MARINE CARGO HANDLING		Not reported Not reported
			U150 L-PHENYLALANINE, 4-IBIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN		Facility Has Received Notices of Violations: Violations: No Violations Found		No Violations Found
			U154 METHANOL (l) (OR) METHYL ALCOHOL (l)		Evaluation Action Summary: Evaluations: No Evaluations Found		No Evaluations Found
			U159 2-BUTANONE (l,T) (OR) METHYLETHYL KETONE (MEK) (l,T)				
			U205 SELENIUM SULFIDE (OR) SELENIUM SULFIDE SESZ (R,T)				

Map ID Direction Distance Elevation	Site	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number
			1000161116 HID049977085		1000161116 HID049977085		1000161116 HID049977085
			U058 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE		YOUNG BROTHERS LTD. - HILO (Continued)		Not reported Not reported
			U129 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE		List of NAICS Codes and Descriptions: NAICS Code: 48832 NAICS Description: MARINE CARGO HANDLING		Not reported Not reported
			U150 L-PHENYLALANINE, 4-IBIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN		Facility Has Received Notices of Violations: Violations: No Violations Found		No Violations Found
			U154 METHANOL (l) (OR) METHYL ALCOHOL (l)		Evaluation Action Summary: Evaluations: No Evaluations Found		No Evaluations Found
			U159 2-BUTANONE (l,T) (OR) METHYLETHYL KETONE (MEK) (l,T)				
			U205 SELENIUM SULFIDE (OR) SELENIUM SULFIDE SESZ (R,T)				

Map ID Direction Distance Elevation	Site	MAP FINDINGS	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number	Database(s)	EDR ID Number EPA ID Number
			1000161116 HID049977085		1000161116 HID049977085		1000161116 HID049977085
			U058 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE		YOUNG BROTHERS LTD. - HILO (Continued)		Not reported Not reported
			U129 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE		List of NAICS Codes and Descriptions: NAICS Code: 48832 NAICS Description: MARINE CARGO HANDLING		Not reported Not reported
			U150 L-PHENYLALANINE, 4-IBIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN		Facility Has Received Notices of Violations: Violations: No Violations Found		No Violations Found
			U154 METHANOL (l) (OR) METHYL ALCOHOL (l)		Evaluation Action Summary: Evaluations: No Evaluations Found		No Evaluations Found
			U159 2-BUTANONE (l,T) (OR) METHYLETHYL KETONE (MEK) (l,T)				
			U205 SELENIUM SULFIDE (OR) SELENIUM SULFIDE SESZ (R,T)				

KUWAYE TRUCKING (Continued)

Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: Not reported
 Longitude: Not reported

RCRA Non-Gen./NLI R:
 Date Form Received by Agency: 20210712
 Handler Name: KUWAYE TRUCKING
 Handler Address: 456A KALANIANAOLE AVE
 Handler City/State/Zip: HILO, HI 96720-4759
 EPA ID: H1D048977065
 Contact Name: WAYNE KUWAYE
 Contact Address: KALANIANAOLE AVE
 Contact City/State/Zip: HILO, HI 96720-4759
 Contact Telephone: 808-935-2845
 Contact Fax: 808-935-4045
 Contact Email: KUWAYETRUCKING@HAWAIIANTEL.NET
 Contact Title: PRESIDENT
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: KALANIANAOLE AVE
 Mailing City/State/Zip: HILO, HI 96720-4759
 Owner Name: GERALD T. KODAMA
 Owner Type: Private
 Operator Name: KUWAYE TRUCKING, INC.
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Federal Facility Indicator: ---

KUWAYE TRUCKING (Continued)

Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPPRA Permit Baseline: Not on the Baseline
 2018 GPPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Not reported
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 202 GPPRA Corrective Action Baseline: No
 Corrective Action Workload Universe: No
 Subject to Corrective Action Universe: No
 Non-TSDs Where RCRA CA has Been Imposed Universe: No
 TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDs Only Subject to CA under Discretionary Auth Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No
 Human Exposure Controls Indicator: N/A
 Groundwater Controls Indicator: Not reported
 Operating TSD Universe: Not reported
 Full Enforcement Universe: Not reported
 Significant Non-Complier Universe: No
 Unaddressed Significant Non-Complier Universe: No
 Addressed Significant Non-Complier Universe: No
 Significant Non-Complier With a Compliance Schedule Universe: No
 Financial Assurance Required: Not reported
 Handler Date of Last Change: 20210715
 Recognized Trader-Importer: No
 Recognized Trader-Exporter: No
 Importer of Spent Lead Acid Batteries: No
 Exporter of Spent Lead Acid Batteries: No
 Recycler Activity Without Storage: No
 Manifest Booklet: No
 Sub-Part P Indicator: No

KUWAYE TRUCKING (Continued)

Handler - Owner Operator: Owner
 Owner/Operator Name: KUWAYE TRUCKING INC
 Legal Status: Private
 Date Became Current: 20050801
 Date Ended Current: Not reported
 Owner/Operator Address: PO BOX 707
 Owner/Operator City/State/Zip: HILO, HI 96721-4757
 Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: KUWAYE TRUCKING, INC.
 Legal Status: Private
 Date Became Current: 20050801
 Date Ended Current: Not reported

KUWAYE TRUCKING (Continued)

Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 KUYAYETRUCKING@HAWAIIANTEL.NET

Legal Status:
 Date Became Current:
 Owner/Operator Name:
 Date Ended Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 NOT REQUIRED
 Private
 Not reported
 Not reported
 NOT REQUIRED
 NOT REQUIRED
 415-555-1212
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Date Became Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner
 KUWAYE TRUCKING INC
 Private
 Not reported
 Not reported
 NOT REQUIRED
 NOT REQUIRED
 415-555-1212
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Date Became Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner
 KUWAYE TRUCKING, INC.
 Private
 Not reported
 Not reported
 P.O. BOX 707
 HILO, HI 96721
 808-935-2845
 Not reported
 Not reported

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:

19830720
 KUWAYE TRUCKING INC
 Conditionally Exempt Small Quantity Generator
 Not reported
 No
 No
 No
 No
 No
 No

KUWAYE TRUCKING (Continued)

Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 KUYAYETRUCKING@HAWAIIANTEL.NET

Legal Status:
 Date Became Current:
 Owner/Operator Name:
 Date Ended Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 NOT REQUIRED
 Private
 Not reported
 Not reported
 NOT REQUIRED
 NOT REQUIRED
 415-555-1212
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Date Became Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner
 KUWAYE TRUCKING INC
 Private
 Not reported
 Not reported
 P.O. BOX 707
 HILO, HI 96721
 808-935-2845
 Not reported
 Not reported

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:

19830720
 KUWAYE TRUCKING INC
 Conditionally Exempt Small Quantity Generator
 Not reported
 No
 No
 No
 No
 No
 No

KUWAYE TRUCKING (Continued)

Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 KUYAYETRUCKING@HAWAIIANTEL.NET

Legal Status:
 Date Became Current:
 Owner/Operator Name:
 Date Ended Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 NOT REQUIRED
 Private
 Not reported
 Not reported
 NOT REQUIRED
 NOT REQUIRED
 415-555-1212
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Date Became Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner
 KUWAYE TRUCKING INC
 Private
 Not reported
 Not reported
 P.O. BOX 707
 HILO, HI 96721
 808-935-2845
 Not reported
 Not reported

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:

19830720
 KUWAYE TRUCKING INC
 Conditionally Exempt Small Quantity Generator
 Not reported
 No
 No
 No
 No
 No
 No

KUWAYE TRUCKING (Continued)

Owner/Operator Address:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 KUYAYETRUCKING@HAWAIIANTEL.NET

Legal Status:
 Date Became Current:
 Owner/Operator Name:
 Date Ended Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Operator
 NOT REQUIRED
 Private
 Not reported
 Not reported
 NOT REQUIRED
 NOT REQUIRED
 415-555-1212
 Not reported
 Not reported
 Not reported

Owner/Operator Indicator:
 Owner/Operator Name:
 Date Became Current:
 Owner/Operator City/State/Zip:
 Owner/Operator Telephone:
 Owner/Operator Telephone Ext:
 Owner/Operator Fax:
 Owner/Operator Email:

Owner
 KUWAYE TRUCKING INC
 Private
 Not reported
 Not reported
 P.O. BOX 707
 HILO, HI 96721
 808-935-2845
 Not reported
 Not reported

Historic Generators:
 Receive Date:
 Handler Name:
 Federal Waste Generator Description:
 State District Owner:
 Large Quantity Handler of Universal Waste:
 Recognized Trader Importer:
 Recognized Trader Exporter:
 Spent Lead Acid Battery Importer:
 Spent Lead Acid Battery Exporter:
 Current Record:

19830720
 KUWAYE TRUCKING INC
 Conditionally Exempt Small Quantity Generator
 Not reported
 No
 No
 No
 No
 No
 No

MAP FINDINGS

Map ID
Direction
Distance
Elevation

KUWAYE TRUCKING (Continued)

Actual Return to Compliance Date: 20110525
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Agency: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20110413
Actual Return to Compliance Date: 20110525
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Agency: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL

MAP FINDINGS

Map ID
Direction
Distance
Elevation

KUWAYE TRUCKING (Continued)

Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Agency: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Transporter and Transfer Facility
Date Violation was Determined: 20060823

MAP FINDINGS

Map ID
Direction
Distance
Elevation

KUWAYE TRUCKING (Continued)

Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Agency: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Transporter and Transfer Facility
Date Violation was Determined: 20060823

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUWAYE TRUCKING (Continued)

Actual Return to Compliance Date: 20061002
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: No
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20110413
Actual Return to Compliance Date: 20110525
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL

KUWAYE TRUCKING (Continued)

Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20060823
Actual Return to Compliance Date: 20061002
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060823
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20060823

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
						1000161116	1000161116
KUWAYE TRUCKING (Continued)							
Actual Return to Compliance Date:	20061002			Not reported			
Return to Compliance Qualifier:	Documented			Not reported			
Violation Responsible Agency:	State			Not reported			
Scheduled Compliance Date:	001			Not reported			
Enforcement Identifier:	20060823			Not reported			
Date of Enforcement Action:	State			Not reported			
Enforcement Docket Number:	Not reported			Not reported			
Enforcement Attorney:	No			Not reported			
Corrective Action Component:	Not reported			Not reported			
Appeal Initiated Date:	Not reported			Not reported			
Appeal Resolution Date:	Not reported			Not reported			
Disposition Status Date:	Not reported			Not reported			
Disposition Status:	Not reported			Not reported			
Disposition Status Description:	Not reported			Not reported			
Consent/Final Order Sequence Number:	Not reported			Not reported			
Consent/Final Order Respondent Name:	Not reported			Not reported			
Consent/Final Order Lead Agency:	WRITTEN INFORMAL			Not reported			
Enforcement Type:	TBRAN			Not reported			
Enforcement Responsible Person:	Not reported			Not reported			
Enforcement Responsible Sub-Organization:	Not reported			Not reported			
SEP Sequence Number:	Not reported			Not reported			
SEP Expenditure Amount:	Not reported			Not reported			
SEP Scheduled Completion Date:	Not reported			Not reported			
SEP Actual Date:	Not reported			Not reported			
SEP Defaulted Date:	Not reported			Not reported			
SEP Type:	Not reported			Not reported			
SEP Type Description:	Not reported			Not reported			
Proposed Amount:	Not reported			Not reported			
Final Monetary Amount:	Not reported			Not reported			
Paid Amount:	Not reported			Not reported			
Final Count:	Not reported			Not reported			
Final Amount:	Not reported			Not reported			
Evaluation Action Summary:							
Evaluation Date:	20110303			Not reported			
Evaluation Responsible Agency:	State			Not reported			
Found Violation:	Yes			Not reported			
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE			Not reported			
Evaluation Responsible Person Identifier:	TBRAN			Not reported			
Evaluation Responsible Sub-Organization:	Not reported			Not reported			
Actual Return to Compliance Date:	20110525			Not reported			
Scheduled Compliance Date:	Not reported			Not reported			
Date of Request:	Not reported			Not reported			
Date Response Received:	Not reported			Not reported			
Request Agency:	Not reported			Not reported			
Former Citation:	Not reported			Not reported			
Evaluation Date:	20110303			Not reported			
Evaluation Responsible Agency:	State			Not reported			
Found Violation:	Yes			Not reported			
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE			Not reported			
Evaluation Responsible Person Identifier:	TBRAN			Not reported			
Evaluation Responsible Sub-Organization:	Not reported			Not reported			
Actual Return to Compliance Date:	20110525			Not reported			
Scheduled Compliance Date:	Not reported			Not reported			
Date of Request:	Not reported			Not reported			
Date Response Received:	Not reported			Not reported			
Request Agency:	Not reported			Not reported			
Former Citation:	Not reported			Not reported			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

KUWAYE TRUCKING (Continued)

Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HAWAII PETROLEUM DISPATCH
456 KALANIANA'OLE AVE
HILO, HI 96720

H54
WSW
< 1/8
0.092 mi.
488 ft.

Relative:
Higher

RCRA NonGen / NLR
Date Form Received by Agency: 20131001
Handler Name: AKW ENVIRONMENTAL, LLC
Handler Address: 456 KALANIANA'OLE AVE UNIT D
HILO, HI 96720
EPA ID: HIR000137109
Contact Name: ABEL K. WOOD
Contact Address: 115D AINAOLA DR
HILO, HI 96720
Contact Telephone: 808-315-7945
Contact Fax: Not reported
Contact Email: AKWOOD1061@AOL.COM
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District: Not reported
Mailing Address: 456 KALANIANA'OLE AVE
HILO, HI 96720
Owner Name: GERALD T. KODAMA
Operator Type: Private
Short-Term Generator Activity: Private
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelling Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: No
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

KUWAYE TRUCKING (Continued)

State: 20060525
Yes
COMPLIANCE EVALUATION INSPECTION ON-SITE
TBRAN
Not reported
20061002
Not reported
Not reported
Not reported
Not reported
Not reported

COMPLIANCE EVALUATION INSPECTION ON-SITE

20060525
State
Yes

COMPLIANCE EVALUATION INSPECTION ON-SITE
TBRAN
Not reported
20061002
Not reported
Not reported
Not reported
Not reported

20110303
State
Yes

COMPLIANCE EVALUATION INSPECTION ON-SITE
TBRAN
Not reported
20110525
Not reported
Not reported
Not reported
Not reported
Not reported

KUWAYE TRUCKING (Continued)

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110303
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110525
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: 20061002
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HAWAII PETROLEUM DISPATCH (Continued) 1008880430

Active Site State-Reg Handler:	---	Not reported
Federal Facility Indicator:	N	Not reported
Hazardous Secondary Material Indicator:	N	Not reported
Sub-Part K Indicator:	No	Not reported
Commercial TSD Indicator:	Not reported	Not reported
Treatment Storage and Disposal Type:	Not on the Baseline	Not on the Baseline
2018 GPRR Permit Baseline:	Not on the Baseline	Not on the Baseline
2018 GPRR Renewals Baseline:	Not reported	Not reported
Permit Renewals Workload Universe:	Not reported	Not reported
Permit Workload Universe:	Not reported	Not reported
Permit Progress Universe:	Not reported	Not reported
Post-Closure Workload Universe:	Not reported	Not reported
Closure Workload Universe:	No	Not reported
202 GPRR Corrective Action Baseline:	No	Not reported
Corrective Action Workload Universe:	No	Not reported
Subject to Corrective Action Universe:	No	Not reported
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No	Not reported
TSDFs Only Subject to CA under Discretionary Auth Universe:	No	Not reported
Corrective Action Priority Ranking:	No	NCAPS ranking
Environmental Control Indicator:	No	Not reported
Institutional Control Indicator:	No	Not reported
Human Exposure Controls Indicator:	N/A	Not reported
Groundwater Controls Indicator:	N/A	Not reported
Operating TSD Universe:	Not reported	Not reported
Full Enforcement Universe:	No	Not reported
Significant Non-Complier Universe:	No	Not reported
Unaddressed Significant Non-Complier Universe:	No	Not reported
Addressed Significant Non-Complier Universe:	No	Not reported
Significant Non-Complier With a Compliance Schedule Universe:	No	Not reported
Financial Assurance Required:	20161228	Not reported
Handler Date of Last Change:	No	Not reported
Recognized Trader-Importer:	No	Not reported
Importer of Spent Lead-Acid Batteries:	No	Not reported
Exporter of Spent Lead-Acid Batteries:	No	Not reported
Recycler Activity Without Storage:	No	Not reported
Manifest Broker:	No	Not reported
Sub-Part P Indicator:	No	Not reported

Hazardous Waste Summary:	D001	IGNITABLE WASTE
Waste Code:	D002	CORROSIVE WASTE
Waste Description:	D003	REACTIVE WASTE
Waste Code:	D004	ARSENIC
Waste Description:	D005	BARLIUM
Waste Code:		
Waste Description:		

HAWAII PETROLEUM DISPATCH (Continued) 1008880430

Waste Code:	D006	CADMIUM
Waste Description:	D008	LEAD
Waste Code:	D009	MERCURY
Waste Description:	D010	SELENIUM
Waste Code:	D011	SILVER
Waste Description:	D012	ENDRIN
Waste Code:	D013	LINDANE (1,2,3,4,5,6-HEXA-CHLORO-CYCLO-HEXANE, GAMMA ISOMER)
Waste Description:	D014	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHERE, 67-69 PERCENT CHLORINE)
Waste Description:	D016	2,4-D (2,4-DICHLOROPHENOXACETIC ACID)
Waste Code:	D017	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Description:	D018	BENZENE
Waste Code:	D019	CARBON TETRACHLORIDE
Waste Description:	D020	CHLORDANE
Waste Code:	D021	CHLOROBENZENE
Waste Description:	D022	CHLOROFORM
Waste Code:	D023	O-CRESOL
Waste Description:	D024	M-CRESOL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

HAWAII PETROLEUM DISPATCH (Continued)

1008880430

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D031
Waste Description: HEPTACHLOR (AND ITS EPOXIDE)

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D033
Waste Description: HEXACHLOROBUTADIENE

Waste Code: D034
Waste Description: HEXACHLOROETHANE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D037
Waste Description: PENTACHLOROPHENOL

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLOROETHYLENE

Waste Code: D041
Waste Description: 2,4,5-TRICHLOROPHENOL

Waste Code: D042
Waste Description: 2,4,6-TRICHLOROPHENOL

Waste Code: D043
Waste Description: VINYL CHLORIDE

HAWAII PETROLEUM DISPATCH (Continued)

1008880430

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGRASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGRASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U103
Waste Description: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER

Waste Code: U133
Waste Description: HYDRAZINE (R,T)

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

MAP FINDINGS

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

EDR ID Number
EPA ID Number

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Database(s)

Map ID
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Distance
Elevation

Map ID
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Map ID
Direction
Distance
Elevation

Map ID
Direction
Distance
Elevation

HAWAII PETROLEUM DISPATCH (Continued)

1008580430

1008580430

1008580430

1008580430

1008580430

1008580430

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Waste Code:
U151,
MERCURY

Handler - Owner Operator:
Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Owner/Operator Address:
Owner/Operator City/State/Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

PHILIP SERVICES HAWAII
Private
Not reported
20051001
456 KALANIANA'OLE AVE
HILO, HI 96720
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
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Operator
PHILIP SERVICES HAWAII
Private
20051001
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Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Owner/Operator Address:
Owner/Operator City/State/Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

AKW ENVIRONMENTAL, LLC
Private
20100715
Not reported
456 KALANIANA'OLE AVE
HILO, HI 96720
808-430-2339
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
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Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
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Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Owner/Operator Address:
Owner/Operator City/State/Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

AKW ENVIRONMENTAL, LLC
Private
20100715
Not reported
456 KALANIANA'OLE AVE
HILO, HI 96720
808-430-2339
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
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Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Owner/Operator Address:
Owner/Operator City/State/Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

AKW ENVIRONMENTAL, LLC
Private
20100715
Not reported
456 KALANIANA'OLE AVE
HILO, HI 96720
808-430-2339
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Operator
PHILIP SERVICES HAWAII
Private
20051001
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Historic Generators:
Receive Date:
Handler Name:
Federal Waste Generator Description:
State District Owner:
Large Quantity Handler of Universal Waste:
Recognized Trader Importer:
Spent Lead Acid Battery Importer:
Spent Lead Acid Battery Exporter:
Current Record:
Non Storage Recycler Activity:
Electronic Manifest Broker:

20131001
AKW ENVIRONMENTAL, LLC
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

20131001
AKW ENVIRONMENTAL, LLC
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

20131001
AKW ENVIRONMENTAL, LLC
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

20131001
AKW ENVIRONMENTAL, LLC
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

20131001
AKW ENVIRONMENTAL, LLC
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

HAWAII PETROLEUM DISPATCH (Continued)

1008880430

Receive Date: 20051026
 Handler Name: PHILIP SERVICES HAWAII
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

20070110
 Receive Date:
 Handler Name: PHILIP SERVICES HAWAII
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

20100929
 Receive Date:
 Handler Name: AKW ENVIRONMENTAL, LLC
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 23899
 NAICS Description: ALL OTHER SPECIALTY TRADE CONTRACTORS

NAICS Code: 562112
 NAICS Description: HAZARDOUS WASTE COLLECTION

NAICS Code: 56221
 NAICS Description: WASTE TREATMENT AND DISPOSAL

NAICS Code: 56291
 NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violation: Yes
 Found Violation: State
 Agency Which Determined Violation: Transporters - Manifest and Recordkeeping
 Violation Short Description:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

HAWAII PETROLEUM DISPATCH (Continued)

1008880430

Date Violation was Determined: 20061024
 Actual Return to Compliance Date: 20070416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20061024
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Deactivated Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Paid Amount: Not reported
 Final Monetary Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Yes
 Found Violation: State
 Agency Which Determined Violation: Used Oil - Transporter and Transfer Facility
 Violation Short Description: 20061024
 Return to Compliance Date: 20070416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20061024
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported

MAP FINDINGS

MAP FINDINGS

HAWAII PETROLEUM DISPATCH (Continued)

1008580430

Site

Date Violation was Determined: 2006/1024
 Actual Return to Compliance Date: 2007/0416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 2006/1024
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: State Statute or Regulation
 Date Violation was Determined: 2006/1024
 Actual Return to Compliance Date: 2007/0416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 2006/1024
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported

HAWAII PETROLEUM DISPATCH (Continued)

1008580430

Site

Enforcement Type: TBRAN
 Enforcement Responsible Person: WRITTEN INFORMAL
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Transporter and Transfer Facility
 Date Violation was Determined: 2006/1024
 Actual Return to Compliance Date: 2007/0416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 SEP Sequence Number: 001
 SEP Expenditure Amount: 2006/1024
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Transporter and Transfer Facility
 Date Violation was Determined: 2006/1024
 Actual Return to Compliance Date: 2007/0416
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 2006/1024
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delaunted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Transporter and Transfer Facility

HAWAII PETROLEUM DISPATCH (Continued)	HAWAII PETROLEUM DISPATCH (Continued)	Database(s)	Database(s)
<p>Enforcement Type: TBRAN</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: Not reported</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Proposed Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Amount: Not reported</p> <p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: Generators - General</p> <p>Date Violation was Determined: 20061024</p> <p>Actual Return to Compliance Date: 20070416</p> <p>Return to Compliance Qualifier: Documented</p> <p>Violation Responsible Agency: State</p> <p>Scheduled Completion Date: Not reported</p> <p>Enforcement Identifier: 001</p> <p>Date of Enforcement Action: 20061024</p> <p>Enforcement Responsible Agency: State</p> <p>Enforcement Docket Number: Not reported</p> <p>Enforcement Attorney: Not reported</p> <p>Corrective Action Component: No</p> <p>Appeal Initiated Date: Not reported</p> <p>Appeal Resolution Date: Not reported</p> <p>Disposition Status Date: Not reported</p> <p>Disposition Status: Not reported</p> <p>Consent/Final Order Sequence Number: Not reported</p> <p>Consent/Final Order Respondent Name: Not reported</p> <p>Enforcement Type: WRITTEN INFORMAL</p> <p>Enforcement Responsible Person: TBRAN</p> <p>Enforcement Responsible Sub-Organization: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Proposed Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Monetary Amount: Not reported</p> <p>Final Count: Not reported</p> <p>Final Amount: Not reported</p> <p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: Used Oil - Transporter and Transfer Facility</p>	<p>Enforcement Type: TBRAN</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: Not reported</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Proposed Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Amount: Not reported</p> <p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: Used Oil - Transporter and Transfer Facility</p>	<p>1008880430</p>	<p>1008880430</p>

HAWAII PETROLEUM DISPATCH (Continued) 1008880430

Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported
 Evaluation Date: 20060526
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Agency: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20070416
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

FINDS: Registry ID: 11005724564
 Click Here:
 Environmental Interest/Information System:
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER
 Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO: Envid: 1008880430
 Registry ID: 110005724564
 DFR URL: http://echo.epa.gov/detailed-facility-report?Id=110005724564
 Name: HAWAII PETROLEUM DISPATCH
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720

H55 WSW < 1/8 0.092 mi. 488 ft. Relative: Higher Actual: 8 ft.	PACIFIC MACHINERY 456 KALANIANA'OLE AVE HILO, HI 96720 Site 3 of 4 in cluster H SHWS: Name: PACIFIC MACHINERY, INC. KALANIANA'OLE AVENUE Address: 456 KALANIANA'OLE AVE City/State/Zip: HILO, HI 96720 Supplemental Location: Not reported Island: Hawaii Environmental Interest: Not reported HID Number: Not reported Facility Registry Identifier: Not reported Lead Agency: HEER Office Program: State Project Manager: Not reported Hazard Priority: Not reported
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HAWAII PETROLEUM DISPATCH (Continued) 1008880430

Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported
 Evaluation Date: 20060526
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Agency: TBRAN
 Evaluation Responsible Person Identifier: Not reported
 Actual Return to Compliance Date: 20070416
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

FINDS: Registry ID: 11005724564
 Click Here:
 Environmental Interest/Information System:
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 STATE MASTER
 Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO: Envid: 1008880430
 Registry ID: 110005724564
 DFR URL: http://echo.epa.gov/detailed-facility-report?Id=110005724564
 Name: HAWAII PETROLEUM DISPATCH
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720

H55 WSW < 1/8 0.092 mi. 488 ft. Relative: Higher Actual: 8 ft.	PACIFIC MACHINERY 456 KALANIANA'OLE AVE HILO, HI 96720 Site 3 of 4 in cluster H SHWS: Name: PACIFIC MACHINERY, INC. KALANIANA'OLE AVENUE Address: 456 KALANIANA'OLE AVE City/State/Zip: HILO, HI 96720 Supplemental Location: Not reported Island: Hawaii Environmental Interest: Not reported HID Number: Not reported Facility Registry Identifier: Not reported Lead Agency: HEER Office Program: State Project Manager: Not reported Hazard Priority: Not reported
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PACIFIC MACHINERY (Continued)

Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 1483
 Location Description: 456 Kalaniana'ole Ave
 Is Public: True
 Update On: 2019-05-30 20:35:41
 Latitude: 19.724680
 Longitude: -155.057405

PACIFIC MACHINERY (Continued)

Date Closed: 03/29/1995
 Tank Capacity: 1000
 Substance: Gasoline
 Name: PACIFIC MACHINERY
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Tank ID: R-2
 Date Installed: 03/27/1962
Tank Status: Permanently Out of Use
 Date Closed: 06/29/1995
 Tank Capacity: 550
 Substance: Other
 Name: PACIFIC MACHINERY
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Tank ID: R-3
 Date Installed: 03/27/1962
Tank Status: Permanently Out of Use
 Date Closed: 03/29/1995
 Tank Capacity: 550
 Substance: Diesel

SPILLS:
 Name: DRILL HAWAII PETROLEUM TANKER TRUCK DIESEL SPILL WHILE REFUELING DRILL
 Address: 456 KALANIANA'OLE AVE
 Address 2: Not reported
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20201210-0959 NFA
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: Not reported
 ER: Yes
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: NFA
 File Under: Not reported
 Substances: Not reported
 Quantity: Not reported
 Units: 12/10/20 2:59 PM EST
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Ocean
 Waterbody: Hilo Harbor
 Summary: DRILL: NRC report received 12/15/20, no verbal notification to HEER made. The caller stated that a tanker truck was performing a refueling operation on a vessel when the hose ruptured. This caused a 250 gallon release of diesel into the Pacific Ocean. The cause of the

UST:
 Name: PACIFIC MACHINERY
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-600710
 Site Status: Site Cleanup Completed (NFA)
 Facility Status Date: 10/25/1996
 Release ID: 950071
 Project Officer: Janet Sherrer

UST:
 Name: PACIFIC MACHINERY
 Address: 456 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Facility ID: 9-600710
 Owner: PACIFIC MACHINERY
 Owner Address: Not reported
 Owner City/State/Zip: Hilo, 96720 96720
 Latitude: 19.725652
 Longitude: -155.05768
 Horizontal Reference Datum Name: NAD83
 Horizontal Collection Method Name: Address Matching

Tank ID: R-1
 Date Installed: 03/27/1962
Tank Status: Permanently Out of Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

1004688795

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

1004688795

HAWAII PETROLEUM DISPATCH (Continued)

Handler - Owner Operator:
Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner/Operator Indicator:
Owner/Operator Name:
Legal Status:
Date Became Current:
Date Ended Current:
Owner/Operator Address:
Owner/Operator City,State,Zip:
Owner/Operator Telephone:
Owner/Operator Telephone Ext:
Owner/Operator Fax:
Owner/Operator Email:

Owner
NOT REQUIRED
Private
Not reported
Not reported
NOT REQUIRED
NOT REQUIRED, ME 99899
415-555-1212
Not reported
Not reported
Not reported
Operator
HAWAII PETROLEUM INC
Private
20050811
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

HAWAII PETROLEUM DISPATCH (Continued)

Recognized Trader Exporter:
Spent Lead Acid Battery Importer:
Spent Lead Acid Battery Exporter:
Current Record:
Non Storage Recycler Activity:
Electronic Manifest Broker:

Receive Date:
Handler Name:
Federal Waste Generator Description:
State District Owner:
Large Quantity Handler of Universal Waste:
Recognized Trader Importer:
Recognized Trader Exporter:
Spent Lead Acid Battery Importer:
Spent Lead Acid Battery Exporter:
Current Record:
Non Storage Recycler Activity:
Electronic Manifest Broker:

No
No
No
No
Not reported
Not reported

20050701
HAWAII PETROLEUM DISPATCH
Not a generator, verified
Not reported
No
No
No
No
No
Yes
Not reported
Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 33312
NAICS Description: CONSTRUCTION MACHINERY MANUFACTURING

NAICS Code: 42472
NAICS Description: PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

NAICS Code: 532412
NAICS Description: CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Date Violation Was Determined:	20060915
Actual Return to Compliance Date:	20070202
Violation Short Description:	Documented
Return to Compliance Qualifier:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20060915
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Historic Generators:

Receive Date: 19930727
Handler Name: PACIFIC MACHINERY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

1004688795

1004688795

HAWAII PETROLEUM DISPATCH (Continued)

1004688795

1004688795

HAWAII PETROLEUM DISPATCH (Continued)

Actual Return to Compliance Date:	20110203	Documented
Return to Compliance Qualifier:	State	
Violation Responsible Agency:	Not reported	
Scheduled Completion Date:	001	
Enforcement Identifier:	20101215	
Date of Enforcement Action:	State	
Enforcement Responsible Agency:	Not reported	
Enforcement Docket Number:	Not reported	
Enforcement Attorney:	No	
Corrective Action Component:	Not reported	
Appeal Initiated Date:	Not reported	
Appeal Resolution Date:	Not reported	
Disposition Status Date:	Not reported	
Disposition Status:	Not reported	
Disposition Status Description:	Not reported	
Consent/Final Order Sequence Number:	Not reported	
Consent/Final Order Respondent Name:	Not reported	
Consent/Final Order Lead Agency:	Not reported	
Enforcement Type:	WRITTEN INFORMAL	
Enforcement Responsible Person:	TBRAN	
Enforcement Responsible Sub-Organization:	Not reported	
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:	Not reported	
SEP Scheduled Completion Date:	Not reported	
SEP Actual Date:	Not reported	
SEP Delaunted Date:	Not reported	
SEP Type:	Not reported	
Proposed Amount:	Not reported	
Paid Amount:	Not reported	
Final Monetary Amount:	Not reported	
Final Count:	Not reported	
Final Amount:	Not reported	
Found Violation:	Yes	
Agency Which Determined Violation:	State	
Violation Short Description:	Used Oil - Processors and Re-refiners	
Date Violation was Determined:	20060915	
Actual Return to Compliance Date:	20070202	
Return to Compliance Qualifier:	Documented	
Violation Responsible Agency:	State	
Scheduled Completion Date:	Not reported	
Enforcement Identifier:	001	
Date of Enforcement Action:	20060915	
Enforcement Responsible Agency:	State	
Enforcement Docket Number:	Not reported	
Corrective Action Component:	No	
Appeal Initiated Date:	Not reported	
Appeal Resolution Date:	Not reported	
Disposition Status Date:	Not reported	
Disposition Status:	Not reported	
Disposition Status Description:	Not reported	
Consent/Final Order Sequence Number:	Not reported	
Consent/Final Order Respondent Name:	Not reported	
Consent/Final Order Lead Agency:	Not reported	
Enforcement Type:	WRITTEN INFORMAL	
Enforcement Responsible Person:	TBRAN	
Enforcement Responsible Sub-Organization:	Not reported	
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:	Not reported	
SEP Scheduled Completion Date:	Not reported	
SEP Actual Date:	Not reported	
SEP Delaunted Date:	Not reported	
SEP Type:	Not reported	
Proposed Amount:	Not reported	
Paid Amount:	Not reported	
Final Monetary Amount:	Not reported	
Final Count:	Not reported	
Final Amount:	Not reported	
Found Violation:	Yes	
Agency Which Determined Violation:	State	
Violation Short Description:	Used Oil - Transporter and Transfer Facility	
Date Violation was Determined:	20101215	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

EPA ID Number

HAWAII PETROLEUM DISPATCH (Continued)

1004688795

Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: Used Oil - Processors and Re-refiners
Violation Short Description: State
Date Violation was Determined: 20060915
Actual Return to Compliance Date: 20070202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Completion Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060915
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL

Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

Found Violation: Yes
Agency Which Determined Violation: Used Oil - Transporter and Transfer Facility
Violation Short Description: State
Date Violation was Determined: 20060915

HAWAII PETROLEUM DISPATCH (Continued)

1004688795

Actual Return to Compliance Date: 20070202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Completion Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060915
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TBRAN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20060915
Actual Return to Compliance Date: 20070202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Completion Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060915
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

1004688795

MAP FINDINGS

Database(s)

1004688795

MAP FINDINGS

Database(s)

HAWAII PETROLEUM DISPATCH (Continued)

Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Processors and Re-refiners
Date Violation was Determined: 20060915
Actual Return to Compliance Date: 20070202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Processors and Re-refiners
Date Violation was Determined: 20101215
Actual Return to Compliance Date: 20101215
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Actual Return to Compliance Date: 20110203
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Schedulid Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20101215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Processors and Re-refiners
Date Violation was Determined: 20101215
Actual Return to Compliance Date: 20101203
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Processors and Re-refiners
Date Violation was Determined: 20101215
Actual Return to Compliance Date: 20101203
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Violation Responsible Agency: State
Enforcement Identifier: 001
Date of Enforcement Action: State
Enforcement Docket Number: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

HAWAII PETROLEUM DISPATCH (Continued)

Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Processors and Re-refiners
 Date Violation was Determined: 20060915
 Actual Return to Compliance Date: 20070202
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060915
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Evaluation Action Summary:
 Evaluation Date: 20060525
 Evaluation Responsible Agency: State
 Found Violation: Yes

HAWAII PETROLEUM DISPATCH (Continued)

Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Processors and Re-refiners
 Date Violation was Determined: 20060915
 Actual Return to Compliance Date: 20070202
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060915
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Evaluation Action Summary:
 Evaluation Date: 20060525
 Evaluation Responsible Agency: State
 Found Violation: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

HAWAII PETROLEUM DISPATCH (Continued)

1004688795

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HAWAII PETROLEUM DISPATCH (Continued)

1004688795

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20060525
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20070202
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100701
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20110203
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100701
Found Violation: State
Evaluation Type Description: Yes
Evaluation Responsible Agency: TBRAN
Evaluation Responsible Person Identifier: Not reported
Actual Return to Compliance Date: 20110203
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

IS8
SSW
< 1/8
0.095 mi.
503 ft.

**CHEVRON-HILO
HILO MARKETING TERMINAL**
HILO, HI 96720

Site 2 of 9 in cluster1

RCRA-SQG: 20191125
Date Form Received by Agency: IES DOWNSTREAM HILO TERMINAL
Handler Name: 666 KALANIANA'OLE
Handler Address: HILO, HI 96720
EPA ID: HIT000615252
Contact Name: GAIL GODENZI
Contact Address: MALAKOLE ST.
Contact City,State,Zip: KAPOLEI, HI 96707
Contact Telephone: 808-682-3113
Contact Fax: 808-682-2214
Contact Email: GAIL.GODENZI@ISLANDENERGYSERVICES.COM
Contact Title: SENIOR PROCESS ENGINEER
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: KALANIANA'OLE
Mailing Address: HILO, HI 96720
Mailing City,State,Zip: IES DOWNSTREAM, LLC
Owner Name: Private
Operator Name: IES DOWNSTREAM, LLC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelling Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRR Permit Baseline: Not on the Baseline
2018 GPRR Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

RCRA-SQG
ICIS
1000434547
HIT000615252

CHEVRON-HILO (Continued)

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRR Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: No
Groundwater Controls Indicator: N/A
Operating TSDF Universe: N/A
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20191125
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Operator
Owner/Operator Indicator:
CHEVRON
Owner/Operator Name:
Private
Legal Status:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

1000434547

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

CHEVRON-HILO (Continued)

Date Became Current: 19170427
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6004
Owner/Operator City/State/Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 877-386-6044
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: 20020730
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHEVRON PRODUCTS CO.
Legal Status: Private
Date Became Current: 19170101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner/Operator
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: 20020730
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City/State/Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON USA INC.
Legal Status: Private
Date Became Current: 19170101
Date Ended Current: Not reported
Owner/Operator Address: 6001 BOLLINGER CANYON RD
Owner/Operator City/State/Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CHEVRON-HILO (Continued)

Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON USA INC.
Legal Status: Private
Date Became Current: 19170427
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6004
Owner/Operator City/State/Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 877-386-6044
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: IES DOWNSTREAM, LLC
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 30 ROCKEFELLER PLAZA
Owner/Operator City/State/Zip: NEW YORK, NY 10112
Owner/Operator Telephone: 212-605-6000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

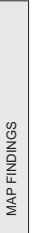
Owner/Operator Indicator: Owner
Owner/Operator Name: IES DOWNSTREAM, LLC
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 30 ROCKEFELLER PLAZA
Owner/Operator City/State/Zip: NEW YORK, NY 10112
Owner/Operator Telephone: 212-605-6000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner/Operator
Owner/Operator Name: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1001 BISHOP ST NO 1000 PAUJAH
Owner/Operator City/State/Zip: HONOLULU, HI 96813
Owner/Operator Telephone: 808-527-2700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: IES DOWNSTREAM, LLC
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 30 ROCKEFELLER PLAZA
Owner/Operator City/State/Zip: NEW YORK, NY 10112
Owner/Operator Telephone: 212-605-6000
Owner/Operator Telephone Ext: Not reported

1000434547

1000434547



CHEVRON-HILO (Continued)
 Owner/Operator Fax: NOT REQUIRED, ME 99999
 Owner/Operator Email: 415-555-1212
 Owner/Operator Indicator: Not reported
 Owner/Operator Name: Not reported
 Legal Status: Not reported
 Date Became Current: Not reported
 Owner/Operator City, State, Zip: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: CHEVRON PRODUCTS CO
 Legal Status: Private
 Date Became Current: 20020730
 Owner/Operator City, State, Zip: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Historic Generators:
 Receive Date: 20120309
 Handler Name: CHEVRON HILO TERMINAL 1001891
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported
 Receive Date: 20180223
 Handler Name: IES DOWNSTREAM HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No
 Receive Date: 20070312
 Handler Name: CHEVRON HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

CHEVRON-HILO (Continued)
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: IES DOWNSTREAM, LLC
 Legal Status: Private
 Date Became Current: 20161101
 Owner/Operator City, State, Zip: 30 ROCKEFELLER PLAZA
 Owner/Operator Address: NEW YORK, NY 10112
 Owner/Operator Telephone: 212-605-6000
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: IES DOWNSTREAM, LLC
 Legal Status: Private
 Date Became Current: 20161101
 Owner/Operator City, State, Zip: 30 ROCKEFELLER PLAZA
 Owner/Operator Address: NEW YORK, NY 10112
 Owner/Operator Telephone: 212-605-6000
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: IES DOWNSTREAM, LLC
 Legal Status: Private
 Date Became Current: 20161101
 Owner/Operator City, State, Zip: 30 ROCKEFELLER PLAZA
 Owner/Operator Address: NEW YORK, NY 10112
 Owner/Operator Telephone: 212-605-6000
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: CHEVRON PRODUCTS CO
 Legal Status: Private
 Date Became Current: 20020730
 Owner/Operator City, State, Zip: Not reported
 Owner/Operator Address: Not reported
 Owner/Operator Telephone: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported
 Owner/Operator Indicator: Operator
 Owner/Operator Name: NOT REQUIRED
 Legal Status: Private
 Date Became Current: Not reported
 Owner/Operator Address: NOT REQUIRED

CHEVRON-HILO (Continued)

19970120
 CHEVRON PRODUCTS CO HILO TERMINAL
 Handler Name: Small Quantity Generator
 Federal Waste Generator Description: Not reported
 State District Owner: No
 Recognized Trader Importer: No
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Not reported
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

20110411
 CHEVRON HILO TERMINAL
 Handler Name: Large Quantity Generator
 Federal Waste Generator Description: Not reported
 State District Owner: No
 Recognized Trader Importer: No
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Not reported
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20020226
 Handler Name: CHEVRON HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 42271 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

NAICS Code: 42471 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:
 Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20060307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060307
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported

CHEVRON-HILO (Continued)

19970120
 CHEVRON PRODUCTS CO HILO TERMINAL
 Handler Name: Small Quantity Generator
 Federal Waste Generator Description: Not reported
 State District Owner: No
 Recognized Trader Importer: No
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Not reported
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

20110411
 CHEVRON HILO TERMINAL
 Handler Name: Large Quantity Generator
 Federal Waste Generator Description: Not reported
 State District Owner: No
 Recognized Trader Importer: No
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Not reported
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20110411
 Handler Name: CHEVRON HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Not reported
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 42271 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

NAICS Code: 42471 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:
 Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20060307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060307
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported

CHEVRON-HILO (Continued)

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110425
 Enforcement Responsible Agency: 10-HW-EA-03
 Enforcement Docket Number: WHARG
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20110426
 Disposition Status: AS
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: FINAL 3005(A) COMPLIANCE ORDER
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: 36810
 Paid Amount: 36810
 Final Count: 1
 Final Amount: 36810

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS: Contingency Plan and Emergency Procedures
 Date Violation was Determined: 20060307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 20060307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060307
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported

CHEVRON-HILO (Continued)

1000434547

1000434547

1000434547

1000434547

1000434547

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: 40900
 Final Monetary Amount: 36810
 Paid Amount: 73620
 Final Count: 1
 Final Amount: 36810

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: INITIAL 3008(A)
 Enforcement Responsible Sub-Organization: COMPLIANCE
 TBRAN
 Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Sub-Organization: TBRAN
 Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported

CHEVRON-HILO (Continued)

1000434547

1000434547

1000434547

1000434547

1000434547

1000434547

Enforcement Identifier: 001
 Date of Enforcement Action: 20100831
 State
 Enforcement Responsible Agency: 10-HW-EA-03
 Enforcement Docket Number: WHARG
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: COMPLIANCE
 Enforcement Responsible Sub-Organization: TBRAN
 Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Sub-Organization: TBRAN
 Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported

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CHEVRON-HILO (Continued)

Enforcement Identifier: 001
 Date of Enforcement Action: 20100831
 State: State
 Enforcement Responsible Agency: 10-HW-EA-03
 Enforcement Docket Number: WHARG
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: COMPLIANCE
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: 40900
 Final Monetary Amount: 36810
 Paid Amount: 73620
 Final Count: 1
 Final Amount: 36810

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS-Container Use and Management
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20090813
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported

10004/34547

CHEVRON-HILO (Continued)

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110425
 Enforcement Responsible Agency: State
 Enforcement Docket Number: 10-HW-EA-03
 Enforcement Attorney: WHARG
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20110426
 Disposition Status: AS
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: COMPLIANCE ORDER
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: 36810
 Final Monetary Amount: 36810
 Paid Amount: 1
 Final Amount: 36810

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

10004/34547

CHEVRON-HILO (Continued)

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

CHEVRON-HILO (Continued)

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20060307
Actual Return to Compliance Date: 20081125
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060307
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 20060307
Actual Return to Compliance Date: 20081125
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported

CHEVRON-HILO (Continued)

Enforcement Identifier: 001
Date of Enforcement Action: 20060307
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION

CHEVRON-HILO (Continued) 1000434547

SEP Scheduled Completion Date:	Not reported	Enforcement Identifier:	001
SEP Actual Date:	Not reported	Date of Enforcement Action:	20110425
SEP Defaulted Date:	Not reported	Enforcement Responsible Agency:	State
SEP Type:	Not reported	Enforcement Docket Number:	10-HW-EA-03
SEP Type Description:	Not reported	Enforcement Attorney:	WHARG
Proposed Amount:	Not reported	Corrective Action Component:	No
Final Monetary Amount:	Not reported	Appeal Initiated Date:	Not reported
Paid Amount:	Not reported	Appeal Resolution Date:	Not reported
Final Count:	Not reported	Disposition Status Date:	20110426
Final Amount:	Not reported	Disposition Status:	AS
Found Violation:	Yes	Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Agency Which Determined Violation:	State	Consent/Final Order Sequence Number:	Not reported
Violation Short Description:	TSD IS-Preparedness and Prevention	Consent/Final Order Respondent Name:	Not reported
Date Violation was Determined:	20060307	Consent/Final Order Lead Agency:	FINAL 3008(A) COMPLIANCE ORDER
Actual Return to Compliance Date:	20081125	Enforcement Type:	TBRAN
Return to Compliance Qualifier:	Documented	Enforcement Responsible Sub-Organization:	Not reported
Violation Responsible Agency:	State	SEP Sequence Number:	Not reported
Scheduled Compliance Date:	001	SEP Expenditure Amount:	Not reported
Enforcement Identifier:	20060307	SEP Scheduled Completion Date:	Not reported
Date of Enforcement Action:	State	SEP Actual Date:	Not reported
Enforcement Responsible Agency:	Not reported	SEP Defaulted Date:	Not reported
Enforcement Docket Number:	No	SEP Type:	Not reported
Corrective Action Component:	Not reported	SEP Type Description:	Not reported
Appeal Initiated Date:	Not reported	Proposed Amount:	36810
Appeal Resolution Date:	Not reported	Paid Amount:	36810
Disposition Status Date:	Not reported	Final Count:	1
Disposition Status:	Not reported	Final Amount:	36810
Consent/Final Order Sequence Number:	Not reported	Found Violation:	Yes
Consent/Final Order Respondent Name:	Not reported	Agency Which Determined Violation:	State
Consent/Final Order Lead Agency:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION	Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Enforcement Type:	TBRAN	Date Violation was Determined:	20140608
Enforcement Responsible Person:	Not reported	Actual Return to Compliance Date:	20140608
Enforcement Responsible Sub-Organization:	Not reported	Return to Compliance Qualifier:	Documented
SEP Sequence Number:	Not reported	Violation Responsible Agency:	State
SEP Expenditure Amount:	Not reported	Scheduled Compliance Date:	Not reported
SEP Scheduled Completion Date:	Not reported	Enforcement Identifier:	20140508
SEP Actual Date:	Not reported	Date of Enforcement Action:	State
SEP Defaulted Date:	Not reported	Enforcement Responsible Agency:	Not reported
SEP Type:	Not reported	Enforcement Docket Number:	Not reported
SEP Type Description:	Not reported	Corrective Action Component:	No
Proposed Amount:	Not reported	Appeal Initiated Date:	Not reported
Final Monetary Amount:	Not reported	Appeal Resolution Date:	Not reported
Paid Amount:	Not reported	Disposition Status Date:	Not reported
Final Count:	Not reported	Disposition Status:	Not reported
Final Amount:	Not reported	Disposition Status Description:	Not reported
Found Violation:	Yes	Consent/Final Order Sequence Number:	Not reported
Agency Which Determined Violation:	State	Consent/Final Order Respondent Name:	Not reported
Violation Short Description:	TSD IS-Container Use and Management	Consent/Final Order Lead Agency:	WRITTEN INFORMAL
Date Violation was Determined:	20090813	Enforcement Type:	TBRAN
Actual Return to Compliance Date:	20110425	Enforcement Responsible Person:	Not reported
Return to Compliance Qualifier:	Documented	Enforcement Responsible Sub-Organization:	Not reported
Violation Responsible Agency:	State	SEP Sequence Number:	Not reported
Scheduled Compliance Date:	Not reported	SEP Expenditure Amount:	Not reported

1000434547

CHEVRON-HILO (Continued)

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20090813
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

1000434547

CHEVRON-HILO (Continued)

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD IS Contingency Plan and Emergency Procedures
 Date Violation was Determined: 20140608
 Actual Return to Compliance Date: 20140608
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20140608
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: TBRAN
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported

1000434547

CHEVRON-HILO (Continued)

SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20090813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

CHEVRON-HILO (Continued)

1000434547

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20060307
Actual Return to Compliance Date: 20081125
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060307
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Type Description: TBRAN
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20090813
Actual Return to Compliance Date: 20110425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported

CHEVRON-HILO (Continued)

1000434547

Enforcement Identifier: 001
Date of Enforcement Action: 20100831
Enforcement Responsible Agency: State
Enforcement Docket Number: 10-HW-EA-03
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: COMPLIANCE
Enforcement Type Description: INITIAL 3008(A)
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 40900
Final Monetary Amount: 36810
Paid Amount: 73620
Final Count: 1
Final Amount: 36810

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 20140608
Actual Return to Compliance Date: 20140608
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20140608
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Type Description: TBRAN
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEVRON-HILO (Continued)

1000434547

CHEVRON-HILO (Continued)

1000434547

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Enforcement Identifier: 001
Date of Enforcement Action: 20100831
Enforcement Responsible Agency: State
Enforcement Docket Number: 10-HW-EA-03
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: INITIAL 3008(A)
Enforcement Type: COMPLIANCE
Enforcement Responsible Sub-Organization: TBRAN
Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 40900
Paid Amount: 36810
Final Count: 1
Final Amount: 36810

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 20090813
Actual Return to Compliance Date: 20110425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20090813
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Type: TBRAN
Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20090813
Actual Return to Compliance Date: 20110425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20110425
Enforcement Responsible Agency: State
Enforcement Docket Number: 10-HW-EA-03
Enforcement Attorney: WHARG
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20110426
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: COMPLIANCE ORDER
Enforcement Type: TBRAN
Enforcement Responsible Person: Not reported
SEP Sequence Number: Not reported
SEP Scheduled Completion Date: Not reported

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CHEVRON-HILO (Continued)
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: 36810
 Final Monetary Amount: 36810
 Paid Amount: 1
 Final Count: 36810

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Permits - General Information
 Date Violation was Determined: 20140508
 Actual Return to Compliance Date: 20140905
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: 001
 Enforcement Identifier: 20140508
 Date of Enforcement Action: State
 Enforcement Docket Number: Not reported
 Enforcement Type: Not reported
 Consent/Final Order Respondent Name: No
 Consent/Final Order Lead Agency: Appeal Resolution Date:
 Disposition Status Date:
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 20080813
 Actual Return to Compliance Date: 20110425
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110425
 Enforcement Responsible Agency: State
 Enforcement Docket Number: 10-HW-EA-03
 Consent/Final Order Respondent Name: WHARG
 Consent/Final Order Lead Agency: No
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: 20110426
 Enforcement Responsible Person: AS
 SEP Sequence Number: ACTION SATISFIED (CASE CLOSED)
 SEP Expenditure Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20080307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported

CHEVRON-HILO (Continued)
 Enforcement Identifier: 001
 Date of Enforcement Action: 20110425
 Enforcement Responsible Agency: State
 Enforcement Docket Number: 10-HW-EA-03
 Enforcement Attorney: WHARG
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20110426
 Disposition Status: AS
 ACTION SATISFIED (CASE CLOSED)

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: TBRAN
 Enforcement Type: COMPLIANCE ORDER
 Enforcement Responsible Person: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: 36810
 Paid Amount: 36810
 Final Count: 1
 Final Amount: 36810

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Pre-transport
 Date Violation was Determined: 20060307
 Actual Return to Compliance Date: 20081125
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20060307
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent

CHEVRON-HILO (Continued)

001

Not reported

Not reported

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SEP Scheduled Completion Date:

Not reported

Not reported

Not reported

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Not reported

Not reported

SEP Actual Date:

Not reported

Not reported

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SEP Type:

Not reported

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Proposed Amount:

Not reported

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Paid Amount:

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Final Count:

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Final Amount:

Not reported

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Not reported

Not reported

Not reported

Not reported

Found Violation:

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Agency Which Determined Violation:

Slate

Slate

Slate

Slate

Slate

Slate

Slate

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Violation Short Description:

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

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TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

TSD IS-Preparedness and Prevention

Date Violation was Determined:

20090813

20090813

20110425

20110425

20110425

20110425

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20110425

20110425

20110425

20110425

Return to Compliance Qualifier:

Documented

Documented

Documented

Documented

Documented

Documented

Documented

Documented

Documented

Documented

Documented

Violation Responsible Agency:

Slate

Slate

Slate

Slate

Slate

Slate

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Slate

Slate

Slate

Slate

Scheduled Compliance Date:

Not reported

Not reported

Not reported

Not reported

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Not reported

Enforcement Identifier:

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Date of Enforcement Action:

Not reported

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Enforcement Docket Number:

Not reported

Not reported

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Not reported

Corrective Action Component:

Not reported

Not reported

Not reported

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Not reported

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Appeal Resolution Date:

Not reported

Not reported

Not reported

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Not reported

Not reported

Disposition Status:

Not reported

Not reported

Not reported

Not reported

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Not reported

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Not reported

Not reported

Consent/Final Order Sequences Number:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Consent/Final Order Respondent Name:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

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Not reported

Not reported

Consent/Final Order Lead Agency:

Not reported

Not reported

Not reported

Not reported

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Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Enforcement Type:

TBRAN

TBRAN

TBRAN

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TBRAN

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TBRAN

Site	Database(s)	MAP FINDINGS	MAP FINDINGS
CHEVRON-HILO (Continued)			
Evaluation Date:	20050415	Not reported	Not reported
Evaluation Responsible Agency:	State	20110425	20110425
Found Violation:	Yes	Not reported	Not reported
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE	Not reported	Not reported
Evaluation Responsible Person Identifier:	TBRAN	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20181207	20181207
Evaluation Date:	20050415	State	State
Evaluation Responsible Agency:	Yes	No	No
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	SAMIN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20090206	20090206
Evaluation Date:	20050415	State	State
Evaluation Responsible Agency:	Yes	Yes	Yes
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	TBRAN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20100629	20100629
Evaluation Date:	20050415	State	State
Evaluation Responsible Agency:	Yes	Yes	Yes
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	TBRAN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20100629	20100629
Evaluation Date:	20050415	State	State
Evaluation Responsible Agency:	Yes	Yes	Yes
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	TBRAN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20100629	20100629
Evaluation Date:	20050415	State	State
Evaluation Responsible Agency:	Yes	Yes	Yes
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	TBRAN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20081125	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	20100629	20100629
Evaluation Date:	20090206	State	State
Evaluation Responsible Agency:	Yes	Yes	Yes
Found Violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	TBRAN	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Type Description:	TBRAN	Not reported	Not reported
Evaluation Responsible Person Identifier:	Not reported	Not reported	Not reported
Actual Return to Compliance Date:	20110425	Not reported	Not reported
Scheduled Compliance Date:	Not reported	Not reported	Not reported
Date of Request:	Not reported	Not reported	Not reported
Date Response Received:	Not reported	Not reported	Not reported
Request Agency:	Not reported	Not reported	Not reported
Former Citation:	Not reported	Not reported	Not reported

CHEVRON-HILO (Continued)

Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20050415
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20050415
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20120403
 Evaluation Date: EPA
 Found Violation: Undetermined
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: EARMI
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20050415
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

CHEVRON-HILO (Continued)

Request Agency: Not reported
 Former Citation: Not reported

20090206
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20110425
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20090206
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20110425
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20050415
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20090206
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20110425
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

20050415
 Evaluation Date: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: Not reported
 Scheduled Compliance Date: 20081125
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

CHEVRON-HILO (Continued)

Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20090206
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20110425
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20090206
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20110425
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20140321
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20140905
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20050415
 Evaluation Responsible Agency: State
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20081125
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

CHEVRON-HILO (Continued)

Enforcement Action Forum Desc: Administrative - Informal
 EA Type Code: NOV
 Facility SIC Code: 5171
 Federal Facility ID: Not reported
 Latitude in Decimal Degrees: 19.729455
 Longitude in Decimal Degrees: -155.050488
 Permit Type Desc: Not reported
 Program System Acronym: H10000001500100050
 Facility NAICS Code: 424710
 Tribal Land Code: Not reported

Enforcement Action ID: 09-2001-A006
 FRS ID: 110000888353
 Action Name: CHEVRON-HILO 150010005000018
 Facility Name: CHEVRON-HILO
 Facility Address: HILO MARKETING TERMINAL
 HILO, HI 96720
 Enforcement Action Type: Civil Judicial Action
 Facility County: HAWAII
 Program System Acronym: AIR
 Enforcement Action Forum Desc: Judicial
 EA Type Code: CIV
 Facility SIC Code: 5171
 Federal Facility ID: Not reported
 Latitude in Decimal Degrees: 19.729455
 Longitude in Decimal Degrees: -155.050488
 Permit Type Desc: Not reported
 Program System Acronym: H10000001500100050
 Facility NAICS Code: 424710
 Tribal Land Code: Not reported

CHEVRON USA INC
666 KALANIANA'OLE AVE
HILO, HI 96720
Site 3 of 9 in cluster 1
 EDR Hist Auto
 Year: Name: Type:
 1990 CHEVRON U S A INC Gasoline Service Stations, NEC
 2005 CHEVRON USA INC Gasoline Service Stations, NEC
 2006 CHEVRON USA INC Gasoline Service Stations, NEC
 2007 CHEVRON USA INC Gasoline Service Stations, NEC
 2008 CHEVRON USA INC Gasoline Service Stations, NEC
 2009 CHEVRON USA INC Gasoline Service Stations, NEC
 2010 CHEVRON USA INC Gasoline Service Stations, NEC
 2011 CHEVRON USA INC Gasoline Service Stations, NEC
 2012 CHEVRON USA INC Gasoline Service Stations, NEC
 2013 CHEVRON USA INC Gasoline Service Stations, NEC
 2014 CHEVRON USA INC Gasoline Service Stations, NEC

160
AKANA PETROLEUM INC
666 A KALANIANA'OLE AVE
HILO, HI 96720
Site 4 of 9 in cluster 1
 EDR Hist Auto
 Year: Name: Type:
 1982 AKANA PETROLEUM INC Petroleum Products, NEC
 1983 AKANA PETROLEUM INC Petroleum Products, NEC

161
HILO TERMINAL 666 KALANIANA'OLE AVENUE
666 KALANIANA'OLE AVE
HILO, HI 96720
Site 5 of 9 in cluster 1
 SHWS:
 Name: IES HILO TERMINAL
 Address: 666 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contract Information: Not reported
 Facility ID: 942
 Location Description: 666 Kalaniana'ole Ave
 Is Public: Yes
 Update On: 2021-11-17 15:37:09
 Latitude: 19.728206
 Longitude: -155.054783

166
AKANA PETROLEUM INC
666 A KALANIANA'OLE AVE
HILO, HI 96720
Site 4 of 9 in cluster 1
 EDR Hist Auto
 Year: Name: Type:
 1982 AKANA PETROLEUM INC Petroleum Products, NEC
 1983 AKANA PETROLEUM INC Petroleum Products, NEC

169
SSW
< 1/8
0.095 mi.
503 ft.
Relative: Higher
Actual: 13 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

EDR ID Number
EPA ID Number

Database(s)

Site

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued)

S106817731

Reported Date: 12/28/15 1:25 PM EST

Release Date: Not reported
Release Duration: Not reported
Media: Ocean
Waterbody: Not reported
Summary: Drill

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:

No
Not reported
Tax Map Key: Not reported
Assigned SOS: Liz Galvez
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: 1136786

Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
Address: 666 KALANIANA'OLE AVE

Address 2: Not reported
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Not reported
Case Number: 20070301-0102
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R

ER: No -
Units: Unknown Sheen Near Barge
Activity Type: Response

Activity Lead: Anna Fernandez
Assignment End Date: 2007-03-01 00:00:00
File Under: SOS-C NFA

Substances: Chevron Corporation
Quantity: Oil

Units: Not reported
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key: Not reported
Assigned SOS: Not reported

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued)

S106817731

Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: 19.727167700000001
Latitude: -155.05462299999999
Longitude: Not reported

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
Address: 666 KALANIANA'OLE AVE

Address 2: Not reported
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Not reported
Case Number: 20131001-1700
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R

ER: None
Units: Not reported
Activity Type: Hilo Chevron Port area
Activity Lead: Liz Galvez

Assignment End Date: 2013-10-01 00:00:00
File Under: Refer to SDAR

Substances: Chevron Corporation
Quantity: Oil

Units: Unknown
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:

Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported

Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued) S106817731

Latitude: 19.669319999999999
 Longitude: -155.307075

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
 Address: 666 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20070301-0102
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: No -
 Less Or Greater Than: Not reported
 Units: Unknown Sheen Near Barge
 Activity Type: Response
 Activity Lead: Anna Fernandez
 Assignment End Date: 2007-03-01 00:00:00
 Result: SOSOC NFA
 File Under: Chevron Corporation
 Substances: Oil
 Quantity: Not reported
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSOC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319999999999
 Longitude: -155.307075

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
 Address: 666 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20110608-1048
 Facility Registry ID: Not reported

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued) S106817731

HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Units: Drill - Firearm in a Contractor's Van
 Activity Type: Response
 Activity Lead: Liz Galvez
 Assignment End Date: 2008-06-08 00:00:00
 Result: Drill
 File Under: Chevron Corporation
 Substances: Not reported
 Quantity: Not reported
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSOC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.727167000000001
 Longitude: -155.09462289999999

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
 Address: 666 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20141216-1519
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Units: Drill Chevron Hilo Terminal Earthquake Drill
 Activity Type: Drill
 Activity Lead: Liz Galvez
 Assignment End Date: 2014-12-16 00:00:00
 Result: Drill
 File Under: Chevron Corporation
 Substances: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued)

S106817731

HILO TERMINAL 666 KALANIANA'OLE AVENUE (Continued)

S106817731

Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.727167000000001
 Longitude: -155.054622999999999

Name: HILO TERMINAL 666 KALANIANA'OLE AVENUE
 Address: 666 KALANIANA'OLE AVE
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 20090428-0411
 Facility Registry ID: Not reported
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Units: DRILL Discharge of jet fuel from tanker truck NRC 904069 DRILL DRILL
 Activity Type: Response
 Activity Lead: Liz Galvez
 Assignment End Date: 2009-04-28 00:00:00
 Result: Drill
 File Under: Chevron Corporation
 Jet Fuel JP-8
 Substances: 250 Gallons
 Units: Not reported
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Notworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOS: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: 19.669319999999999
 Latitude: -155.307075
 Longitude:

Click this [hyperlink](#) while viewing on your computer to access 5 additional HI SPILLS: record(s) in the EDR Site Report.

AIRS:
Name: IES DOWNSTREAM, LLC
Address: 666 KALANIANA'OLE STREET

City/State/Zip: HILO, HI
 Facility Identifier: 0079-01-C
 Island: Hawaii
 Mailing Address: Not reported
 Locale: Not reported
 Mailing City: Not reported
 Contact Name: Not reported
 Mailing State: Not reported
 Mailing Zip: Hawaii
 Contact Phone: Not reported
 Business Phone: Not reported
 Issue Date: 05/07/2012
 Expiration Date: 05/06/2017
 Description: Hilo Marketing Terminal Attachment IIA-1. Attachment IIA of this permit encompasses each piece of equipment used in a system that transfers gasoline or gasoline vapors. Equipment under Attachment IIA is each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connector in the gasoline liquid transfer, and vapor collection systems. Equipment under Attachment IIA also includes the entire vapor processing system except for exhaust port(s) or stack(s). Attachment IIB-1. Attachment IIB of this permit encompasses the following storage tanks: Tank No. Capacity (barrels) Tank Description 313.092 Internal floating roof with mechanical shoe primary seal 9951 Internal floating roof with primary wiper seal 101.678 Internal floating roof with mechanical shoe primary seal 319.638 Internal floating roof with mechanical shoe primary seal 52.553 Internal floating roof with mechanical shoe primary seal 174.657 Internal floating roof with mechanical shoe primary seal ----- greater than or equal to 40,000 gallons (952 barrels) tanks storing volatile organic liquid with true vapor pressure equal to or greater than 1.5 psia Attachment IIC-1. Attachment IIC of this permit encompasses the following equipments: Bottom loading rack with two (2) loading lanes, and eleven (11) total combined 600 gallon permit miniature capsule rack arms; and John Zink vapor combustion unit, model no. ZCT-2-6-35-X-2/B-X-X, serial no. 3843-1, TAC no. 9003586800461.

62
NW
-118
0.120 mi.
633 ft.
Relative:
Lower
Actual:
0 ft.

YOUNG BROTHERS, LTD.
KUHIO WHARF PIER 2
HILO, HI 96720

LUST:
Name: YOUNG BROTHERS, LTD.
Address: KUHIO WHARF PIER 2
City/State/Zip: HILO, HI 96720
Facility ID: 9-600716
Facility Status: Site Cleanup Completed (NFA)
Release ID: 06/06/1996
Project Officer: Raymond Seid

UST:
Name: YOUNG BROTHERS, LTD.
Address: KUHIO WHARF PIER 2
City/State/Zip: HILO, HI 96720

HI LUST
HI LUST
NA

U00322316

YOUNG BROTHERS, LTD. (Continued)
 Facility ID: 9-600716
 Owner: YOUNG BROTHERS, LTD.
 Owner Address: P.O. BOX 3288
 Owner City, St, Zip: Hilo, 96720 96720
 Latitude: 19.729375000000001
 Longitude: -155.054982
 Horizontal Reference Datum Name: Not reported
 Horizontal Collection Method Name: Not reported
 Tank ID: R-01
 Date Installed: 03/18/1961
Tank Status: Permanently Out of Use
 Date Closed: Not reported
 Tank Capacity: 1000
 Substance: Diesel

ALOHA PETROLEUM HILO BULK PLANT
 999 KALANIANA'OLE AVE
 HILO, HI 96720
Site 1 of 3 in cluster J
 SHWS:
 Name: ALOHA PETROLEUM HILO EAST
 Address: 999 KALANIANA'OLE AVE
 City, State, Zip: HILO, HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported

Relative: Higher
Actual: 8 ft.

ALOHA PETROLEUM HILO BULK PLANT (Continued)
 Facility ID: 58
 Location Description: 989 Kalaniana'ole Ave, Aloha Petroleum Hilo East Fuel Terminal
 Is Public: True
 Update On: 2021-12-22 06:35:49
 Latitude: 19.730318
 Longitude: -155.046831

SPILLS:
 Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIANA'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City, State, Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 19800213-1
 Facility Registry ID: 11000886335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported
 Units: TEXACO, Pier 3, HILO HARBOR
 Activity Type: Response
 Activity Lead: Bruce Schlieman
 Assignment End Date: Not reported
 Result: SOSC NFA
 File Under: Aloha Petroleum, Ltd.
 Substances: UNLEADED GASOLINE
 Quantity: 1000
 Units: Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported
 Is Note-worthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Invoice Date: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.730318989898989
 Longitude: -155.046881

HI SHWS \$105263923
HI SPILLS N/A

ALOHA PETROLEUM HILO BULK PLANT
 989 KALANIANA'OLE AVE
 ALOHA PETROLEUM HILO EAST FUEL TERMINAL

Relative: Higher
Actual: 8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

\$105263923

ALOHA PETROLEUM HILO BULK PLANT (Continued)

\$105263923

Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.730063999999999
Longitude: -155.048981
Name: ALOHA PETROLEUM HILO BULK PLANT
Address: 999 KALANIANAOLE AVE
City/State/Zip: ALOHA PETROLEUM HILO EAST FUEL TERMINAL HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Hilo Harbor
Case Number: 20111101-1100
Facility Registry ID: 110000886335
HID Number: Not reported
HEER EP&R: Not reported
ER: None
Lead and Program: Not reported
Less Or Greater Than: ALOHA Petroleum Hilo Bulk Plant NRC 994251
Units: Not reported
Activity Type: Response
Activity Lead: Liz Galvez
Assignment End Date: Not reported
File Under: ALOHA Petroleum, Ltd.
Result: Diesel Fuel
Substances: 14000
Quantity: Gallons
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported

Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.669319999999999
Longitude: -155.307075
Name: ALOHA PETROLEUM HILO BULK PLANT
Address: 999 KALANIANAOLE AVE
City/State/Zip: ALOHA PETROLEUM HILO EAST FUEL TERMINAL HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Hilo Harbor
Case Number: 19960613-1225
Facility Registry ID: 110000886335
HID Number: Not reported
HEER EP&R: Not reported
ER: Yes
Lead and Program: Not reported
Less Or Greater Than: Not reported
Units: Texaco Terminal Pier 2 Hilo Harbor
Activity Type: Response
Activity Lead: Bill Perry
Assignment End Date: Not reported
File Under: SOS NFA
Result: Alpha Petroleum, Ltd.
Substances: Gasoline
Quantity: 3
Units: Gallons
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported
Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOS: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 19.730063999999999
Longitude: -155.048981
Name: ALOHA PETROLEUM HILO BULK PLANT

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

ALOHA PETROLEUM HILO BULK PLANT (Continued)

Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 19960613-1225
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Yes
 Less Or Greater Than: Not reported
 Units: Not reported
 Activity Type: Texaco Terminal Pier 2 Hilo Harbor
 Activity Lead: Response
 Assignment End Date: Bill Perry
 Result: Not reported
 SOSC NFA
 File Under: Alpha Petroleum, Ltd.
 Substances: Gasoline
 Quantity: 3
 Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319898999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 20141020-1210
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Units: Drill Alpha Petroleum
 Activity Type: Drill
 Activity Lead: Adam Teekell
 Assignment End Date: 2014-10-20 00:00:00
 Result: Drill
 File Under: Alpha Petroleum, Ltd.
 Substances: Diesel Fuel
 Quantity: 0
 Reported Date: Not reported
 Release Date: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319898999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 20141020-1210
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Units: Drill Alpha Petroleum
 Activity Type: Drill
 Activity Lead: Adam Teekell
 Assignment End Date: 2014-10-20 00:00:00
 Result: Drill
 File Under: Alpha Petroleum, Ltd.
 Substances: Diesel Fuel
 Quantity: 0
 Reported Date: Not reported
 Release Date: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319898999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 19970710-1217
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319898999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 19970710-1217
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported

Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319898999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 989 KALANIAN'OLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 19970710-1217
 Facility Registry ID: 110000888335
 HID Number: Not reported
 Lead and Program: HEER EP&R
 ER: Not reported
 Less Or Greater Than: Not reported

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EPA ID Number

EPA ID Number

Map ID
 Direction
 Distance
 Elevation

Database(s)

EPA ID Number

EPA ID Number

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EPA ID Number

EPA ID Number

\$105263923

ALOHA PETROLEUM HILO BULK PLANT (Continued)

Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.730063199999999
 Longitude: -155.048981

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 999 KALANIANAOLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 20041103-1200
 Facility Registry ID: 110000886335
 HID Number: Not reported
 HEER EP&R: HEER EP&R
 ER: Off Scene

Units: Not reported
 Activity Type: Less Or Greater Than:
 Activity Lead: Cargo Pipeline Leak - Pier 3
 Assignment End Date: Not reported
 File Under: LIZ GALVEZ
 Substances: SOSC NFA
 Quantity: 5
 Units: Alpha Petroleum, Ltd
 Reported Date: Gasoline, Premium Unleaded
 Release Date: 5
 Release Duration: Gallons
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319999999999
 Longitude: -155.307075

\$105263923

ALOHA PETROLEUM HILO BULK PLANT (Continued)

Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported
 Is Noteworthy for Reports: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.669319999999999
 Longitude: -155.307075

Name: ALOHA PETROLEUM HILO BULK PLANT
 Address: 999 KALANIANAOLE AVE
 Address 2: ALOHA PETROLEUM HILO EAST FUEL TERMINAL
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Hilo Harbor
 Case Number: 20141020-1210
 Facility Registry ID: 110000886335
 HID Number: Not reported
 HEER EP&R: HEER EP&R
 ER: None
 Less Or Greater Than: Not reported
 Activity Type: Drill/Alpha Petroleum
 Activity Lead: Adam Teekell
 Assignment End Date: 2014-10-20 00:00:00
 File Under: Drill
 Substances: Alpha Petroleum, Ltd.
 Quantity: 0
 Units: Diesel Fuel
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported

Is Noteworthy for Reports: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported

Map ID
Direction
Distance
Elevation

Site

EDR ID Number
EPA ID Number
Database(s)

ALOHA PETROLEUM - HILO (Continued)

1000455794

1000455794

Legal Status: Private
Date Became Current: Not reported
Owner/Operator Name: P O BOX 500
HONOLULU, HI 96809
Owner/Operator City,State,Zip: 808-522-9700
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM AND EQUILON ENTRP
Owner/Operator Name: Private
Legal Status: Not reported
Date Became Current: Not reported
Owner/Operator Name: P O BOX 500
HONOLULU, HI 96809
Owner/Operator City,State,Zip: 808-522-9700
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM, LTD
Owner/Operator Name: Private
Legal Status: Not reported
Date Became Current: Not reported
Owner/Operator Name: 1132 BISHOP ST
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-522-9704
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: STATE OF HI DLNR LAND DIVISION
Owner/Operator Name: State
Legal Status: Not reported
Date Became Current: Not reported
Owner/Operator Name: 1151 PUNCHBOWL ST ROOM 220
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-587-0419
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: STATE OF HI DLNR LAND DIVISION
Owner/Operator Name: State
Legal Status: Not reported
Date Became Current: Not reported
Owner/Operator Name: 1151 PUNCHBOWL ST ROOM 220
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-587-0419
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM, LTD
Owner/Operator Name: Private
Legal Status: Not required
Date Became Current: Not reported
Owner/Operator Name: 1132 BISHOP STREET, SUITE 1700
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-960-1084
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM, LTD
Owner/Operator Name: Private
Legal Status: Not required
Date Became Current: Not reported
Owner/Operator Name: 1132 BISHOP STREET, SUITE 1700
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-960-1084
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM, LTD
Owner/Operator Name: Private
Legal Status: Not required
Date Became Current: Not reported
Owner/Operator Name: 1132 BISHOP STREET, SUITE 1700
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-960-1084
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: ALOHA PETROLEUM, LTD
Owner/Operator Name: Private
Legal Status: Not required
Date Became Current: Not reported
Owner/Operator Name: 1132 BISHOP STREET, SUITE 1700
HONOLULU, HI 96813
Owner/Operator City,State,Zip: 808-960-1084
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

ALOHA PETROLEUM - HILO (Continued)

Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20160307
 Handler Name: ALOHA PETROLEUM HILO EAST TERMINAL
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20070312
 Handler Name: ALOHA HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 19980609
 Handler Name: ALOHA HILO TERMINAL
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20120712
 Handler Name: ALOHA PETROLEUM HILO EAST TERMINAL
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20210621

List of NAICS Codes and Descriptions: 42271 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Code: 42471 PETROLEUM BULK STATIONS AND TERMINALS
 NAICS Description:

Site	Database(s)	Site	Database(s)
ALOHA PETROLEUM - HILO (Continued)	1000455794	ALOHA PETROLEUM - HILO (Continued)	1000455794
<p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: Permits - General Information</p> <p>Date Violation was Determined: 20070511</p> <p>Actual Return to Compliance Date: 20070702</p> <p>Return to Compliance Qualifier: Documented</p> <p>Violation Responsible Agency: State</p> <p>Scheduled Compliance Date: Not reported</p> <p>Enforcement Identifier: 001</p> <p>Date of Enforcement Action: 20070511</p> <p>Enforcement Responsible Agency: State</p> <p>Enforcement Docket Number: Not reported</p> <p>Enforcement Attorney: Not reported</p> <p>Corrective Action Component: No</p> <p>Appeal Initiated Date: Not reported</p> <p>Appeal Resolution Date: Not reported</p> <p>Disposition Status Date: Not reported</p> <p>Disposition Status: Not reported</p> <p>Consent/Final Order Sequence Number: Not reported</p> <p>Consent/Final Order Respondent Name: Not reported</p> <p>Consent/Final Order Lead Agency: Not reported</p> <p>Enforcement Type: WRITTEN INFORMAL</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: TBRAN</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Propose Amount: Not reported</p> <p>Final Monetary Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Court: Not reported</p> <p>Final Amount: Not reported</p>	<p>Yes</p> <p>State</p> <p>Permits - General Information</p> <p>20070511</p> <p>20070702</p> <p>Documented</p> <p>State</p> <p>Not reported</p> <p>001</p> <p>20070511</p> <p>State</p> <p>Not reported</p> <p>Not reported</p> <p>No</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>WRITTEN INFORMAL</p> <p>Not reported</p> <p>TBRAN</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p>	<p>Found Violation: Yes</p> <p>Agency Which Determined Violation: State</p> <p>Violation Short Description: COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>Date Violation was Determined: 20070511</p> <p>Actual Return to Compliance Date: 20070702</p> <p>Return to Compliance Qualifier: Documented</p> <p>Violation Responsible Agency: State</p> <p>Scheduled Compliance Date: Not reported</p> <p>Enforcement Identifier: 001</p> <p>Date of Enforcement Action: 20070511</p> <p>Enforcement Responsible Agency: State</p> <p>Enforcement Docket Number: Not reported</p> <p>Enforcement Attorney: Not reported</p> <p>Corrective Action Component: No</p> <p>Appeal Initiated Date: Not reported</p> <p>Appeal Resolution Date: Not reported</p> <p>Disposition Status Date: Not reported</p> <p>Disposition Status: Not reported</p> <p>Consent/Final Order Sequence Number: Not reported</p> <p>Consent/Final Order Respondent Name: Not reported</p> <p>Consent/Final Order Lead Agency: Not reported</p> <p>Enforcement Type: WRITTEN INFORMAL</p> <p>Enforcement Responsible Person: Not reported</p> <p>Enforcement Responsible Sub-Organization: TBRAN</p> <p>SEP Sequence Number: Not reported</p> <p>SEP Expenditure Amount: Not reported</p> <p>SEP Scheduled Completion Date: Not reported</p> <p>SEP Actual Date: Not reported</p> <p>SEP Defaulted Date: Not reported</p> <p>SEP Type: Not reported</p> <p>Propose Amount: Not reported</p> <p>Final Monetary Amount: Not reported</p> <p>Paid Amount: Not reported</p> <p>Final Court: Not reported</p> <p>Final Amount: Not reported</p>	<p>Yes</p> <p>State</p> <p>COMPLIANCE EVALUATION INSPECTION ON-SITE</p> <p>20070511</p> <p>20070702</p> <p>Documented</p> <p>State</p> <p>Not reported</p> <p>001</p> <p>20070511</p> <p>State</p> <p>Not reported</p> <p>Not reported</p> <p>No</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>WRITTEN INFORMAL</p> <p>Not reported</p> <p>TBRAN</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ALOHA PETROLEUM - HILO (Continued)

1000455794

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: SPOC
Activity Date: 2016-02-24 00:00:00
Activity Status Date: 2016-02-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Judicial
Activity Status: Final Order Entered

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-08-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-04-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-08-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Site

ALOHA PETROLEUM - HILO (Continued)

1000455794

Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-07-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-06-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR H10000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

ALOHA PETROLEUM - HILO (Continued)

Activity Date: 2002-03-30 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2002-04-25 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2003-03-30 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2003-04-24 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2003-05-22 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335

ALOHA PETROLEUM - HILO (Continued)

Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Title V Permits
 Activity Date: 2003-05-23 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2004-03-30 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2004-05-27 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2004-05-28 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Region Code: 09
 Programmatic ID: AIR H10000001500100051
 Facility Registry ID: 110000888335
 Air Operating Status Code: OPR
 Default Air Classification Code: MAJ
 Air Program: Title V Permits
 Activity Date: 2005-06-01 00:00:00
 Activity Status: Not reported
 Activity Group: Compliance Monitoring
 Activity Type: Inspection/Evaluation
 Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1000455794

ALOHA PETROLEUM - HILO (Continued)

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2011-04-20 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2012-06-28 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2012-06-29 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2013-06-11 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2013-06-12 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1000455794

ALOHA PETROLEUM - HILO (Continued)

Activity Date: 2009-04-27 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2009-04-28 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2010-05-20 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2010-05-21 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Title V Permits
Activity Date: 2011-04-19 00:00:00
Activity Group: Not reported
Activity Status: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR HI0000001500100051
Facility Registry ID: 110000888335

Map ID
Direction
Distance
Elevation



Site EDR ID Number 1000455794 Database(s) HI LUST U003155223 EPA ID Number N/A

ALOHA PETROLEUM - HILO (Continued)

Region Code: 09
Programmatic ID: AIR-HI000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-29 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
Region Code: 09
Programmatic ID: AIR-HI000001500100051
Facility Registry ID: 110000888335
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-30 00:00:00
Activity Status: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

HAWAII PETROLEUM DISTRIBUTION

999 KALANIWAOLE AVE
HILO, HI 96720
Site 3 of 3 in cluster J
LUST:
Name: HAWAII PETROLEUM DISTRIBUTION
Address: 999 KALANIWAOLE AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-601623
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 05/28/1997
Release ID: 970028
Project Officer: Lene Ichindisubo

UST:
Name: HAWAII PETROLEUM DISTRIBUTION
Address: 999 KALANIWAOLE AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-601623
Owner: TEXACO REFINING & MARKETING INC.
Owner Address: ENVIRONMENTAL SERVICES 800 SW FIRST AVE., SUITE 180
Owner City/State/Zip: HILO, 96720 96720
Latitude: 19.729785
Longitude: -155.04964200000001
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-3
Date Installed: Not reported
Tank Status: Permanently Out of Use

Map ID
Direction
Distance
Elevation



Site EDR ID Number U003155223 Database(s) RCRA NonGen / NLR 1016141317 EPA ID Number HIP000141481

HAWAII PETROLEUM DISTRIBUTION (Continued)

Date Closed: 01/23/1996
Tank Capacity: 300
Substance: Gasoline

FORMER HT&T TRUCKING

187 SILVA STREET
HILO, HI 96720
Site 6 of 9 in cluster I

Relative: Higher
Actual: 15 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20140411
Handler Name: FORMER HT&T TRUCKING
Handler Address: 187 SILVA STREET
City/State/Zip: HILO, HI 96720
EPA ID: HIPO00141481
Contact Name: EVAN F PFAFF
Contact Address: BOX 13132
City/State/Zip: KEAAU, HI 96749
Contact Telephone: 808-936-1121
Contact Fax: Not reported
Contact Email: EVAN@INSIGHTHAWAII.COM
Contact Title: PRINCIPAL
EPA Region: 09

Federal Waste Generator Description:

Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: 2013
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: SOUTH KING STREET
City/State/Zip: HONOLULU, HI 96813
Owner Name: KAMEHAMEHA SCHOOLS
Owner Type: Private
Operator Name: KAMEHAMEHA SCHOOLS
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported

187 SILVA STREET
187 SILVA ST
HILO, HI 96720
Site 7 of 9 in cluster 1

SHWS:
 Name: 187 SILVA STREET
 Address: 187 SILVA ST
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Hilo International Airport
 Island: Hawaii
 Environmental Interest: 187 Silva Street
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: State
 Program: John Peard
 Project Manager: John Peard
 Hazard Priority: Low
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: 187 Silva Street
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Hazard Managed With Controls
 Priority: Low
 Assessment: Response Necessary
 Response: Response Ongoing
 Nature of Contamination: Found: Lead and Chlorinated Solvents in soil. Petroleum and Free Product in Groundwater.
 Use Restrictions: Not reported
 Engineering Control: Controls Required to Manage Contamination
 Description of Restrictions: Not reported
 Institutional Control: Government - Hawaii Dept. of Health Letter Issued
 Within Designated Area-wide Contamination: No Further Action Letter - Restricted Use
 Site Closure Type: 03/26/2010
 Document Date: 2010-3-16-JP
 Document Number: No Further Action with Institutional Controls Determination at the 187 Silva St property, Hilo HI, TMK 3-2-1-010-036
 Document Subject: John Peard
 Project Manager: John Peard
 Contact Information: (808) 933-9921 Environmental Health Bldg, 1582 Kamehameha Ave. Hilo, HI 96720

Map ID Direction Distance Elevation
 167 SSW 1/8-1/4 0.137 mi. 723 ft.
 Relative: Higher
 Actual: 15 ft.

1016141317

Owner/Operator Telephone: Not reported
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20140411
 Handler Name: FORMER HT&T TRUCKING
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Spent Lead Acid Battery Importer: No
 Current Record: No
 Non Storage Recycler Activity: Yes
 Electronic Manifest Broker: Not reported

Receive Date: 20130228
 Handler Name: FORMER HT&T COMPANY
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Spent Lead Acid Battery Importer: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20130228
 Handler Name: FORMER HT&T COMPANY
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Exporter: No
 Spent Lead Acid Battery Importer: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 811111
 NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
 No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

INST CONTROL:
 Potential hazards and controls: Hazard Managed With Controls
 Supplemental Location: Hilo International Airport
 Zip Suffix: Not reported
 Island: Hawaii
 Institutional Control: Government - Hawaii Dept. of Health Letter Issued

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number
EPA ID Number

187 SILVA STREET (Continued)

SPILLS:

Name:
Address:
City/State/Zip:
Island:
Supplemental Loc. Text:
Case Number:
Facility Registry ID:
HID Number:
Lead and Program:
ER:
Less Or Greater Than:
Units:
Activity Type:
Activity Lead:
Assignment End Date:
Result:
File Under:
Substances:
Quantity:
Units:
Reported Date:
Release Date:
Release Duration:
Media:
Waterbody:
Summary:

187 SILVA STREET
187 SILVA ST
Not reported
HILO, HI 96720
Hawaii
20070420-1435
Not reported
Not reported
HEER EP&R
No
Not reported
Silva Street Free Product
Response
Anna Fernandez
2007-04-20 00:00:00
Refer to SDR
Kamehameha School-Bishop Estate
Fuel Oil
Not reported
Unknown
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Is Noteworthy for Reports:
Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOS:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Cost Recovery:
Invoice To:
Closed Date:
Comments:
Latitude:
Longitude:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
19.72597100000001
-155.05295599999999

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Site 8 of 9 in cluster 1

UST:
Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

HI UST

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

U003155160
N/A

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
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RCRA NonGen / NLR
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RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

187 SILVA STREET (Continued)

Facility ID:
Owner:
Owner Address:
Owner City/State/Zip:
Latitude:
Longitude:
Horizontal Reference Datum Name:
Horizontal Collection Method Name:
Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

9-600457
H T & T COMPANY, INC.
P.O. BOX 4190
HILO, 96720 96720
Not reported
Not reported
Not reported
Not reported
R-001
11/01/1970
Permanently Out of Use
Not reported
8000
Gasoline

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Tank ID:
Date Installed:
Tank Status:
Date Closed:
Tank Capacity:
Substance:

R-002
11/01/1970
Permanently Out of Use
Not reported
8000
Diesel

Name:
Address:
City/State/Zip:

HT&T TRUCKING
187 SILVA ST
HILO, HI 96720

Relative:
Higher
Actual:
15 ft.

U003155160

RCRA NonGen / NLR

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

RCRA NonGen / NLR
20210615

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.BREWER & CO. LTD (Continued)

1007092110

Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PACIFIC ST
Mailing City, State Zip: HONOLULU, HI 96817
Owner Name: KAMEHAMEHA SCHOOLS BISHOP ESTATE
Owner Type: Private
Operator Name: C. BREWER & CO. LTD
Operator Type: Private
Short-Term Generator Activity: No
Mixed Waste Generator: No
Importer Activity: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: --
Federal Facility Indicator: N
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2016 GPRR Permit Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRR Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No

C.BREWER & CO. LTD (Continued)

1007092110

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210617
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE
Waste Code: D002
Waste Description: CORROSIVE WASTE
Waste Code: D004
Waste Description: ARSENIC
Waste Code: D006
Waste Description: CADMIUM
Waste Code: D007
Waste Description: CHROMIUM
Waste Code: D008
Waste Description: LEAD
Waste Code: D018
Waste Description: BENZENE
Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/ BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Ended Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City, State, Zip: 415-555-1212
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

C.BREWER & CO. LTD (Continued)
 Handler Name: ISLAND CEMENT
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20110427
 Handler Name: C.BREWER & CO. LTD
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 23622
 NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

NAICS Code: 42332
 NAICS Description: BRICK, STONE, AND RELATED CONSTRUCTION MATERIAL MERCHANT WHOLESALERS

NAICS Code: 81111
 NAICS Description: GENERAL AUTOMOTIVE REPAIR

NAICS Code: 81131
 NAICS Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

NAICS Code: 81142
 NAICS Description: APPLIANCE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
 Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Generators
 Date Violation was Determined: 20040819
 Actual Return to Compliance Date: 20060803
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040819
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported

Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20060803
 Disposition Status: AS
 ACTION SATISFIED (CASE CLOSED)

Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL

Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported

Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 19861113
 Actual Return to Compliance Date: 19871102
 Return to Compliance Qualifier: Observed
 Violation Responsible Agency: State
 Scheduled Compliance Date: 19871115
 Enforcement Identifier: 001
 Date of Enforcement Action: 19871026
 Enforcement Responsible Agency: EPA
 Enforcement Docket Number: Not reported
 Enforcement Attorney: R9
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 ACTION SATISFIED (CASE CLOSED)

Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL

Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported

Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: Generators - General
 Violation Short Description: 19861113
 Date Violation was Determined: 19871102
 Actual Return to Compliance Date: Observed
 Return to Compliance Qualifier: State
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: 001
 Enforcement Identifier: 19870630
 Date of Enforcement Action: EPA
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: R9
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delauled Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Generators
 Date Violation was Determined: 20040819
 Actual Return to Compliance Date: 20060803
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040819
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20060803
 Disposition Status: AS
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delauled Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20060803
 Disposition Status: AS
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delauled Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Used Oil - Generators
 Date Violation was Determined: 20040819
 Actual Return to Compliance Date: 20060803
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 001
 Date of Enforcement Action: 20040819
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: 20060803
 Disposition Status: AS
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Delauled Date: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

C.BREWER & CO. LTD (Continued) 1007092110 1007092110

Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: Generators - General
 Violation Short Description: 20040819
 Date Violation was Determined: 20060803
 Actual Return to Compliance Date: Documented
 Return to Compliance Qualifier: State
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: 001
 Enforcement Identifier: 20040819
 Date of Enforcement Action: State
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: No
 Corrective Action Component: Not reported
 Appeal Initiated Date: 20060803
 Disposition Status: AS
 Disposition Status Date: ACTION SATISFIED (CASE CLOSED)

Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: WRITTEN INFORMAL
 Enforcement Type: TBRAN
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 20040729
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: TBRAN
 Actual Return to Compliance Date: 20060803
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Database(s)

C.BREWSTER & CO. LTD (Continued)

1007092110

U001236975

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20060803
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Name: MIHARA TRANSFER, INC.
Address: 41 KEAA ST
City/State/Zip: HILO, HI 96720
Alt Facility ID: 9-600726
Tank ID: R-2
Tank Status: Permanently Out of Use
FR TYPE: Insurance
Expiration Date: Not reported
FR Archive: False

MIHARA TRANSFER, INC.

HI UST

HI UST

K70
SW
1/8-1/4
0.180 mi.
949 ft.

HI Financial Assurance

U001237179
N/A

Site 1 of 4 in cluster K

UST:
Name: MIHARA TRANSFER, INC.
Address: 41 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-600726
Owner: MIHARA TRANSFER, INC.
Owner Address: 41 KEAA ST
Owner City/State/Zip: HILO, HI 96720 96720
Latitude: 19.724122999999999
Longitude: -155.057818999999999
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: GPS

Relative:
Higher
Actual:
13 ft.

ASAKURA BROTHERS LTD.
50 KEAA ST
HILO, HI 96720
Site 2 of 4 in cluster K

Site 2 of 4 in cluster K

UST:
Name: ASAKURA BROTHERS LTD.
Address: 50 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-602724
Owner: ASAKURA BROTHERS LTD.
Owner Address: 2505 KEKUANONI ST
Owner City/State/Zip: HILO, HI 96720 96720
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported
Horizontal Collection Method Name: Not reported

Tank ID:
Date Installed: 05/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/10/1997
Tank Capacity: 1000
Substance: Gasoline

Tank ID:
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

MIHARA TRANSFER, INC.
41 KEAA ST
HILO, HI 96720

MIHARA TRANSFER, INC.
41 KEAA ST
HILO, HI 96720

Tank ID:
Date Installed: 05/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/10/1997
Tank Capacity: 2000
Substance: Diesel

MIHARA TRANSFER, INC.
41 KEAA ST
HILO, HI 96720
Alt Facility ID: 9-600726
Tank ID: R-1
Tank Status: Permanently Out of Use
FR TYPE: Insurance
Expiration Date: Not reported
FR Archive: False

HI Financial Assurance:

Name: MIHARA TRANSFER, INC.
Address: 41 KEAA ST
City/State/Zip: HILO, HI 96720
Alt Facility ID: 9-600726
Tank ID: R-1
Tank Status: Permanently Out of Use
FR TYPE: Insurance
Expiration Date: Not reported
FR Archive: False

HAWAII COUNTY WAIKAEA FIRE STATION
95 KEAA ST
HILO, HI 96720
Facility ID: 9-601087
Owner: COUNTY OF HAWAII - FIRE DEPT
Owner Address: 466 KINOOLE ST
Owner City/State/Zip: HILO, HI 96720 96720
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported
Horizontal Collection Method Name: Not reported
Tank ID: R-1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site EDR ID Number Database(s) EPA ID Number

HAWAII COUNTY WAIAKEA FIRE STATION (Continued) 05/12/1989
Tank Status: Permanently Out of Use
Date Closed: 01/31/1980
Tank Capacity: 280
Substance: Gasoline

K73 SW 1/8-1/4 0.216 mi. 1140 ft.
Relative Higher Actual: 14 ft.
UNITEK SOLVENT SERVICES INC
76 KEAA ST
HILO, HI 96720
Site 4 of 4 in cluster K
RCRA NonGen / NLR: 20150622
Date Form Received by Agency: UNITEK SOLVENT SERVICES INC
Handler Address: 76 KEAA ST
HILO, HI 96720
EPA ID: HIR00000984
Contact Name: MELANIE HAHN
Contact Address: P O BOX 700370
KAPOLEI, HI 96709-0370
Contact City/State/Zip: 808-673-3229
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: P O BOX 700370
KAPOLEI, HI 96709-0370
Owner Name: UNITEK SOLVENT SERVICES INC
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: Not reported
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Facility with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelling Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site EDR ID Number Database(s) EPA ID Number

UNITEK SOLVENT SERVICES INC (Continued) 100116171
Hazardous Secondary Material Indicator: N Not reported
Sub-Part K Indicator: No
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPPA Permit Baseline: Not on the Baseline
2018 GPPA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
202 GPPA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSD's Where RCRA CA has Been Imposed Universe: No
TSD's Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSD's Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: Not reported
Operating TSD Universe: No
Full Enforcement Universe: No
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150622
Recognized Trader-Importer: No
Recognized Transfer-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Booker: No
Sub-Part P Indicator: No

Handler - Owner Operator: Owner
Operator Name: UNITEK SOLVENT SERVICES INC
Operator Type: Private
Date Became Current: Not reported
Date Ended Current: P O BOX 700370
KAPOLEI, HI 96709-0370
Owner/Operator Address: Not reported
Owner/Operator City/State/Zip: 808-673-3230
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported
Owner/Operator Indicator: Owner
Operator Name: UNITEK SOLVENT SERVICES INC
Operator Type: Private
Date Became Current: Not reported
Date Ended Current: Not reported

Map ID
Direction
Distance
Elevation



Site
EDR ID Number
EPA ID Number
Database(s)

Map ID
Direction
Distance
Elevation



Site
EDR ID Number
EPA ID Number
Database(s)

UNITEK SOLVENT SERVICES INC (Continued)

1001116171

Evaluation Action Summary:
Evaluation Date: 20000120
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Evaluation Responsible Sub-Organization: TBRAN
Actual Return to Compliance Date: 20061017
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20000120
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Evaluation Responsible Sub-Organization: TBRAN
Actual Return to Compliance Date: 20061017
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HT&T COMPANY, INC.
PIER 1, HILO HARBOR
HILO, HI 96720

HI LUST U003155196
HI LUST N/A

LUST:
Name: HT&T COMPANY, INC.
Address: PIER 1, HILO HARBOR
City/State/Zip: HILO, HI 96720
Facility ID: 9-600712
Facility Status: Site Cleanup Completed (NFA)
Release ID: 12/30/1994
Project Officer: Eric Saobayama

UST:
Name: HT&T COMPANY, INC.
Address: PIER 1, HILO HARBOR
City/State/Zip: HILO, HI 96720
Facility ID: 9-600712
Owner: H & T COMPANY, INC.
Owner Address: Not reported
Owner City/State/Zip: HILO, HI 96720, 96720
Latitude: 19.73011899999998
Longitude: -155.05416399999999
Horizontal Reference Datum Name: Not reported
Horizontal Collection Method Name: Not reported

74
North
1/8-1/4
0.220 mi.
1164 ft.

Relative:
Lower
Actual:
1 ft.

HT&T COMPANY, INC. (Continued)

U003155196

Tank ID: R-1
Date Installed: 03/12/1985
Tank Status: Permanently Out of Use
Date Closed: 08/16/1994
Tank Capacity: 1100
Substance: Gasoline

ANDREWS TRUCKING SERVICE INC.

75
WSW
1/8-1/4
0.237 mi.
1253 ft.

Relative:
Higher
Actual:
11 ft.

UST:
Name: ANDREWS TRUCKING SERVICE INC.
Address: 58 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-600474
Owner: EDWARD R. KUWAYE & CO.
Owner Address: 16-630 KIPIMANA ST
Owner City, St, Zip: HILO, 96720 96720
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported
Horizontal Collection Method Name: Not reported

Tank ID: R-1
Date Installed: 04/29/1968
Tank Status: Permanently Out of Use
Date Closed: 12/03/1999
Tank Capacity: 500
Substance: Gasoline

PIA PUMP STATION
1079 KALANIANA'OLE AVE
HILO, HI 96720

HI SHWS U003155157
HI LUST N/A
HI LUST
HI BROWNFIELDS
HI Financial Assurance

76
ENE
1/4-1/2
0.265 mi.
1397 ft.

Relative:
Higher
Actual:
11 ft.

SHWS:
Name: UH HILO PACIFIC AQUACULTURE AND COASTAL RESOURCES CENTER
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Supplemental Location: Not reported
Island: Hawaii
Environmental Interest: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Program: SRP
Project Manager: Not reported
Hazard Priority: Not reported
Potential Hazards And Controls: Not reported
Island: Hawaii
SDAR Environmental Interest Name: Not reported
HID Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

PUA PUMP STATION (Continued)

U003155157

Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Potential Hazard And Controls: Not reported
Priority: Not reported
Assessment: Not reported
Response: Not reported
Nature of Contamination: Not reported
Nature of Residual Contamination: Not reported
Use Restrictions: Not reported
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Areawide Contamination: Not reported
Site Closure Type: Not reported
Document Date: Not reported
Document Number: Not reported
Document Subject: Not reported
Project Manager: Not reported
Contact Information: Not reported
Facility ID: 1021
Location Description: 1079 Kalaniana'ole Ave, Hilo, HI 96720
Is Public: True
Update On: 2020-09-21 14:53:29
Latitude: 19.731058
Longitude: -155.048421

LUST:

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-600351
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 09/15/1999
Release ID: 990108
Project Officer: Jose Ruiz

UST:

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-600351
Owner: COUNTY OF HAWAII - DEPT OF PUBLIC WORKS
Owner Address: 25 AUPUNI ST, RM 202
Owner City, St, Zip: Hilo, 96720 96720
Latitude: 19.731293000000001
Longitude: -155.047312000000001
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Map
Tank ID: M-2
Date Installed: 07/01/1991
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 1000
Substance: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number EPA ID Number

PUA PUMP STATION (Continued)

U003155157

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 12/17/1998
Tank Capacity: 750
Substance: Diesel

BROWNFIELDS:

Name: UH HILO PACIFIC AQUACULTURE AND COASTAL RESOURCES CENTER
Address: 1079 KALANIANA'OLE AVE
Address 2: Not reported
City/State/Zip: HILO, HI 96720
Program: SRP
Supplemental Location: Hawaii
Island: Not reported
Zip Suffix: Not reported
Facility ID: 1021
Location Description: 1079 Kalaniana'ole Ave, Hilo, HI 96720
Latitude: 19.731058
Longitude: -155.048421

HI Financial Assurances:

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Alt Facility ID: 9-600351
Tank Id: R-1
Tank Status: Permanently Out of Use
FR TYPE: Self Insured
Expiration Date: 12/31/2007
FR Archive: True

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Alt Facility ID: 9-600351
Tank Id: M-2
Tank Status: Currently In Use
FR TYPE: Self Insured
Expiration Date: 12/31/2007
FR Archive: True

Name: PUA PUMP STATION
Address: 1079 KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720
Alt Facility ID: 9-600351
Tank Id: R-1
Tank Status: Permanently Out of Use
FR TYPE: Other
Expiration Date: 12/31/2009
FR Archive: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

Site

Database(s)
EDR ID Number
EPA ID Number

PUA PUMP STATION (Continued)

U003155157

HPM BUILDING SUPPLY DBA-HAWAII WOOD PROTECTION, INC. (Continued)

S104657437

Name: PUA PUMP STATION
 Address: 1079 KALANIAN'AOLE AVE
 City/State/Zip: HILO, HI 96720
 Alt Facility ID: 9-600351
 Tank Id: M-2
 Tank Status: Currently In Use
 FRTYPE: Other
 Expiration Date: 12/31/2009
 FR Archive: True

Name: PUA PUMP STATION
 Address: 1079 KALANIAN'AOLE AVE
 City/State/Zip: HILO, HI 96720
 Alt Facility ID: 9-600351
 Tank Id: M-2
 Tank Status: Currently In Use
 FRTYPE: Other
 Expiration Date: 01/07/2020
 FR Archive: False

Name: PUA PUMP STATION
 Address: 1079 KALANIAN'AOLE AVE
 City/State/Zip: HILO, HI 96720
 Alt Facility ID: 9-600351
 Tank Id: R-1
 Tank Status: Permanently Out of Use
 FRTYPE: Other
 Expiration Date: 01/07/2020
 FR Archive: False

Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: Not reported
 Document Date: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 2297
 Location Description: 150 Keaa St
 Is Public: True
 Update On: 2019-05-30 20:35:41
 Latitude: 19.724600
 Longitude: -155.059000

SPILLS:

WOOD PROTECTION COMPANY (HPM BUILDING SUPPLY)

Name: WOOD PROTECTION COMPANY (HPM BUILDING SUPPLY)
 Address: 150 KEAA ST
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 19900722
 Facility Registry ID: 110002148658
 HID Number: HID981164254
 Lead and Program: HEER EP&R
 ER: Yes
 Less Or Greater Than: Not reported
 Units: HPM Building Supply (Wood Protection Co.)
 Activity Type: Response
 Activity Lead: Mike Cripps
 Assignment End Date: Not reported
 Result: Refer to SDAR
 File Under: HPM Building Supply
 Substances: Chromated Copper Arsenate
 Quantity: 4000
 Units: Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported
 Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSCC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported

HPM BUILDING SUPPLY DBA-HAWAII WOOD PROTECTION, IN

HI SHWS S104657437

HI SPILLS N/A

L77
 SW
 1/4-1/2
 0.277 mi.
 1462 ft.

Relative:
 Higher

Actual:
 18 ft.

SHWS: Site 1 of 4 in cluster L

Name: HPM BUILDING SUPPLY DBA-HAWAII WOOD PROTECTION, INC.
 Address: 150 KEAA ST
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Environmental Interest: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Program: State
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported

HPM BUILDING SUPPLY DBA-HAWAII WOOD PROTECTION, INC. (Continued)
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.7245789999999999
 Longitude: -155.0588129999999999
 Name: WOOD PROTECTION COMPANY (HPM BUILDING SUPPLY)
 Address: 150 KEAA ST
 Address Z: Not reported
 City/State/Zip: HILO, HI 96720
 Island: Hawaii
 Supplemental Loc. Text: Not reported
 Case Number: 19900722
 Facility Registry ID: 110002148658
 HID Number: HID981164254
 Lead and Program: HEER EP&R
 ER: Yes
 Less Or Greater Than: Not reported
 Units: HPM Building Supply (Wood Protection Co.)
 Activity Type: Response
 Activity Lead: Mike Cripps
 Assignment End Date: Not reported
 Result: Refer to SDAR
 File Under: HPM Building Supply
 Substances: Chromated Copper Arsenate
 Quantity: 4000
 Units: Gallons
 Reported Date: Not reported
 Release Date: Not reported
 Release Duration: Not reported
 Media: Not reported
 Waterbody: Not reported
 Summary: Not reported
 Is Noteworthy for Reports: Not reported
 Is the Release a Fugitive Dumping: Not reported
 Tax Map Key: Not reported
 Assigned SOSC: Not reported
 Notified Agencies: Not reported
 Response Measures Taken: Not reported
 Incident Report Number: Not reported
 Coordination Needed: Not reported
 Tier II Facility: Not reported
 RMP: Not reported
 Follow-up Received On: Not reported
 Cost Recovery: Not reported
 Invoice To: Not reported
 Closed Date: Not reported
 Comments: Not reported
 Latitude: 19.6693199999999999
 Longitude: -155.307075

HPM BUILDING SUPPLY
 L78 SW 150 KEAA STREET HILO, HI 96720
 Relative: Higher
 Actual: 18 ft.
 Site 2 of 4 in cluster L
 SEMS Archive:
 Site ID: 0902890
 EPA ID: HID981164254
 Name: HPM BUILDING SUPPLY
 Address: 150 KEAA STREET
 Address Z: Not reported
 City/State/Zip: HILO, HI 96720
 Cong District: 02
 FIPS Code: 15001
 FF: N
 NPL: Not on the NPL
 Non NPL Status: Not on the NPL
 SEMS Archive Detail:
 Region: 09
 Site ID: 0902890
 EPA ID: HID981164254
 Site Name: HPM BUILDING SUPPLY
 NPL: N
 FF: N
 OU: 00
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 1996-09-27 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

HPM BUILDING SUPPLY
 L78 SW 150 KEAA STREET HILO, HI 96720
 Relative: Higher
 Actual: 18 ft.
 Site 2 of 4 in cluster L
 SEMS Archive:
 Site ID: 0902890
 EPA ID: HID981164254
 Name: HPM BUILDING SUPPLY
 Address: 150 KEAA STREET
 Address Z: Not reported
 City/State/Zip: HILO, HI 96720
 Cong District: 02
 FIPS Code: 15001
 FF: N
 NPL: Not on the NPL
 Non NPL Status: Not on the NPL
 SEMS Archive Detail:
 Region: 09
 Site ID: 0902890
 EPA ID: HID981164254
 Site Name: HPM BUILDING SUPPLY
 NPL: N
 FF: N
 OU: 00
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1990-09-14 04:00:00
 Finish Date: 1990-09-14 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf

HPM BUILDING SUPPLY
 L78 SW 150 KEAA STREET HILO, HI 96720
 Relative: Higher
 Actual: 18 ft.
 Site 2 of 4 in cluster L
 SEMS Archive:
 Site ID: 0902890
 EPA ID: HID981164254
 Name: HPM BUILDING SUPPLY
 Address: 150 KEAA STREET
 Address Z: Not reported
 City/State/Zip: HILO, HI 96720
 Cong District: 02
 FIPS Code: 15001
 FF: N
 NPL: Not on the NPL
 Non NPL Status: Not on the NPL
 SEMS Archive Detail:
 Region: 09
 Site ID: 0902890
 EPA ID: HID981164254
 Site Name: HPM BUILDING SUPPLY
 NPL: N
 FF: N
 OU: 00
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1990-09-14 04:00:00
 Finish Date: 1990-09-14 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf

HPM BUILDING SUPPLY
 L78 SW 150 KEAA STREET HILO, HI 96720
 Relative: Higher
 Actual: 18 ft.
 Site 2 of 4 in cluster L
 SEMS Archive:
 Site ID: 0902890
 EPA ID: HID981164254
 Name: HPM BUILDING SUPPLY
 Address: 150 KEAA STREET
 Address Z: Not reported
 City/State/Zip: HILO, HI 96720
 Cong District: 02
 FIPS Code: 15001
 FF: N
 NPL: Not on the NPL
 Non NPL Status: Not on the NPL
 SEMS Archive Detail:
 Region: 09
 Site ID: 0902890
 EPA ID: HID981164254
 Site Name: HPM BUILDING SUPPLY
 NPL: N
 FF: N
 OU: 00
 Action Code: PA
 Action Name: PA
 SEQ: 1

HPM BUILDING SUPPLY (Continued)

20180202

1015733383

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

WOOD PROTECTION CO

Receive Date:	Handler Name:	Federal Waste Generator Description:	State District Owner:	Large Quantity Handler of Universal Waste:	Recognized Trader Importer:	Spent Lead Acid Battery Importer:	Spent Lead Acid Battery Exporter:	Current Record:	Non Storage Recycler Activity:	Electronic Manifest Broker:
20180202	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO
20191009	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO
19851126	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO
20220221	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO
20160217	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO
20130529	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO	WOOD PROTECTION CO

Recognized Trader Importer: No
Spent Lead Acid Battery Exporter: No
Spent Lead Acid Battery Importer: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 321114
NAICS Description: WOOD PRESERVATION

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: Slate
Violation Short Description: Generators - General

Date Violation was Determined: 20021127
Actual Return to Compliance Date: 20031231
Return to Compliance Qualifier: Documented
Violation Responsible Agency: Slate

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20021127
Enforcement Responsible Agency: Slate

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
SEP Expenditure Amount: Not reported

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported

Proposed Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19870413
Actual Return to Compliance Date: 19930909

Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Enforcement Type: Not reported

Enforcement Responsible Person: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

SEP Defaulted Date: Not reported
SEP Type: Not reported
Proposed Amount: Not reported
Paid Amount: Not reported

Final Count: Not reported
Final Amount: Not reported
Found Violation: No
Agency Which Determined Violation: Not reported

Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPM BUILDING SUPPLY (Continued)

1015733383

Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 19930909
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R38STA
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20090206
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported
Evaluation Date: 20130117
Found Violation: State
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TBRAN
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ALLIED AGGREGATES CORP (Continued)

U001237028

UST:
Name: ALLIED AGGREGATES CORP
Address: 160 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-601306
Owner: ALLIED AGGREGATES CORPORATION
Owner Address: 160 KEAA ST
Hilo, 96720, 96720
19, 722814
Longitude: -155, 059021
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching
Tank ID: R-1
Date Installed: 05/05/1972
Tank Status: Permanently Out of Use
Date Closed: 06/29/1990
Tank Capacity: 5000
Substance: Diesel
Name: ALLIED AGGREGATES CORP
Address: 160 KEAA ST
City/State/Zip: HILO, HI 96720
Tank ID: R-2
Date Installed: 05/05/1972
Tank Status: Permanently Out of Use
Date Closed: 06/29/1990
Tank Capacity: 2000
Substance: Gasoline

ALLIED AGGREGATES CORP (Continued)

U001237028

UST:
Name: ALLIED AGGREGATES CORP
Address: 160 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-601306
Owner: ALLIED AGGREGATES CORPORATION
Owner Address: 160 KEAA ST
Hilo, 96720, 96720
19, 722814
Longitude: -155, 059021
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching
Tank ID: R-1
Date Installed: 05/05/1972
Tank Status: Permanently Out of Use
Date Closed: 06/29/1990
Tank Capacity: 5000
Substance: Diesel
Name: ALLIED AGGREGATES CORP
Address: 160 KEAA ST
City/State/Zip: HILO, HI 96720
Tank ID: R-2
Date Installed: 05/05/1972
Tank Status: Permanently Out of Use
Date Closed: 06/29/1990
Tank Capacity: 2000
Substance: Gasoline

L79
SW
1/4-1/2
0.289 mi.
1528 ft.

Relative:
Higher
Actual:
20 ft.

ALLIED AGGREGATES CORP
160 KEAA ST
HILO, HI 96720

Site 3 of 4 in cluster L

LUST:
Name: ALLIED AGGREGATES CORP
Address: 160 KEAA ST
City/State/Zip: HILO, HI 96720
Facility ID: 9-601306
Facility Status: Site Cleanup Completed (NFA)
Release ID: 01/21/1996
Project Officer: Steven Okoji

HI LUST U001237028
HI LUST N/A

80
NNE
1/4-1/2
0.311 mi.
1644 ft.
Relative:
Lower
Actual:
0 ft.

NAVAL RESERVE TRG CENTER

FUDS 1024902062
N/A

EPA Region: 9
Installation ID: HI9979F398400
Congressional District Number: 2
Name: NAVAL RESERVE TRG CENTER
City: HILO
State: HI
County: HAWAII
Object ID: 5398
USACE Division: POD
USACE District: Honolulu District (POH)
Status: Not reported
Current Owner: Properties without projects
EMS Map Link: https://hudspontal.usace.army.mil/ems/inventory/map/map?id=62440
Eligibility: Eligible
Has Projects: No
NPL Status: Not on the NPL
Property History: THE SITE WAS USED AS A TRAINING AREA FOR NAVAL RESERVISTS ON THE ISLAND OF HAWAII.

Map ID
Direction
Distance
Elevation



Site

EDR ID Number
EPA ID Number

Map ID
Direction
Distance
Elevation



Site

Database(s)
EPA ID Number

NAVAL RESERVE TRG CENTER (Continued)

1024802062

KUWAYE TRUCKING INC. (Continued)

U003155188

Project Required: No
Feature Description: Not reported
Latitude: 19.73416667
Longitude: -155.05194444

Date Installed: 05/05/1961
Tank Status: **Permanently Out of Use**
Date Closed: 12/30/1986
Tank Capacity: Not reported
Substance: Used Oil

L81
SW
1/4-1/2
0.331 mi.
1750 ft.
Relative:
Higher:
Actual:
19 ft.

HI LUST
HI LUST

HI SHWS
S1 26282719
N/A

KUWAYE TRUCKING INC.
2055 KAMEHAMEHA AVE
HILO, HI 96720
Site 4 of 4 in cluster L
LUST:
Name: KUWAYE TRUCKING INC.
Address: 2055 KAMEHAMEHA AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-600652
Facility Status: Site Cleanup Completed (NFA)
Release ID: 09/20/1996
Project Officer: Janet Sherrer

M82
WSW
1/4-1/2
0.371 mi.
1958 ft.
Relative:
Lower:
Actual:
3 ft.

ICE POND HILO
111 KALANIANA'OLE ST
HILO, HI 96720
Site 1 of 2 in cluster M

Name: ICE POND HILO
Address: 111 KALANIANA'OLE ST
City/State/Zip: HILO, HI 96720
Supplemental Location: Not reported
Island: Hawaii
Environmental Interest: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Program: State
Project Manager: Not reported
Hazard Priority: Not reported
Potential Hazards And Controls: Not reported
Island: Hawaii
SDAR Environmental Interest Name: Not reported
HID Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER Office
Potential Hazard And Controls: Not reported
Priority: Not reported
Assessment: Not reported
Response: Not reported
Nature of Contamination: Not reported
Nature of Residual Contamination: Not reported
Use Restrictions: Not reported
Engineering Control: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Areawide Contamination: Not reported
Site Closure Type: Not reported
Document Number: Not reported
Document Subject: Not reported
Project Manager: Not reported
Contact Information: Not reported
Facility ID: 2848
Location Description: Hilo Ice Pond
Is Public: True
Update On: 2019-08-15 20:21:38
Latitude: 19.724189
Longitude: -155.062244

UST:

Name: KUWAYE TRUCKING INC.
Address: 2055 KAMEHAMEHA AVE
City/State/Zip: HILO, HI 96720
Facility ID: 9-600652
Owner: KUWAYE TRUCKING INC.
Owner Address: 2055 KAMEHAMEHA AVE
Owner City/State/Zip: HILO, HI 96720
Latitude: 19.722743000000001
Longitude: -155.060016999999999
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-1
Date Installed: 05/05/1961
Tank Status: **Permanently Out of Use**
Date Closed: 05/19/1992
Tank Capacity: 7000
Substance: Diesel

Name: KUWAYE TRUCKING INC.
Address: 2055 KAMEHAMEHA AVE
City/State/Zip: HILO, HI 96720

Tank ID: R-2
Date Installed: 05/05/1961
Tank Status: **Permanently Out of Use**
Date Closed: 05/19/1993
Tank Capacity: 7000
Substance: Gasoline

Name: KUWAYE TRUCKING INC.
Address: 2055 KAMEHAMEHA AVE
City/State/Zip: HILO, HI 96720

Tank ID: R-3

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

HELCO SHIPMAN PLANT BUNKER FUEL LINE (Continued)

S111677284

HELCO SHIPMAN PLANT BUNKER FUEL LINE (Continued)

S111677284

Nature of Contamination: Not reported
Use of Residual Contamination: Not reported
Engineering Controls: Not reported
Description of Restrictions: Not reported
Institutional Control: Not reported
Within Designated Area-wide Contamination: Not reported
Site Closure Type: Not reported
Document Date: Not reported
Document Number: Not reported
Project Manager: Not reported
Contact Information: Not reported
Facility ID: 2559
Location Description: Seaside Hotel, 126 Banyan Wy, Hilo, HI 96720
Is Public: True
Update On: 2021-02-05 09:45:53
Latitude: 19.723776
Longitude: -155.062618

Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: Not reported
Longitude: Not reported

Name: HELCO PIPELINE ANOMALY AT NORTHEAST SIDE OF SEASIDE HOTEL
Address: 126 BANYAN WY
Address 2: HELCO PIPELINE ANOMALY AT SEASIDE HOTEL
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Seaside Hotel
Case Number: 20100323-1655
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: <
Units: HELCO pipeline anomaly
Activity Type: Response
Activity Lead: Liz Galvez
Assignment End Date: Not reported
Result: Not reported
File Under: Hawaii Electric Light Co., Inc. (HELCO)
Substances: Bunker and Diesel
Quantity: 25
Units: Gallons
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

SPILLS:

Name: HELCO PIPELINE ANOMALY AT NORTHEAST SIDE OF SEASIDE HOTEL
Address: 126 BANYAN WY
Address 2: HELCO PIPELINE ANOMALY AT SEASIDE HOTEL
City/State/Zip: HILO, HI 96720
Island: Hawaii
Supplemental Loc. Text: Seaside Hotel
Case Number: 20100323-1647
Facility Registry ID: Not reported
HID Number: Not reported
Lead and Program: HEER EP&R
ER: None
Less Or Greater Than: Not reported
Units: HELCO Shipman Plant Bunker Fuel Line
Activity Type: Response
Activity Lead: Liz Galvez
Assignment End Date: Not reported
Result: Not reported
File Under: Hawaii Electric Light Co., Inc. (HELCO)
Substances: Diesel Fuel Bunker
Quantity: 25
Units: Gallons
Reported Date: Not reported
Release Date: Not reported
Release Duration: Not reported
Media: Not reported
Waterbody: Not reported
Summary: Not reported

Is Noteworthy for Reports: Is the Release a Fugitive Dumping:
Tax Map Key:
Assigned SOSOC:
Notified Agencies:
Response Measures Taken:
Incident Report Number:
Coordination Needed:
Tier II Facility:
RMP:
Follow-up Received On:
Invoice To:
Closed Date:
Comments:
Latitude:
Longitude:

Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOSOC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported

85 SSE
1/2-1
0.536 mi.
2828 ft.
Relative: Higher
Actual: 27 ft.

GENERAL LYMAN FIELD
HILO, HI

FUDDS: 9
EPA Region: HI99799F363600
Installation ID: 2
Congressional District Number: GENERAL LYMAN FIELD
Name: H09HI0096
FUDDS Number: HILO
City: HI
State: HAWAII
County: 5926
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=54582
Current Owner: Eligible
EMS Map Link: No
Has Projects: Not on the NPL
Property History: FROM FEBRUARY 1941 TO JULY 1945, THE US ARMY AND NAVY ACQUIRED 2,054.18 ACRES OF LAND IN THE VICINITY OF THE OLD HILO AIRPORT USING GOVERNOR'S EXECUTIVE ORDERS, LEASES, LICENSES, REVOCABLE PERMITS, EASEMENTS, AND WRITTEN AGREEMENTS. DURING WORLD WAR II THE US NAVAL AIR STATION-HILO, US ARMY AIR STATION-HILO, AND HILO AIRPORT MILITARY RESERVATION WERE ESTABLISHED AT THE SITE, WHICH WAS SUBSEQUENTLY NAMED GENERAL LYMAN FIELD. THE FACILITY INCLUDED THREE RUNWAYS, AND HOUSING, TRAINING, AND STORAGE

Project Required: No
Feature Description: Not reported
Latitude: 19.72138889
Longitude: -155.04688689

86 WSW
1/2-1
0.581 mi.
3069 ft.
Relative: Higher
Actual: 11 ft.

MARINE STORAGE
NO CITY, HI

FUDDS: 9
EPA Region: HI99799F395700
Installation ID: 2
Congressional District Number: MARINE STORAGE
Name: H09HI0220
FUDDS Number: NO CITY
City: HI
State: MAUI
County: 6304
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=53434
Current Owner: Eligible
EMS Map Link:

87 ESE
1/2-1
0.634 mi.
3349 ft.
Relative: Higher
Actual: 19 ft.

MARINE STORAGE (Continued)
HILO, HI

FUDDS: 9
EPA Region: HI99799F395200
Installation ID: 2
Congressional District Number: MARINE CORPS SUPPLY SER
Name: H09HI0214
FUDDS Number: HILO
City: HI
State: HAWAII
County: 5427
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=62431
Current Owner: Eligible
EMS Map Link: Not on the NPL
Has Projects: AS A SUPPLY SERVICE CENTER, THE SITE WAS PROBABLY USED AS OFFICE FACILITIES FOR THE PROCUREMENT AND DOCUMENTATION OF-INCOMING AND OUTGOING SUPPLIES.
Property History:

Project Required: No
Feature Description: Not reported
Latitude: 19.72611111
Longitude: -155.04222222

88 SW
1/2-1
0.695 mi.
3669 ft.
Relative: Higher
Actual: 11 ft.

WAINAKU SUGAR MILL
HILO, HI 96720

FUDDS: 9
EPA Region: HI99799F395700
Installation ID: 2
Congressional District Number: MARINE STORAGE
Name: H09HI0220
FUDDS Number: NO CITY
City: HI
State: MAUI
County: 6304
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=53434
Current Owner: Eligible
EMS Map Link:

89 SSE
1/2-1
0.536 mi.
2828 ft.
Relative: Higher
Actual: 27 ft.

GENERAL LYMAN FIELD
HILO, HI

FUDDS: 9
EPA Region: HI99799F363600
Installation ID: 2
Congressional District Number: GENERAL LYMAN FIELD
Name: H09HI0096
FUDDS Number: HILO
City: HI
State: HAWAII
County: 5926
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=54582
Current Owner: Eligible
EMS Map Link: No
Has Projects: Not on the NPL
Property History: FROM FEBRUARY 1941 TO JULY 1945, THE US ARMY AND NAVY ACQUIRED 2,054.18 ACRES OF LAND IN THE VICINITY OF THE OLD HILO AIRPORT USING GOVERNOR'S EXECUTIVE ORDERS, LEASES, LICENSES, REVOCABLE PERMITS, EASEMENTS, AND WRITTEN AGREEMENTS. DURING WORLD WAR II THE US NAVAL AIR STATION-HILO, US ARMY AIR STATION-HILO, AND HILO AIRPORT MILITARY RESERVATION WERE ESTABLISHED AT THE SITE, WHICH WAS SUBSEQUENTLY NAMED GENERAL LYMAN FIELD. THE FACILITY INCLUDED THREE RUNWAYS, AND HOUSING, TRAINING, AND STORAGE

Project Required: No
Feature Description: Not reported
Latitude: 19.72138889
Longitude: -155.04688689

90 WSW
1/2-1
0.581 mi.
3069 ft.
Relative: Higher
Actual: 11 ft.

MARINE STORAGE
NO CITY, HI

FUDDS: 9
EPA Region: HI99799F395700
Installation ID: 2
Congressional District Number: MARINE STORAGE
Name: H09HI0220
FUDDS Number: NO CITY
City: HI
State: MAUI
County: 6304
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=53434
Current Owner: Eligible
EMS Map Link:

91 SSE
1/2-1
0.536 mi.
2828 ft.
Relative: Higher
Actual: 27 ft.

GENERAL LYMAN FIELD
HILO, HI

FUDDS: 9
EPA Region: HI99799F363600
Installation ID: 2
Congressional District Number: GENERAL LYMAN FIELD
Name: H09HI0096
FUDDS Number: HILO
City: HI
State: HAWAII
County: 5926
Object ID: USACE Division: Honolulu District (POH)
Status: Not reported
Properties without projects: https://hdsportal.usace.army.mil/ems/inventory/map/map?id=54582
Current Owner: Eligible
EMS Map Link: No
Has Projects: Not on the NPL
Property History: FROM FEBRUARY 1941 TO JULY 1945, THE US ARMY AND NAVY ACQUIRED 2,054.18 ACRES OF LAND IN THE VICINITY OF THE OLD HILO AIRPORT USING GOVERNOR'S EXECUTIVE ORDERS, LEASES, LICENSES, REVOCABLE PERMITS, EASEMENTS, AND WRITTEN AGREEMENTS. DURING WORLD WAR II THE US NAVAL AIR STATION-HILO, US ARMY AIR STATION-HILO, AND HILO AIRPORT MILITARY RESERVATION WERE ESTABLISHED AT THE SITE, WHICH WAS SUBSEQUENTLY NAMED GENERAL LYMAN FIELD. THE FACILITY INCLUDED THREE RUNWAYS, AND HOUSING, TRAINING, AND STORAGE

Project Required: No
Feature Description: Not reported
Latitude: 19.72138889
Longitude: -155.04688689

Map ID
Direction
Distance
Elevation



Map ID
Direction
Distance
Elevation



Site EDR ID Number Database(s) EPA ID Number

Site EDR ID Number Database(s) EPA ID Number

WAINAKU SUGAR MILL (Continued)

\$126283227

Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: Not reported
 Project Manager: Not reported
 Hazard Priority: Not reported
 Potential Hazards And Controls: Not reported
 Island: Hawaii
 SDAR Environmental Interest Name: Not reported
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not reported
 Priority: Not reported
 Assessment: Not reported
 Response: Not reported
 Nature of Contamination: Not reported
 Nature of Residual Contamination: Not reported
 Use Restrictions: Not reported
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: Not reported
 Document Number: Not reported
 Document Subject: Not reported
 Project Manager: Not reported
 Contact Information: Not reported
 Facility ID: 1505
 Location Description: 238 Hawaii Bell Rd, Hilo, HI 96720
 Is Public: True
 Update On: 2024-09-13 09:38:54
 Latitude: 19.737600
 Longitude: -155.090000

HOOLULU PARK CAMP

FUDS 1024901966

HILO, HI

N/A

89
SW
1/2-1
0.828 mi.
4371 ft.

Relative:
Higher
Actual:
14 ft.

FUDS: 9
 EPA Region: HI99799F387000
 Installation ID: 2
 Congressional District Number: HOOLULU PARK CAMP
 Name: H99HI0130
 FUDS Number: HILO
 City: HILO
 State: HI
 County: HAWAII
 Object ID: POD
 USACE Division: Honolulu District (POH)
 USACE District: Honolulu District (POH)
 Status: Properties without projects
 Current Owner: Not reported
 EIRIS Map Link: <https://hdspportal.usace.army.millems/ems/inventory/map/map?id=55286>
 Eligible: Eligible
 Has Projects: No

HOOLULU PARK CAMP (Continued)

1024901966

NPL Status: Not on the NPL
 Property History: ON MARCH 15, 1942, THE US ARMY LEASED THE 51.27 ACRES SITE FROM THE COUNTY OF HAWAII FOR A TEMPORARY CAMPBARRACKS FOR TROOPS STATIONED ON HAWAII ISLAND. SITE CONSISTED OF 47 BARRACKS; 3 WAREHOUSE S. 2 MESSHALLS; 3 SUPPLY BLDGS. P.X. 2 RECREATION BLDGD., DISPENSARY, AND OFFICES. ON OCT. 31, 1945, 14.8 ACRES WAS RETURNED TO THE TERRITORY OF HAWAII AND RELEASED US FOR ANY LIABILITY, AND PAID \$12.00 FOR THE IMPROVEMENTS.
 Project Required: No
 Feature Description: Not reported
 Latitude: 19.7188889
 Longitude: -155.0666667

KUAWA STREET SOCCER FIELDS DEVELOPMENT SITE

HI SHWS \$118422838

KAMEHAMEHA HWY AND MANONO ST HILO, HI 96720

90
WSW
1/2-1
0.886 mi.
4680 ft.

Relative:
Lower
Actual:
3 ft.

SHWS: KUAWA STREET SOCCER FIELDS DEVELOPMENT SITE
 Name: KUAWA STREET SOCCER FIELDS DEVELOPMENT SITE
 Address: KAMEHAMEHA HWY AND MANONO ST
 City/State/Zip: HILO, HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: Kuawa Street Soccer Fields Development Site
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: HEER Office
 Program: State
 Project Manager: John Peard
 Hazard Priority: NFA
 Potential Hazards And Controls: Hazard Managed With Controls
 Island: Hawaii
 SDAR Environmental Interest Name: Kuawa Street Soccer Fields Development Site
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Hazard Managed With Controls
 Priority: NFA
 Assessment: Response Necessary
 Response: Response Complete
 Nature of Contamination: Found: Contaminants found over Tier 1 EALs in site screening; Lead and Arsenic.
 Nature of Residual Contamination: See EHMP for the area. Contaminants found over Tier 1 EALs in site screening; Lead and Arsenic.
 Use Restrictions: Controls Required to Manage Contamination
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Government - Hawaii Dept. of Health Letter Issued
 Within Designated Areawide Contamination: Not reported
 Site Closure Type: No Further Action Letter - Restricted Use
 Document Date: 04/13/2018
 Document Number: 2018-14-JP
 Document Subject: No Further Action with Institutional Controls Determination for the Kuawa Street Soccer Fields Development Site, HILO HI, TMMs 3-2-032-003, -004, -008, -019, -087, and -088, Institutional

KUAWA STREET SOCCER FIELDS DEVELOPMENT SITE (Continued) S118422838

Project Manager: John Peard
 Contact Information: (608) 933-9821 Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
 Location Description: Kamehameha Hwy and Manono St, Just SE of Kamehameha Hwy and Manono St
 Is Public: True
 Update On: 2019-05-30 20:35:41
 Latitude: 19.721916
 Longitude: -155.069577

controls apply to about 1.43 ac

INST CONTROL:
 Potential Hazards and controls: Hazard Managed With Controls
 Supplemental Location: Not reported
 Zip Suffix: Not reported
 Island: Hawaii
 Institutional Control: Government - Hawaii Dept. of Health Letter issued

HELCO PIPELINE RELEASE HUALANI HILO (Continued) S106817545

Document Subject: NFA -Hualani Pipeline Release, Removal Action Report, HELCO, Hilo
 Project Manager: Not reported
 Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
 Facility ID: 2003
 Location Description: Edge of Maimalahoa Hwy (11)
 Is Public: True
 Update On: 2020-01-16 11:59:58
 Latitude: 19.714376
 Longitude: -155.064062

HELCO PIPELINE RELEASE HUALANI HILO HI SHWS S106817545
 N/A

Address: HELCO PIPELINE RELEASE HUALANI HILO
 City/State/Zip: KAOLEHUJA AVE & HUALANI ST
 HILO HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: HEER Office
 Program: Not reported
 Project Manager: NFA
 Hazard Priority: No Hazard
 Potential Hazards And Controls: No Hazard
 Island: Hawaii
 SDAR Environmental Interest Name: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: No Hazard
 Priority: NFA
 Assessment: Response Necessary
 Response: Response Complete
 Nature of Contamination: Found: Oil pipeline break
 Use Restrictions: No Hazard Present For Unrestricted Residential Use
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: No Further Action Letter - Unrestricted Residential Use
 Document Date: 02/16/2010
 Document Number: 2010-123-RP

HELCO PIPELINE RELEASE HUALANI HILO HI SHWS S106817545
 N/A

Address: HELCO PIPELINE RELEASE HUALANI HILO
 City/State/Zip: KAOLEHUJA AVE & HUALANI ST
 HILO HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: HEER Office
 Program: Not reported
 Project Manager: NFA
 Hazard Priority: No Hazard
 Potential Hazards And Controls: No Hazard
 Island: Hawaii
 SDAR Environmental Interest Name: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: No Hazard
 Priority: NFA
 Assessment: Response Necessary
 Response: Response Complete
 Nature of Contamination: Found: Oil pipeline break
 Use Restrictions: No Hazard Present For Unrestricted Residential Use
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: No Further Action Letter - Unrestricted Residential Use
 Document Date: 02/16/2010
 Document Number: 2010-123-RP

HELCO PIPELINE RELEASE HUALANI HILO HI SHWS S106817545
 N/A

Address: HELCO PIPELINE RELEASE HUALANI HILO
 City/State/Zip: KAOLEHUJA AVE & HUALANI ST
 HILO HI 96720
 Supplemental Location: Not reported
 Island: Hawaii
 Environmental Interest: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 State: HEER Office
 Program: Not reported
 Project Manager: NFA
 Hazard Priority: No Hazard
 Potential Hazards And Controls: No Hazard
 Island: Hawaii
 SDAR Environmental Interest Name: HELCO Pipeline Release Hualani Hilo
 HID Number: Not reported
 Facility Registry Identifier: Not reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: No Hazard
 Priority: NFA
 Assessment: Response Necessary
 Response: Response Complete
 Nature of Contamination: Found: Oil pipeline break
 Use Restrictions: No Hazard Present For Unrestricted Residential Use
 Engineering Control: Not reported
 Description of Restrictions: Not reported
 Institutional Control: Not reported
 Within Designated Area-wide Contamination: Not reported
 Site Closure Type: No Further Action Letter - Unrestricted Residential Use
 Document Date: 02/16/2010
 Document Number: 2010-123-RP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL - National Priority List
 National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2022
 Date Data Arrived at EDR: 02/03/2022
 Date Made Active in Reports: 02/22/2022
 Number of Days to Update: 19
 Source: EPA
 Telephone: N/A
 Last EDR Contact: 04/01/2022
 Next Scheduled EDR Contact: 07/11/2022
 Data Release Frequency: Quarterly

NPL Site Boundaries
 Sources:
 EPA's Environmental Photographic Interpretation Center (EPIC)
 Telephone: 202-564-7333

EPA Region 1
 Telephone 617-918-1143
 EPA Region 3
 Telephone 215-814-5418
 EPA Region 4
 Telephone 404-562-8033
 EPA Region 5
 Telephone 312-886-6686
 EPA Region 10
 Telephone 206-553-8665

Proposed NPL - Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2022
 Date Data Arrived at EDR: 02/03/2022
 Date Made Active in Reports: 02/22/2022
 Number of Days to Update: 19
 Source: EPA
 Telephone: N/A
 Last EDR Contact: 04/01/2022
 Next Scheduled EDR Contact: 07/11/2022
 Data Release Frequency: Quarterly

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NPL LIENS: Federal Superfund Liens
 Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

City	EDR ID	Site Name	Site Address	Zip	Databases
HLO	S176262693	HILO AIRPORT DRAINAGE BRP1 TERMINI	AIRPORT ACCESS RD	96720	H1 SHWS
HLO	S176262637	KEAUKA HAWAIIAN HOMELANDS	APPANEE RD	96720	H1 SHWS
HLO	S172640221	PETROLEUM CONTAMINATION DISCOVERY	KAMEHAMEHA AVE	96720	H1 LUST, H1 SHWS
HLO	U004359844	AMI BAYFRONT SHELL	394 KAMEHAMEHA HWY	96720	H1 SHWS
HLO	S1726282615	HILO KAMEHAMEHA AVENUE IM	KAMEHAMEHA AVE	96720	H1 SHWS
HLO	S1721066508	HELICO MARCO SUBSTATION	KUMAU ST	96720	H1 SHWS
HLO	S1726282875	KUMAU STREET IMPROVEMENTS HILO HAR	KUMAU ST	96720	H1 SHWS
HLO	S1762626254	LAHALA STREET DUMPING	LAHALA ST	96720	H1 SHWS
HLO	S1726262624	HELICO POLE-MOUNT TRANSFORMER NO.3	LAHALA ST	96720	H1 SHWS
HLO	U00879204	HELICO POLE-MOUNT TRANSFORMER NO.4	OFF KAMEHAMEHA AVE	96720	SEMS-ARCHIVE
HLO	S118443731	HILO BAY FRONT SOCCER FIELD	PILANI ST, KAMEHAMEHA AVE, BI	96720	H1 SHWS
HLO	S1762626240	WALLOA RIVER STATE RECREATION AREA	PUNA TRAIL	96720	H1 SHWS
HLO	S1762626270	HANG HILO COMMUNICATIONS STATION	PUNA TRAIL	96720	H1 SHWS
HLO	S1762626359	YAMADA QUARRY HILO	PUNA TRAIL	96720	H1 SHWS
HLO	S1762626359	HANG HILO BUILDING 702 HYDRAULIC	PUNA TRAIL	96720	H1 SHWS

Count: 19 records.

ORPHAN SUMMARY

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/29/2011
Data Release Frequency: No Update Planned

Lists of Federal De-listed NPL sites

Deleted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS-ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRECTS: Corrective Action Report

CORRECTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAinfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LOG: RCRA - Large Quantity Generators

RCRAinfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LOGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

RCRA-VSOG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Federal Institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 84
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 9
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 03/09/2022
Date Made Active in Reports: 04/06/2022
Number of Days to Update: 28
Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/27/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 80
Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/26/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80
Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.
Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.
Date of Government Version: 08/26/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).
Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).
Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/09/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 9
Telephone: 415-972-3388
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites

A listing of sites with engineering controls in place.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9
Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9
Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/16/2022
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites

Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 03/09/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 28
Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites

With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 03/09/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 28
Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfields sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfills / Solid Waste Disposal Sites

SWRCY: SWRCY

A listing of recycling and drop-off facilities located in Hawaii.

Date of Government Version: 12/21/2021
Date Data Arrived at EDR: 12/27/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 80

Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258

Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 06/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites located on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 82

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 10/22/2010
Number of Days to Update: 42

Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Listing

A listing of sites where "Potential PFAS" were found. The listing includes sites with "PFAS" and "luoro", and site names that include "firefight", "fire fight", "fire train".

Date of Government Version: 02/25/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 10

Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMRs: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 84

Data Release Frequency: Quarterly

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency

Response since 1988.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/17/2022
Date Data Arrived at EDR: 02/16/2022
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Number of Days to Update: 4
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 03/10/2012
Date Data Arrived at EDR: 01/03/2013
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Number of Days to Update: 39
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA Non-Gen / NLEP: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
Number of Days to Update: 15
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Number of Days to Update: 84
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Number of Days to Update: 239
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Number of Days to Update: 574
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Number of Days to Update: 63
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
Number of Days to Update: 90
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 03/21/2014
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Number of Days to Update: 88
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/05/2018
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 02/03/2022
Number of Days to Update: 73
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Last EDR Contact: 03/18/2022
Next Scheduled EDR Contact: 06/27/2022
Number of Days to Update: 85
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III, Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 01/04/2020
Number of Days to Update: 82
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(i) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/03/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 202-564-4600
Last EDR Contact: 01/16/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties
Source: EPA
Telephone: 202-564-6023
Date Data Arrived at EDR: 02/03/2022
Last EDR Contact: 04/01/2022
Date Made Active in Reports: 02/25/2022
Next Scheduled EDR Contact: 05/16/2022
Number of Days to Update: 22
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.
Source: EPA
Telephone: 202-566-0500
Date Data Arrived at EDR: 01/20/2022
Last EDR Contact: 04/08/2022
Date Made Active in Reports: 03/25/2022
Next Scheduled EDR Contact: 07/18/2022
Number of Days to Update: 64
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.
Source: EPA
Telephone: 202-566-1667
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 09/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/02/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing our records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing our records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4695
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 07/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 07/10/2017
Number of Days to Update: 546
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87
Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-846-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/09/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/09/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admin
Telephone: 202-689-3924
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 06/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operators for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/09/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85

Source: Department of Interior
Telephone: 202-208-2809
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 06/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0627
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History/Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.
Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations
Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.
Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

AIRS: List of Permitted Facilities

A listing of permitted facilities in the state.
Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77
Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facilities Listing

A listing of permitted drycleaner facilities in the state.
Date of Government Version: 03/31/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/22/2021
Number of Days to Update: 82
Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.
Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/07/2022
Number of Days to Update: 82
Source: Department of Health
Telephone: 808-586-4226
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

LEAD: Lead Inspection Listing

Lead inspections

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/22/2021
Number of Days to Update: 7
Source: Department of Health
Telephone: 808-586-5800
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of underground injection well locations.
Date of Government Version: 02/07/2013
Date Data Arrived at EDR: 02/12/2013
Date Made Active in Reports: 04/09/2013
Number of Days to Update: 56
Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.
Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System
Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6633
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data
Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whole oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (only waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA_HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 191

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA_LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA_LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASES)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates these buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-260-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Office of Planning

Telephone: 808-587-2895

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
MULTIPLE PROPERTIES
HILO, HI 96720

TARGET PROPERTY COORDINATES

Latitude (North): 19° 43' 42.43"
Longitude (West): 155° 05' 33.65" - 155° 3' 12.11"
Universal Transverse Mercator: Zone 5
UTM X (Meters): 284802.3
UTM Y (Meters): 2182604.2
Elevation: 7 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 9757551 HILO, HI
Version/Date: 2017

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

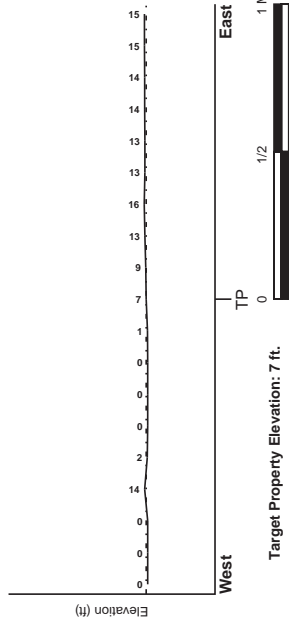
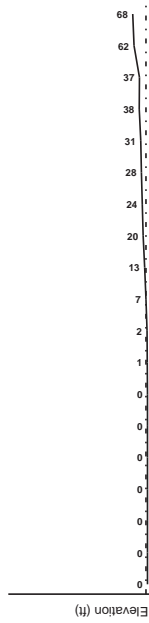
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION
 Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION
 Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY
 General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION
 Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE
 Flood Plain Panel at Target Property FEMA Source Type
 1551660885C FEMA Q3 Flood data
 Additional Panels in search area: FEMA Source Type
 1551660880C FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY
 NWI Quad at Target Property NWI Electronic Data Coverage
 HIL0 YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION
 Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®
 Search Radius: 1,000 Mile.
 EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID: Not Reported
 LOCATION: FROM TP
 GENERAL DIRECTION: GROUNDWATER FLOW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

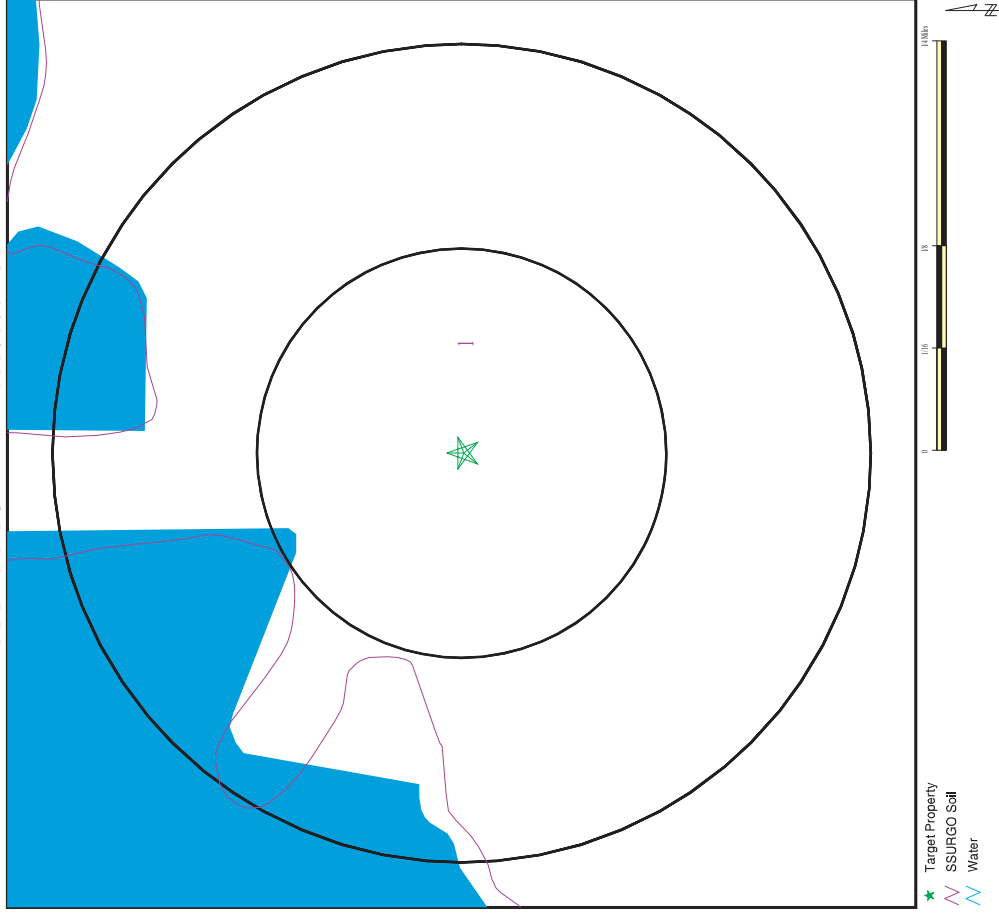
Era: -
 System: -
 Series: -
 Code: N/A (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G., Schubert, R.E., Arndt and W.J., Bawiec, Geology of the Conterminous U.S., at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M., Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6935350.2s



GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Keaukaha
 Soil Surface Texture: muck
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 Soil Drainage Class: Well drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 0 inches
 Depth to Waterable Min: > 0 inches

Soil Layer Information						
Layer	Boundary		Classification		Saturated hydraulic conductivity (micro m/sec)	Soil Reaction (pH)
	Upper	Lower	Soil Texture Class	AASHTO Group		
1	0 inches	7 inches	muck	A-8	Max: 0.42 Min: 0.02	Max: Min:
2	7 inches	18 inches	bedrock	A-8	Max: 0.42 Min: 0.02	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EPA Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)
 Federal USGS 1,000
 Federal FRDS PWS Nearest PWS within 1 mile
 State Database 1,000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID 4
 5
 WELL ID USGS40000268586
 USGS40000268582
 LOCATION FROM TP 1/2 - 1 Mile WSW
 1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID No PWS System Found
 WELL ID
 LOCATION FROM TP

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID A1
 A2
 A3
 WELL ID HIT200000004789
 HIT200000004787
 HIT200000004788
 LOCATION FROM TP 1/4 - 1/2 Mile ENE
 1/4 - 1/2 Mile ENE
 1/4 - 1/2 Mile ENE

PHYSICAL SETTING SOURCE MAP - 6935350.2s



GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database
EDR ID Number

A1
ENE
1/4 - 1/2 Mile
Lower

HI WELLS
HI200000004789

Well #:	8-4403-003	Pump Rate (gpm):	0
Well Owner:	University of Hawaii Manoa, UHM		
Land Owner:	State of Hawaii, DLNR Land Division Oahu, DLNR-LD		
Well Use:	Deep (through Transition zone)		
Well Name:	HSDP-1 Pilot	Original Well Name:	Not Reported
Driller:	Not Reported	Well Construction Type:	Rotary
Casing Diameter (in):	0	Ground Elevation (ft):	15
Well Depth (ft):	3454	Solid Casing Depth:	214
Perforated Casing Depth:	3249		
Major Well Use:	Deep (through Transition zone)	Water Level After Drilling:	1.7
Initial Water Level (ft):	1.7	Chloride Content (mg/L):	0
Water Level After Install:	Not Reported	Test Pump Rate (gpm):	0
Date Tested:	0	Test Chloride Content (MG/L):	0
Test Drawdown Rate(ft):	0	Temp Unit:	Not Reported
Test Water Temp:	Not Reported	Minimum Chloride Level:	Not Reported
Max Chloride Level:	0	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	-3439	Pump Capacity (MM gal/day):	Not Reported
Hole Bottom Elevation:	-3234	Latest Head:	-189
Perforated Casing Bottom Elevation:	0	Latest WCR2 Report:	Not Reported
Pump Intake Depth:	12-FEB-14	Min to Pump 5 Volumes:	0
Latest WCR1 Report:	0		
Transmissivity:	0		

A2
ENE
1/4 - 1/2 Mile
Lower

HI WELLS
HI200000004787

Well #:	8-4403-001	Pump Rate (gpm):	475
Well Owner:	University of Hawaii Hilo, UHH		
Land Owner:	University of Hawaii Hilo, UHH		
Well Use:	Agriculture-Aquatic Plants and Animals		
Well Name:	PACRC-KSW 1	Original Well Name:	Not Reported
Driller:	Rodney Couch (Couch Well Drilling & Hydrology Inc.)	Casing Diameter (in):	8
Ground Elevation (ft):	11	Well Depth (ft):	405
Solid Casing Depth:	390	Perforated Casing Depth:	400
Major Well Use:	Agriculture-Aquatic Plants and Animals		
Initial Water Level (ft):	3.3	Water Level After Drilling:	0
Water Level After Install:	20-JUL-05	Chloride Content (mg/L):	31400
Date Tested:	5.3	Test Pump Rate (gpm):	31400
Test Drawdown Rate(ft):	21.3	Temp Unit:	C
Test Water Temp:	Not Reported	Minimum Chloride Level:	Not Reported
Max Chloride Level:	2005	Draft Year:	Not Reported
Year Installed:	-394	Solid Casing Bottom Elevation:	-379
Hole Bottom Elevation:	-389	Pump Capacity (MM gal/day):	684
Perforated Casing Bottom Elevation:	21	Latest Head:	Not Reported
Pump Intake Depth:	13-OCT-05	Latest WCR2 Report:	05-DEC-05
Latest WCR1 Report:	0	Min to Pump 5 Volumes:	0
Transmissivity:	0		

SITE NAME: Hilo Harbor Industrial Lois Phase I ESA
ADDRESS: Multiple Properties
HILLO HI 96720
LAT/LONG: 19.728452 / 155.053365

CLIENT: Element Environmental, LLC
CONTACT: Angie Peltier
INQUIRY #: 6935350.2s
DATE: April 11, 2022 4:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
A3	ENE	1/4 - 1/2 Mile	Lower	HI WELLS	HI120000004788
Well #:	8-4403-002	Pump Rate (gpm):	450		
Well Owner:	Kevin Hopkins (University of Hawaii Hilo, UHH)				
Land Owner:	Kevin Hopkins (University of Hawaii Hilo, UHH)				
Well Use:	Agriculture-Aquatic Plants and Animals				
Well Name:	PACRC-KFW 2	Original Well Name:	Not Reported		
Driller:	Rodney Couch (Couch Well Drilling & Hydrology, Inc.)				
Well Construction Type:					
Well Construction Date:	11	Well Depth (ft):	12		
Ground Elevation (ft):	11	Casing Diameter (in):	23		
Solid Casing Depth:	10	Perforated Casing Depth:	20		
Region Well Use:	3	Animals	0		
Initial Water Level (ft):	3	Agriculture-Aquatic Plants and Animals	7700		
Water Level After Install:	21-JUL-05	Water Level After Drilling:	500		
Date Tested:	6.5	Chloride Content (mg/L):	7800		
Test Drawdown Rate(ft):	19.8	Test Pump Rate (gpm):	C		
Test Water Temp:	Not Reported	Temp Unit:	Not Reported		
Max Chloride Level:	2005	Minimum Chloride Level:	1		
Year Installed:	-12	Solid Casing Bottom Elevation:	.648		
Hole Bottom Elevation:	-9	Pump Capacity (MM gal/day):	Not Reported		
Perforated Casing Bottom Elevation:	13	Latest Head:	Not Reported		
Pump Intake Depth:	Not Reported	Latest WCR2 Report:	0		
Latest WCR1 Report:	0	Mln to Pump 5 Volumes:			
Transmissivity:					

Well Hole Depth: Not Reported Well Hole Depth Units: Not Reported

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
4	WSW	1/2 - 1 Mile	Higher	FED USGS	USGS40000268586
Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center		
Monitor Location:	8-4303.02	Type:	Well		
Description:	Not Reported	HUC:	20010000		
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported		
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported		
Aquifer:	Not Reported	Formation Type:	Not Reported		
Aquifer Type:	Not Reported	Construction Date:	Not Reported		
Well Depth:	Not Reported	Well Depth Units:	Not Reported		
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported		

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
5	SSW	1/2 - 1 Mile	Higher	FED USGS	USGS40000268582
Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center		
Monitor Location:	8-4303.01	Type:	Well		
Description:	Not Reported	HUC:	20010000		
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported		
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported		
Aquifer:	Not Reported	Formation Type:	Not Reported		
Aquifer Type:	Not Reported	Construction Date:	Not Reported		
Well Depth:	Not Reported	Well Depth Units:	Not Reported		

Well Hole Depth: Not Reported Well Hole Depth Units: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HAWAII County: 3

Note: Zone 1 indoor average level > 4 pCi/L
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L

Federal Area Radon Information for Zip Code: 96720

Number of sites tested: 43

Area	Average Activity	% <=4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.112 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.106 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geological Survey
 EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Office of Planning

Telephone: 808-587-2895

HYDROGEOLOGIC INFORMATION

AQUIFLOWR Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schuben, R.E. Arndt and W.J. Bawiec. Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Bekken Map. USGS Digital Data Series DDS - 11 (1984).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service. mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database

Source: Commission on Water Resource Management

Telephone: 808-587-0214

CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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BEI HAWAII - HILO FACILITY, HAW
60 KUJHIO AVENUE
HILO, HI 96720

Inquiry Number:
June 2, 2022

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases.

Section 1: Facility Detail Reports Page 3
All available detailed information from databases where sites are identified.

Section 2: Databases and Update Information Page 15
Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Site Report™



6 Armstrong Road, 4th floor
Salem, MA 01970
Toll Free: 800.352.0050
www.edrmet.com

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SECTION 1: FACILITY DETAIL REPORTS

BEI HAWAII - HILO FACILITY, HAWAII
 90 KUHIO AVENUE
 HILO, HI 96720
 EDR ID #1016106483

Databases:
 ECHO: Enforcement & Compliance History Information
 FNDIS: Facility Index System/Facility Registry System

ECHO:
 EnvId: 1016106483
 Registry ID: 110000508610
 DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000508610
 Name: BEI HAWAII - HILO FACILITY, HAWAII
 Address: 90 KUHIO AVENUE
 City/State/Zip: HILO, HI 96720

FNDIS:
 Registry ID: 110000508610
 Name: BEI HAWAII - HILO FACILITY, HAWAII
 Address: 90 KUHIO AVENUE
 City/State/Zip: HILO, HI 96720-4768

Click Here:

Environmental Interest/Information System:
 NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
 The system also tracks information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and substances that are regulated under RCRA.
 RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 STATE MASTER
 The State Master database stores the risk management plans or toxic substances, as required under section 112(f) of the Clean Air Act (CAA).
 ICIS (Integrated Compliance Information System) is the integrated Compliance Information System and provides a database that, when complete, will contain information on all regulated sources that are subject to RCRA Title II programs.
 The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it provides a single repository for enforcement information.
 ICIS also supports the NPDES and will integrate that information with Federal activities already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include: Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Supplemental Address:
 FIPS Code: Not reported
 County Name: UNITED STATES
 Federal Facility: Not reported
 Federal Agency: Not reported
 Tribal Name: Not reported
 Congressional District: 02
 Census: 150010206001034
 Hydrologic Unit Code: 20010000
 State: HI
 State Region: STATI0NARY
 Location Description: Not reported
 Date Created: 01-MAR-00
 Date Updated: 27-JUL-20
 U.S.-Mexico Border: Not reported
 Latitude: 19.72681
 Longitude: -155.054167
 Conveyer: RMP
 Horizontal Collection: INTERPOLATION-PHOTO
 Horizontal Accuracy: 25

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Reference Point:
 Horizontal Datum: NAD83
 Coordinates Source: Not reported

Organization:
 Registry ID: 110000508610
 Program System Name: BEI HAWAII
 Program System ID: 10000022183
 Env. Interest Type: RMP REPORTER
 Contact Type: OWNER/OPERATOR
 Start Date: Not reported
 End Date: Not reported
 Organization Name: BEI HAWAII
 Organization Type: UNKNOWN
 Duns Number: Not reported
 Division Name: Not reported
 Phone Number: 8085327400
 Fax Number: 8085366655
 Email: SZHA@BEIHAWAII.COM
 State Business ID: Not reported
 Parent Name: Not reported
 Parent Duns Number: Not reported
 Mailing Address: 311 PACIFIC STREET
 Supplemental Address: Not reported
 City: HONOLULU
 State: Not reported
 Zip: 968175089
 Country: UNITED STATES

Registry ID: 110000508610
 Program System Name: BEI HAWAII
 Program System ID: 10000022183
 Env. Interest Type: RMP REPORTER
 Contact Type: PARENT COMPANY
 Start Date: Not reported
 End Date: Not reported
 Organization Name: BEI HAWAII
 Organization Type: PRIVATE
 Duns Number: 006922678
 Division Name: Not reported
 Phone Number: Not reported
 Alternate Phone Number: Not reported
 Fax Number: Not reported
 Email: Not reported
 State Business ID: Not reported
 Parent Name: Not reported
 Parent Duns Number: Not reported
 Mailing Address: Not reported
 Supplemental Address: Not reported
 City: Not reported
 State: Not reported
 Zip: Not reported
 Country: Not reported

Registry ID: 110000508610
 Program System Name: BEI HAWAII
 Program System ID: 10000022183
 Env. Interest Type: RMP REPORTER
 Contact Type: OWNER
 Start Date: Not reported
 End Date: Not reported
 Organization Name: BREWER ENVIRONMENTAL INDUSTRIES LLC
 Organization Type: Not reported
 Duns Number: Not reported
 Division Name: Not reported
 Phone Number: Not reported
 Alternate Phone Number: Not reported
 Fax Number: Not reported
 Email: Not reported
 State Business ID: Not reported
 Parent Name: Not reported
 Standard Parent: Not reported
 Parent Duns Number: Not reported
 Mailing Address: Not reported
 Supplemental Address: Not reported
 City: Not reported
 State: Not reported
 Zip: Not reported
 Country: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Registry ID: 110000508610
 Program System Name: HCRAINFO
 Program System ID: 0967
 Env. Interest Type: UNSPECIFIED UNIVERSE
 Contact Type: OWNER
 Start Date: Not reported
 End Date: Not reported
 Organization Name: STATE OF HAWAII
 Organization Type: STATE
 Duns Number: Not reported
 Phone Number: 415-555-1212
 Alternate Phone Number: Not reported
 Email: Not reported
 EIN: Not reported
 State Business ID: Not reported
 Parent Name: Not reported
 Standard Parent Name: Not reported
 Parent Duns Number: NOT REQUIRED
 Mailing Address: NOT REQUIRED
 Supplemental Address: NOT REQUIRED
 City: Not reported
 State: Not reported
 Zip: 96999
 Country: USA

Registry ID: 110000508610
 Program System Name: RCRAINFO
 Program System ID: UNSPECIFIED UNIVERSE
 Env. Interest Type: UNSPECIFIED UNIVERSE
 Contact Type: OWNER
 Start Date: Not reported
 End Date: Not reported
 Organization Name: BREWER CHEMICAL CORPORATION
 Organization Type: CHEMICAL
 Duns Number: Not reported
 Phone Number: 415-555-1212
 Alternate Phone Number: Not reported
 Email: Not reported
 Fax Number: Not reported
 EIN: Not reported
 State Business ID: Not reported
 Parent Name: Not reported
 Standard Parent Name: Not reported
 Parent Duns Number: NOT REQUIRED
 Mailing Address: NOT REQUIRED
 Supplemental Address: NOT REQUIRED
 City: Not reported
 State: Not reported
 Zip: 96999
 Country: USA

Registry ID: 110000508610
 Program System Name: HI-EHW
 Program System ID: 1119
 Contact Type: MASTER OWNER
 Start Date: Not reported
 End Date: Not reported
 Organization Name: BREWER ENVIRONMENTAL INDUSTRIES LLC
 Organization Type: UNKNOWN
 Duns Number: Not reported
 Phone Number: Not reported
 Alternate Phone Number: Not reported
 Fax Number: Not reported
 Email: Not reported
 EIN: Not reported
 State Business ID: Not reported
 Parent Name: Not reported
 Standard Parent Name: Not reported
 Parent Duns Number: Not reported
 Mailing Address: Not reported
 Supplemental Address: BENTONVILLE
 City: AR
 State: AR
 Zip: 72712
 Country: US
 Registry ID: 110000508610
 Program System ID: RMP
 Program System ID: 100000022183

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Env. Interest Type: RMP REPORTER
 Contact Type: PARENT COMPANY 1
 Start Date: Not reported
 End Date: Not reported
 Organization Name: PHOENIX V LLC
 Organization Type: UNKNOWN
 Duns Number: 101471600
 Division Name: Not reported
 Parent Name: Not reported
 Standard Parent Name: Not reported
 Parent Duns Number: Not reported
 Mailing Address: Not reported
 Supplemental Address: Not reported
 City: Not reported
 State: Not reported
 Zip: Not reported
 Country: Not reported

Alternate Name:
 Registry ID: 110000508610
 Information System Abbreviated Name: IOWS
 Program System ID: 96721BRWRC60KUH
 Alternative Name Type: BREWER ENVIRONMENTAL INDUSTRIES LLC, HILO PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: TRIS
 Program System ID: 96721BRWRC60KUH
 Alternative Name Type: BEIHILO PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: HIL059472415
 Program System ID: BREWER CHEM CORP
 Alternative Name Type: PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: TRIS
 Program System ID: 96721BRWRC60KUH
 Alternative Name Type: BEIHILO PRIMARY

Registry ID: 110000508610
 Information System Abbreviated Name: TRIS
 Program System ID: 96721BRWRC60KUH
 Alternative Name Type: BEI MAILING NAME

Registry ID: 110000508610
 Information System Abbreviated Name: RMP
 Program System ID: 100000022183
 Alternative Name Type: BEI HAWAII - HILO FACILITY, HAWAII PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: HI-EHW
 Program System ID: 1119
 Alternative Name Type: BROWNING-FERRIS INDUSTRIES OF HAWAII UNKNOWN

Registry ID: 110000508610
 Information System Abbreviated Name: NCDB
 Program System ID: C09H09-91275-01-WR
 Alternative Name Type: BREWER ENVIRONMENTAL INDUSTRIES PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: RCRAINFO
 Program System ID: HID982025967
 Alternative Name Type: FARMER PESTICIDE DISPOSAL PROJECT PROGRAM NAME

Registry ID: 110000508610
 Information System Abbreviated Name: NCDB
 Program System ID: I09H1991050902192.1
 Alternative Name Type: BREWER ENVIRONMENTAL INDUSTRIES PROGRAM NAME

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Contact:
 Registry ID: 110000508610
 Program System Name: TRIS
 Program System ID: 96721BRVRC60KUH
 Env. Interest Type: REGULATORY CONTACT
 Contact Type: PUBLIC CONTACT
 Start Date: Not reported
 End Date: Not reported
 Contact Name: SHIRLEY ZHAI
 Contact Title: Not reported
 Contact Telephone: 808-548-6915
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 Mailing Country: Not reported

Interest:
 Registry ID: 110000508610
 Program System Name: HI-EHW
 Program System ID: 1119
 Env. Interest Type: STATE MASTER
 Contact Type: PUBLIC SITE CONTACT
 Start Date: Not reported
 End Date: Not reported
 Contact Name: KEN MATSUZAKI
 Contact Title: BRANCH MANAGER
 Contact Telephone: (809) 333-7800
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: 60 KUHIO STREET
 Mailing City: Not reported
 Mailing State Code: Not reported
 Mailing State: Not reported
 Mailing Zip: 96720
 Mailing Country: UNITED STATES

Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 100000022183
 Env. Interest Type: RMP-REPORTER
 Contact Type: RESPONSIBLE PARTY
 Start Date: Not reported
 End Date: Not reported
 Contact Name: CAROLYN AMBROSE
 Contact Title: BEI HAWAII, EXEC.VICE PRESIDENT
 Contact Telephone: 8085356025
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 Mailing Country: Not reported

Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 100000022183
 Env. Interest Type: RMP-REPORTER
 Contact Type: RESPONSIBLE PARTY
 Start Date: Not reported
 End Date: Not reported
 Contact Name: CAROLYN AMBROSE
 Contact Title: BEI HAWAII, EXEC.VICE PRESIDENT
 Contact Telephone: 8085356025
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: Not reported
 Mailing State: Not reported
 Mailing Zip: Not reported
 Mailing Country: Not reported

Registry ID: 110000508610
 Program System Name: TRIS
 Program System ID: HID5842025867
 Env. Interest Type: UNSPECIFIED UNIVERSE
 Contact Type: REGULATORY CONTACT
 Start Date: Not reported
 End Date: Not reported
 Contact Name: ENVI/ENVIRONMENTAL MANAGER
 Contact Title: Not reported
 Contact Telephone: 808-548-6915
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: 60 KUHIO RD
 Mailing City: HILO
 Mailing State Code: Not reported
 Mailing State: HAWAII
 Mailing Zip: 96720

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Mailing Country: UNITED STATES

Registry ID: 110000508610
 Program System Name: TRIS
 Program System ID: HID58472415
 Env. Interest Type: UNSPECIFIED UNIVERSE
 Contact Type: REGULATORY CONTACT
 Start Date: Not reported
 End Date: Not reported
 Contact Name: SHIRLEY ZHAI
 Contact Title: Not reported
 Contact Telephone: 8085356025
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: 311 PACIFIC ST
 Mailing City: HONOLULU
 Mailing State Code: HI
 Mailing State: HAWAII
 Mailing Zip: 968175089
 Mailing Country: UNITED STATES

Interest:
 Registry ID: 110000508610
 Program System Name: NCDB
 Program System ID: C03#09-91275-01-WR
 Env. Interest Type: COMPLIANCE ACTIVITY
 Contact Type: FEDERAL
 Start Date: Not reported
 End Date: Not reported
 Contact Name: Not reported
 Contact Title: Not reported
 Contact Telephone: Not reported
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: 20-APR-02
 Mailing State: Not reported
 Mailing Zip: 20-APR-02
 Mailing Country: Not reported

Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 100000022183
 Env. Interest Type: RMP-REPORTER
 Contact Type: FEDERAL
 Start Date: Not reported
 End Date: Not reported
 Contact Name: Not reported
 Contact Title: Not reported
 Contact Telephone: Not reported
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: 09-JAN-13
 Mailing State: DE-REGISTRATION EFFECTIVE DATE
 Mailing Zip: 18-JUN-09
 Mailing Country: Not reported

Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 100000022183
 Env. Interest Type: RMP-REPORTER
 Contact Type: FEDERAL
 Start Date: Not reported
 End Date: Not reported
 Contact Name: Not reported
 Contact Title: Not reported
 Contact Telephone: Not reported
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: 14-FEB-14
 Mailing State: DE-REGISTRATION EFFECTIVE DATE
 Mailing Zip: Not reported
 Mailing Country: Not reported

Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 100000022183
 Env. Interest Type: RMP-REPORTER
 Contact Type: FEDERAL
 Start Date: Not reported
 End Date: Not reported
 Contact Name: Not reported
 Contact Title: Not reported
 Contact Telephone: Not reported
 Contact Alternate Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Mailing Address: Not reported
 Mailing City: Not reported
 Mailing State Code: 03-APR-01
 Mailing State: TRIS
 Mailing Zip: 31-DEC-15
 Mailing Country: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Registry ID: 110000508610
 Program System Name: IC/S
 Program System ID: 24596
 Supplemental Interest: FEDERAL ENFORCEMENT ACTION
 Federal ST Code: FEDERAL
 Start Date: 25-SEP-01
 End Date: Not reported
 Data Source: COMPLAINT/PROPOSED ORDER
 End Date: Not reported
 Last Reported: 10-OCT-01
 Date Created: 10-OCT-01
 Date Updated: 10-JUN-03
 Active Status: Not reported

 Registry ID: 110000508610
 Program System Name: RCRANFO
 Program System ID: HID982025967
 Supplemental Interest: UNSPECIFIED UNIVERSE
 Federal ST Code: 20-AUG-87
 Start Date: FIRST NOTIFICATION DATE
 End Date: Not reported
 Data Source: RCRANFO
 End Date: Not reported
 Last Reported: 23-NOV-01
 Date Created: 23-NOV-01
 Date Updated: 31-JAN-12
 Active Status: N

 Registry ID: 110000508610
 Program System Name: RCRANFO
 Program System ID: HID059472415
 Supplemental Interest: UNSPECIFIED UNIVERSE
 Federal ST Code: FEDERAL
 Start Date: 04-AUG-83
 End Date: Not reported
 Data Source: NOTIFICATION DATE
 End Date: Not reported
 Last Reported: Not reported
 Date Created: RCRANFO
 Date Updated: 23-NOV-07
 Active Status: N

 Registry ID: 110000508610
 Program System Name: HI-EHW
 Program System ID: STATE MASTER
 Supplemental Interest: STATE
 Federal ST Code: Not reported
 Start Date: Not reported
 End Date: Not reported
 Data Source: HI-EHW
 End Date: Not reported
 Last Reported: 24-JUL-13
 Date Created: 05-JAN-16
 Date Updated: Not reported
 Active Status: Not reported

 Mailing Information:
 Program System Name: 110000508610
 Program System ID: RCRANFO
 Supplemental Interest: UNSPECIFIED UNIVERSE
 Contact Type: FACILITY MAILING ADDRESS
 Contact Address: Not reported
 Contact City: 465 S KING ST
 Contact State Code: HONOLULU
 Contact Zip: HAWAII
 Contact Country: UNITED STATES 96813

 Registry ID: 110000508610
 Program System Name: TRI REPORTER
 Program System ID: 96721BRWRC60KUH
 Supplemental Interest: MAILING ADDRESS
 Contact Type: Not reported
 Start Date: Not reported
 Mailing Address: 311 PACIFIC ST

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Supplemental Address: Not reported
 Contact City: HONOLULU
 Contact State Code: HAWAII
 Contact Zip: 968175089
 Contact Country: UNITED STATES

 Registry ID: 110000508610
 Program System Name: UNSPECIFIED UNIVERSE
 Program System ID: HID059472415
 Supplemental Interest: FACILITY MAILING ADDRESS
 Contact Type: Not reported
 Start Date: Not reported
 End Date: Not reported
 Data Source: MAILING ST
 End Date: Not reported
 Last Reported: Not reported
 Date Created: HONOLULU
 Date Updated: HI
 Contact City: HAWAII
 Contact State Code: 968150089
 Contact Zip: UNITED STATES
 Contact Country: UNITED STATES

 NAICS:
 Registry ID: 110000508610
 Program System Name: RCRANFO
 Program System ID: HID982025967
 Supplemental Interest: UNSPECIFIED UNIVERSE
 Primary Indicator: PRIMARY
 Description Code: PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

 Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 10000022183
 Supplemental Interest: RMP REPORTER
 Federal ST Code: 48311
 NAICS Code: UNKNOWN
 Primary Indicator: GENERAL WAREHOUSING AND STORAGE
 Description Code:

 Registry ID: 110000508610
 Program System Name: RMP
 Program System ID: 10000022183
 Supplemental Interest: RMP REPORTER
 Federal ST Code: 42469
 NAICS Code: UNKNOWN
 Primary Indicator: OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
 Description Code:

 Registry ID: 110000508610
 Program System Name: RCRANFO
 Program System ID: HID059472415
 Supplemental Interest: UNSPECIFIED UNIVERSE
 Federal ST Code: 32532
 NAICS Code: PRIMARY
 Primary Indicator: PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING
 Description Code:

 Registry ID: 110000508610
 Program System Name: TRIS
 Program System ID: 96721BRWRC60KUH
 Supplemental Interest: TRI REPORTER
 Federal ST Code: 424690
 NAICS Code: PRIMARY
 Primary Indicator: OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
 Description Code:

 Program:
 Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: mO
 Data Source: CREWER ENVIR IND
 Facility Name: 60
 Stid Home Number: KUHIO ST
 Stid Street Name: KUHIO
 Stid Base Name: Not reported
 Stid Prefix: Not reported
 Stid Suffix: Not reported
 Stid Type Before: Not reported
 Stid Type After: Not reported
 Stid Postal Code: 96720
 Stid City Name: HILO
 Stid County Name: HAWAII COUNTY
 Stid State Code: HI
 Stid ZIPS: 15001
 Stid Country: US
 Stid Full Address: 60 KUHIO ST, HILO, HI 96720 US
 Address Type: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: Not reported
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: V
 Std Name: BREWER CHEM
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: Not reported
 Std Suffix: Not reported
 Std State Code: ST
 Std County FIPS: 96720
 Std Country: HI
 Std Full Address: 60 KUHIO ST, HILO, HI 96720 US

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: 26-JAN-12
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: V
 Std Name: FARMER PESTICIDE DISPOSAL PROJECT
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: Not reported
 Std Suffix: Not reported
 Std State Code: ST
 Std County FIPS: 96720
 Std Country: HI
 Std Full Address: 60 KUHIO ST, HILO, HI 96720 US

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: Not reported
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: V
 Std Name: BREWER CHEMIL CORPRT
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: 15-MAY-17
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: V
 Std Name: BEI HILO
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: Not reported
 Std Suffix: Not reported
 Std State Code: ST
 Std County FIPS: 96720
 Std Country: HI
 Std Full Address: 60 KUHIO ST, HILO, HI 96720 US

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: 31-DEC-15
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: 20010000
 HUC Code 12: Not reported
 Data Quality Code: V
 Std Name: BREWER ENVIR IND HILO
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: Not reported
 Std Suffix: Not reported
 Std State Code: ST
 Std County FIPS: 96720
 Std Country: HI
 Std Full Address: 60 KUHIO ST, HILO, HI 96720 US

Link Method: Not reported
 Location Description: Not reported
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Not reported
 Public Ind: Y
 Date Refresh: 18-FEB-07
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Stand Alone Flag: Not reported
 Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: mO
 Std Name: BREWER ENVIR IND
 Std House Number: 60
 Std Street Name: KUHIO ST
 Std Base Name: KUHIO
 Std Prefix: Not reported
 Std Suffix: Not reported
 Std Style Before: Not reported
 Std Style After: Not reported
 Std City Name: HILO
 Std County Name: HAWAII COUNTY
 Std State Code: HI
 Std County FIPS: 15001
 Std Country: 65 KUHIO ST, HILO, HI 96720 US
 Std Full Address: Not reported
 Address Type: NAME ADDRESS
 Link Method: Not reported
 Location Description: REFRESH
 User ID: Not reported
 User Ind: Not reported
 User Comment: Y
 Public Ind: Not reported
 Date Refresh: Not reported
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

Legislative District Number: Not reported
 HUC Code 8: Not reported
 HUC Code 12: Not reported
 Data Quality Code: Y
 Std Name: BEI HI HILO FACILITY HI
 Std Street Name: Not reported
 Std House Number: Not reported
 Std Base Name: Not reported
 Std Prefix: Not reported
 Std Suffix: Not reported
 Std Style Before: Not reported
 Std Style After: Not reported
 Std Postal Code: 96720
 Std County Name: HAWAII COUNTY
 Std State Code: HI
 Std County FIPS: 15001
 Std Country: US
 Std Full Address: Not reported
 Address Type: Not reported
 Link Method: Not reported
 Location Description: REFRESH
 User ID: Not reported
 Sensitive Ind: Not reported
 User Comment: Y
 Public Ind: Not reported
 Date Refresh: 05-JAN-18
 Small Bus Ind: Not reported
 Env Justice Code: Not reported
 Parent Program System ID: Not reported
 Stand Alone Flag: Not reported

SIC:

Interest Type: COMPLIANCE ACTIVITY
 SIC Code: 2879
 Primary Ind: PRIMARY
 Description Code: PESTICIDES AND AGRICULTURAL CHEMICALS, NOT ELSEWHERE CLASSIFIED

Interest Type: FORMAL ENFORCEMENT ACTION
 SIC Code: 5169
 Primary Ind: PRIMARY
 Description Code: CHEMICALS AND ALLIED PRODUCTS, NOT ELSEWHERE CLASSIFIED

Interest Type: TRI REPORTER
 SIC Code: 5189
 Primary Ind: PRIMARY
 Description Code: CHEMICALS AND ALLIED PRODUCTS, NOT ELSEWHERE CLASSIFIED

Interest Type: FORMAL ENFORCEMENT ACTION
 SIC Code: 5191

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Primary Ind: SECONDARY
 Description Code: FARM SUPPLIES

Interest Type: TRI REPORTER
 SIC Code: 5159
 Primary Ind: SECONDARY
 Description Code: FARM-PRODUCT RAW MATERIALS, NOT ELSEWHERE CLASSIFIED

Supplemental Interest:
 Interest Type: STATE MASTER
 Support: UNDERGROUND STORAGE TANK PROGRAM
 Start Date: 25-SEP-92
 End Date: Not reported
 Data Source: HI-EHW
 Case Reported Date: 27-OCT-15
 Created Date: 15-MAY-17
 Updated Date:

Interest Type: STATE MASTER
 Support: UNDERGROUND STORAGE TANK PROGRAM
 Start Date: 25-SEP-92
 End Date: Not reported
 Data Source: HI-EHW
 Case Reported Date: 27-OCT-15
 Created Date: 24-JAN-13
 Updated Date:

Interest Type: FORMAL ENFORCEMENT ACTION
 Support: COMPLAINT/PROPOSED ORDER
 Start Date: Not reported
 End Date: Not reported
 Data Source: ICS
 Case Reported Date: 24-FEB-07
 Created Date: Not reported
 Updated Date:

Interest Type: STATE MASTER
 Support: NPDES PERMIT
 Start Date: 15-AUG-02
 End Date: Not reported
 Data Source: HI-EHW
 Case Reported Date: 27-AUG-15
 Created Date: 15-MAY-17
 Updated Date:

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

ECHO: Enforcement & Compliance History Information

Source: Environmental Protection Agency
Telephone: 202-564-2280
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/05/2022
Date of Next Scheduled Update: 07/18/2022

FINDS: Facility Index System/Facility Registry System

Source: EPA
Telephone: Not reported
Facility Index System: FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket), EDRS (Emission and Risk Information on Civil/Judicial Enforcement Cases for all Environmental Sources), FUS (Federal Enforcement System), C-DOCK (Civil Docket), and FFCIS (Federal Facilities Information System). STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Database Release Frequency: Quarterly
Date of Last EDR Contact: 05/18/2022
Date of Next Scheduled Update: 08/12/2022

HGP INC
525-B KALANIANA'OLE AVE
HILO, HI 96720

Inquiry Number:
June 2, 2022

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases.

Section 1: Facility Detail Reports **Page 3**

All available detailed information from databases where sites are identified.

Section 2: Databases and Update Information **Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Site Report™



6 Armstrong Road, 4th floor
Salem, MA 01970
Toll Free: 800.352.0050
www.edrmet.com

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SECTION 1: FACILITY DETAIL REPORTS

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

HGP INC
525-B KALANIANA'OLE AVE
HILO, HI 96720
EPA ID #1016209064

Databases:
ECHO: Enforcement & Compliance History Information
FNDS: Facility Index System/Facility Registry System

ECHO:
EnvId: 1016209064
Registry ID: 110005723388
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005723388>
Name: HGP INC
Address: 525-B KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720

FNDS:
Registry ID: 110005723388
Name: HGP INC
Address: 525-B KALANIANA'OLE AVE
City/State/Zip: HILO, HI 96720

Click Here:

Environmental Interest Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the status of RCRA facilities, permits, compliance, and corrective action activities required under RCRA.

Supplemental Address: Not reported
FIPS Code: 15001
Country Name: UNITED STATES
Federal Agency: Not reported
Tribal Land: Not reported
Tribal Name: Not reported
Congressional District: 02
Census: 50010206001034
EPA Region: 9
Site Type: STATIONARY
Date Created: Not reported
Site Update: 01-MAR-00
US Border: Not reported
Information System Abbreviated Name: Not reported
Latitude: 19.726481
Longitude: -155.066553
Conveyor: Not reported
Horizontal Accuracy: ADDRESS MATCHING-HOUSE NUMBER
Reference Point: 50
Horizontal Datum: ENTRANCE POINT OF A FACILITY OR STATION
Coordinates Source: NAD83
Not reported

Alternate Name:
Registry ID: 110005723388
Information System Abbreviated Name: HCRAINFO
Program System ID: HID980665665
Alternative Name: HGP INC
PROGRAM NAME

Contact:
Registry ID: 110005723388
Program System Name: HCRAINFO
Program System ID: HID980665665
Facility Name: UNSPECIFIED UNIVERSE
Contact Type: REGULATORY CONTACT
Not reported
End Date: Not reported
Contact Name: ENVIRONMENTAL MANAGER
Contact Telephone: 808-935-9304
Contact Alternate Telephone: Not reported
Contact Fax: Not reported
Mailing Address: 525-B KALANIANA'OLE AVE

Supplemental Address:
Mailing City: HILO
Mailing State Code: Not reported
Mailing State: Not reported
Mailing Zip: 96720
Mailing Country: USA

Interest:
Registry ID: 110005723388
Program System Name: HCRAINFO
Program System ID: HID980665665
Facility Name: UNSPECIFIED UNIVERSE
Federal ST Code: FEDERAL
Start Date: 23-JUL-93
FIRST NOTIFICATION DATE
End Date: Not reported
Last Reported: Not reported
Data Source: RCRAINFO
Last Reported: Not reported
Date Created: 23-NOV-07
Date Updated: 31-JAN-12
Active Status: N

Mailing Information:
Registry ID: 110005723388
Program System Name: HCRAINFO
Program System ID: HID980665665
Supplemental Interest: UNSPECIFIED UNIVERSE
Contact Type: FACILITY MAILING ADDRESS
Start Date: Not reported
End Date: Not reported
Mailing Address: 525B KALANIANA'OLE AV
Mailing City: Not reported
Mailing State Code: HI
Mailing State: Not reported
Mailing Zip: 96720
Mailing Country: UNITED STATES

Program:
Legislative District Number: Not reported
HUC Code 8: Not reported
HUC Code 12: Not reported
County Code: HGP
525
Sld Name: KALANIANA'OLE AVE
Sld House Number: KALANIANA'OLE
Sld Street Name: Not reported
Sld Base Name: Not reported
Sld Suffix: Not reported
Sld Style Before: AVE
Sld Style After: Not reported
Sld Postal Code: 96720
Sld City Name: HILO
Sld State Code: HI
Sld State: HIWAII COUNTY
Sld Country: 15001
US
Sld Full Address: 525 KALANIANA'OLE AVE, HILO, HI 96720 US
Address Type: MAILING ADDRESS
Location Description: REFRESH
User ID: Not reported
Sensitive Ind: Not reported
User Comment: Not reported
Date Refresh: 26-JAN-12
Small Bus Ind: Not reported
Env Justice Code: Not reported
Parent Program System ID: Not reported
StandAlone Flag: Not reported

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

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Telephone: Not reported
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Date of Government Version: 05/13/2022
Database Release Frequency: Quarterly
Date of Last EDR Contact: 05/18/2022
Date of Next Scheduled Update: 08/12/2022

JACK L. AYERS, JR.
555 KALANIANA'OLE AVENUE
HILO, HI 96720

Inquiry Number:
June 2, 2022

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All available detailed information from databases where sites are identified.

Section 2: Databases and Update Information **Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Site Report™



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Salem, MA 01970
Toll Free: 800.352.0050
www.edrmet.com

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SECTION 1: FACILITY DETAIL REPORTS

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

JACK L AYERS, JR.
555 KALANI'ANA'OLE AVENUE
HILO, HI 96720
EDR ID #1016404874

Databases: FINDER, Facility Index System, Facility Registry System

FINDS:
Name: JACK L AYERS, JR.
Address: 555 KALANI'ANA'OLE AVENUE
City/State/Zip: HILO, HI 96720

Click Here:
Environmental Interest/Information System:
STATE MASTER

Supplemental Address: Not reported
FIPS Code: Not reported
Country Name: U.S.A.
Federal Facility: Not reported
Federal Agency: Not reported
Tribal Name: Not reported
Congressional District: 02
Census: 150010206001034
Hydrologic Unit Code: 20010000
State Region: STATIONARY
Location Description: Not reported
Date Created: 23-JUL-13
Date Updated: Not reported
US-Mexico Border: Not reported
Landmark: Not reported
Landmark System Abbreviated Name: 19-726696
Longitude: -155.056169
Conveyor: FRS-GEOCODE
Horizontal Collection: ADDRESS MATCHING-HOUSE NUMBER
Horizontal Accuracy: Not reported
Horizontal Datum: NAD83
Coordinates Source: Not reported

Alternate Name:
Registry ID: 110055394238
Information System Abbreviated Name: HI-EHW
Program System ID: 5186
Alternative Name: JACK L AYERS, JR.
Alternative Name Type: PROGRAM NAME

Interest:
Registry ID: 110055394238
Program System Name: HI-EHW
Program System ID: 5186
State Master: STATE MASTER
Reporting Code: Not reported
Start Date Qualifier: Not reported
End Date Qualifier: Not reported
Data Source: HI-EHW
Date Created: 24-JUL-13
Date Updated: 05-JAN-16
Active Status: Not reported

Program:
Legislative District Number: Not reported
HUC Code 8: Not reported
Data Quality Code: V
Std Name: JACK L AYERS JR
Std House Number: 555
Std Street Name: KALANI'ANA'OLE AVE
Std Prefix: Not reported
Std Suffix: Not reported
Std Style Before: Not reported
Std Style After: AVE
Std Postal Code: 96720

Std City Name: HILO
Std County Name: HAWAII COUNTY
Std State Code: HI
Std Country: US
Std Full Address: 555 KALANI'ANA'OLE AVE, HILO, HI 96720 US
Address Type: Not reported
Link Method: Not reported
Location Description: Not reported
Location ID: Not reported
User Comment: Not reported
Public Ind: Y
Date Refresh: 23-JUL-13
Date Reported: Not reported
Env Justice Code: Not reported
Parent Program System ID: Not reported
Stand Alone Flag: Not reported

Supplemental Interest:
Interest Type: STATE MASTER

Support: UNDERGROUND STORAGE TANK PROGRAM
Start Date: 24-JUL-13
Start Date Qualifier: INSTALLATION DATE
End Date: 24-DEC-91
End Date Qualifier: CLOSURE DATE
Data Source: HI-EHW
Date Reported: 27-FEB-13
Date Updated: 05-JAN-16

Interest Type: STATE MASTER
Support: NPDES PERMIT
Start Date: 24-JUL-13
Start Date Qualifier: NPCC RECEIVED/ISSUED DATE
End Date: 03-MAY-00
End Date Qualifier: NGPC TERMINATION DATE
Data Source: HI-EHW
Date Reported: Not reported
Date Updated: 24-JAN-13

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

FINDS: Facility Index System/Facility Registry System

Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AQS (Air Quality Information Retrieval System), CCR (Enforcement Database), FUR (Facility Update Registry), C-DOCKET (Criminal Docket System) and C-DOCKET (Criminal Docket System). FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System) used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Date of Last EDR Contact: 05/18/2022
Database Release Frequency: Quarterly
Date of Next Scheduled Update: 08/12/2022

EDR Environmental Lien and AUL Search

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
555 KALANIANA'OLE ST
HILO, HI 96720

Inquiry Number: 6935350.7S
APRIL 18, 2022

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

EDR Environmental Lien and AUL Search

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
555 KALANIANA'OLE ST
HILO, HI 96720

RESEARCH SOURCE

Source 1: HAWAII COUNTY RECORDER'S OFFICE
Source 2: HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: LOT 5 1.028 AC DES LPGR 7101 WAIAKEA WAREHOUSE LOTS
Current Owner: 595K LLC
Property Identifiers: 3-2-1-007-004-0000
Comments: NA

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: 595K LLC
Title received from: MASAYUMI, INC
Date Executed: 11/12/2019
Date Recorded: 11/25/2019
Book: NA
Page: NA
Volume: NA
Instrument#: A72720300
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found
Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AULs: Found Not Found
Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments: NONE IDENTIFIED.

STATE OF HAWAII
BUREAU OF CONVEYANCES
RECORDED November 29, 2019 8:01 AM
Doc No: 57270300
CONVEYANCE TAX: \$12,000.00
JANIS H. KOHALA, Registrar
PG 5

LAND COURT

REGULAR SYSTEM

AFTER RECORDATION, RETURN BY: MAIL PICKUP TO:

595K LLC
519 Manono Street
Hilo, HI 96720



FAM 5662292 (KAU)

Total Pages: 5

Tax Map Key: (3) 2-1-007-004

WARRANTY DEED

THIS INSTRUMENT is made as of this 11-26-19 by and between **MASAYUMI, INC.**, a Hawaii corporation, hereinafter called the "Grantor", and **595K LLC**, a Hawaii limited liability company, whose address is 519 Manono Street, Hilo, HI 96720, as **Tenant in Severalty**, hereinafter called the "Grantee";

WITNESSETH:

That for TEN DOLLARS (\$10.00) and other valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, the Grantor does hereby grant, bargain, sell and convey unto the Grantee, in fee simple, all that certain real property described in **EXHIBIT A** attached hereto and made a part hereof;

And the Grantee does, nevertheless, heretofore, heretofore and all of the estate, right, title and interest of the Grantor, both at law and in equity, therein and thereto;

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights, easements, privileges and appurtenances thereon and thereto belonging or appertaining or held or to be enjoyed therewith, unto the Grantee according to the tenancy herein set forth, forever.

IN WITNESS WHEREOF, the Grantor has executed this instrument as of the date set forth above.

Grantor:
MASAYUKI, INC., a Hawaii corporation

By: [Signature]
Name: Yasuo M. Shin
Title: President

By: _____
Name: _____
Title: _____

AND, in consideration of the premises, the Grantor does hereby covenant with the Grantee that the Grantor is lawfully seized of the real property herein described in fee simple; that said real property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet due and payable, and except as set forth herein; that the Grantor has good right to sell and convey said real property, as aforesaid; and, that the Grantor will **WARRANT AND DEFEND** the same unto the Grantee against the lawful claims and demands of all persons, except as aforesaid.

The covenants herein set forth and the warranties of the Grantor concerning the same are expressly covenanted to be in favor of the Grantee, and the Grantee's heirs, devisees, personal representatives, successors and assigns, according to the context thereof.

The terms "Grantor" and "Grantee" as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or plural number, and each of their respective heirs, devisees, personal representatives, successors and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the parties hereto, notwithstanding all of the parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recordation, filing and delivery of this instrument, duplicate unexecuted and unacknowledged pages of the counterparts may be scanned and the remaining pages assembled as one document.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK - SIGNATURE(S) ON FOLLOWING PAGE(S)]

STATE OF HAWAII }
COUNTY OF HAWAII } ss.

On 11-25-19 before me personally appeared Lo cocaine Shin to me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument identified or described as **WARRANTY DEED**, as the free act and deed of such person(s), and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.

The foregoing instrument dated 11-25-19 executed on 5 page(s) at the time of this acknowledgment/certification was executed in the Honolulu Judicial Circuit.



Notary Public Signature Kaiti Jones
Print Name: Kaiti Jones
Notary Public, State of Hawaii
My commission expires: 9/2020

STATE OF HAWAII }
COUNTY OF HAWAII } ss.

On _____, before me personally appeared _____ to me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument identified or described as **WARRANTY DEED**, as the free act and deed of such person(s), and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.

The foregoing instrument dated _____, contained _____ page(s) at the time of this acknowledgment/certification was executed in the _____ Judicial Circuit.

Notary Public Signature _____
Print Name: _____
Notary Public, State of Hawaii
My commission expires: _____

EXHIBIT A

ALL OF THAT CERTAIN PARCEL OF LAND (BEING ALL OF THE LAND(S) DESCRIBED IN AND COVERED BY LAND PATENT GRANT NUMBER 7401 TO HILLO EMPORIUM, LTD.) SITUATE, LYING AND BEING AT WAIAKEA, DISTRICT OF SOUTH HILO, ISLAND AND COUNTY OF HAWAII, STATE OF HAWAII, BEING LOT 5 OF THE "WAIAKEA WAREHOUSE LOTS", REGISTERED MAP NO. 2539, FIRST LAND DISTRICT, AND THUS BOUNDED AND DESCRIBED:

BEGINNING AT THE SOUTH CORNER OF THIS LOT AND THE EAST CORNER OF LOT 6, ON THE NORTHWEST SIDE OF KUHIO WHARF ROAD, THE COORDINATES OF SAID POINT OF BEGINNING REFERRED TO GOVERNMENT SURVEY TRIANGULATION STATION "HIALAI" BEING 3,619.56 FEET NORTH AND 13,794.62 FEET EAST; AS SHOWN ON GOVERNMENT SURVEY MAP NO. 439, AND RUNNING AS FOLLOWS BY TRUE AZIMUTHS:

1. 154° 25' 48" 338.30 FEET ALONG LOT 6;
2. 244° 25' 48" 132.35 FEET ALONG HAWAII CONSOLIDATED RAILWAY, LTD.'S RIGHT-OF-WAY;
3. 334° 25' 48" 338.30 FEET ALONG LOT 4;
4. 64° 25' 48" 132.35 FEET ALONG THE NORTHWEST SIDE OF KUHIO WHARF ROAD TO THE POINT OF BEGINNING AND CONTAINING AN AREA OF 1.068 ACRES, MORE OR LESS.

BEING ALL OF THE PREMISES CONVEYED BY LIMITED WARRANTY DEED RECORDED DECEMBER 27, 2005 AS REGULAR SYSTEM DOCUMENT NO. 2005-267088 OF OFFICIAL RECORDS.
GRANTOR: BANK OF HAWAII AND HOWARD R. GREEN, AS TRUSTEES UNDER THE HELEN VIRGINIA EMERSON TESTAMENTARY TRUST
GRANTEE: NASAYUKI, INC., A HAWAII CORPORATION

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
525 KALANIANA'OLE ST
HILO, HI 96720

Inquiry Number: 6935350.75
APRIL 18, 2022

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

EDR Environmental Lien and AUL Search

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
525 KALANINA'OLE ST
HILO, HI 96720

RESEARCH SOURCE

Source 1: HAWAII COUNTY RECORDER'S OFFICE
Source 2: HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: AREA, BDRY, LOT 6-A 1.022 AC
Current Owner: AIRGAS GASPRO INC
Property Identifiers: 3-2-1-007-005-0000
Comments: NA

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: AIRGAS GASPRO INC
Title received from: THE BOC GROUP, INC
Date Executed: 07/30/2004
Date Recorded: 08/17/2004
Book: NA
Page: NA
Volume: NA
Instrument#: 2004-168621
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found
Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AULs: Found Not Found
Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Type of Instrument: ASSIGNMENT AND ASSUMPTION OF LEASE
First Party: THE BOC GROUP, INC
Second Party: AIRGAS GASPRO, INC
Date Executed: 05/24/2005
Date Recorded: 06/15/2005
Instrument #: 3282565
Book: NA
Page: NA
Comments:

DEED EXHIBIT

R-175 STATE OF HAWAII
BUREAU OF CONVEYANCES
AUG 17, 2004 08:01 AM
Doc No(s) 2004-168321



REGULAR SYSTEM
REGISTRATION OF CONVEYANCES
CONVEYANCE TAX: \$750.00

20 1/1 26

LAND COURT SYSTEM

REGULAR SYSTEM

Return by: Mail () Pickup ()

FHTC

ACCOMMODATION RECORDING
NO TITLE LIABILITY

161340

LIMITED WARRANTY DEED

Grantor: THE BOC GROUP, INC., formerly known as Hawaiian Gas Products, Limited

Grantee: Airgas Caspro, Inc., a Delaware corporation

Property Description:

TMK: (Hawaii) 2-1-7-5

This Deed, made this 30th day of July, 2004, by THE BOC GROUP, INC., a Delaware corporation, formerly known as Hawaiian Gas Products, Limited, a Hawaii corporation, hereinafter called the "Grantor", in favor of Airgas Caspro, Inc., a Delaware corporation

whose mailing address is Airgas Caspro, Inc., 2305 Kamehameha Highway, Honolulu, HI 96819, hereinafter called the "Grantee",

WITNESSETH:

That for TEN DOLLARS (\$10.00) and other good and valuable consideration paid by the Grantee to the Grantor, the receipt of which is hereby acknowledged, the Grantor does hereby grant, bargain, sell and convey unto the Grantee, Airgas Caspro, Inc., a Delaware corporation

_____ the following:

All of that certain real property more particularly described in Exhibit "A" attached hereto and made a part hereof.

And the reversions, remainders, rents, issues and profits thereof and all of the estate, right, title and interest of the Grantor, both at law and in equity, therein and thereto;

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights, easements, privileges and appurtenances thereon and thereto belonging or appertaining or held and enjoyed therewith, unto the Grantee according to the tenancy herein set forth, forever.

AND the Grantor hereby covenants and agrees with the Grantee that the Grantor has good right to convey and sell the property herein described and that the Grantor has not heretofore done, committed or willingly suffered to be done or committed any act of thing whatsoever whereby the title and estate

hereby conveyed, or any part thereof, are or shall be charged or encumbered, except as aforesaid.

The conveyance herein set forth and the warranties of the Grantor concerning the same are expressly declared to be in favor of the Grantee, and the Grantee's heirs, personal representatives and assigns.

The terms "Grantor" and "Grantee", as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or plural number, individuals, partnerships, trustees or corporations and their and each of their respective successors, heirs, personal representatives, successors in trust and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the parties hereto, notwithstanding that all of the parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recordation, filing and delivery of this instrument, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

IN WITNESS WHEREOF, the undersigned executed these

presents as of the day and year first above written.

THE BOC GROUP, INC., formerly known as Hawaiian Gas Products, Limited

By [Signature]
Its Vice President, Kevin Baudhain

By _____
Its _____ Grantor

The parties acknowledge that this instrument has been prepared without the benefit of a current title report and preparer does not warrant title. The parties further acknowledge that the preparer makes no representation or advise regarding tax matters concerning this document.

STATE OF New York
COUNTY OF New York) SS

On this 24th day of July, 2004, before me appeared Kevin Baudhain and _____, to me personally known, who, being by me duly sworn, did say that they are the Vice President and _____, respectively, of THE BOC GROUP, INC., a Delaware corporation, formerly known as Hawaiian Gas Products, Limited, a Hawaii corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and said officers acknowledged said instrument to be the free act and deed of said corporation.

ROBERT W. STUDLEY
Notary Public, State of New York
No. 01876068406
Qualified in New York County
Commission Expires September 8, 2007

[Signature]
Notary Public in and for the above named State and County

My commission expires: 09/08/07


Airgas Caspro, Inc.

EXHIBIT "A"


Les Grass, Vice President
Grantee

STATE OF NEW YORK)
COUNTY OF NEW YORK) SS.

On this 30th day of July, 2004, before me personally appeared Les Grass, Vice President, to me known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.


Notary Public in and for the above named State and County

SHARON HWANG
Notary Public, State of New York
No. 027465106147
Qualified in New York County
Commission Expires March 1, 2008

My commission expires: 3/1/08

All of that certain parcel of land (being portion(s) of the land(s) described in and covered by Land Patent Grant Number 7100 to Hilo Rice Mill Company, Limited) situate at Waiakea in the District of South Hilo, Island and County of Hawaii, State of Hawaii, being Lot 6, as shown on Registered Map No. 2539, First Land District, and described as follows:

Beginning at the east corner of this lot and the South corner of Lot 5 on the Northwest side of Kuhiho Wharf Road, the coordinates of said point of beginning referred to Government Survey Triangulation Station "HALA1" being 3,619.56 feet North and 13,794.62 feet East, as shown on Government Survey Reg. Map No. 2539 and running as follows by true azimuths:

1. 64° 25' 48" 132.35 feet along the Northwest side of Kuhiho Wharf Road;
2. 154° 25' 48" 338.30 feet along Road Reserve (70 feet wide);
3. 244° 25' 48" 132.35 feet along Hawaii Consolidated Railway, Ltd.'s right of way;
4. 334° 25' 48" 338.30 feet along Lot 5 to the point of beginning and containing an area of 1.028 acres, more or less.

BEING all of the land conveyed by deed dated June 9, 1944, recorded in the Bureau of Conveyances of the State of Hawaii in Liber 1826, Page 341.

SUBJECT, HOWEVER, to the following:

1. Reservation in favor of the State of Hawaii of all mineral and metallic mines.
2. Any unrecorded leases, subleases, and/or tenancy agreements demising a portion of the land herein described and any encumbrances affecting the same.
3. Any lien, or right to a lien, for service, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.



L-563 STATE OF HAWAII
OFFICE OF ASSISTANT REGISTRAR
RECORDED
JUN 15, 2005 08:01 AM
Doc No(s) 3282565 Thru 3282566
on Cert(s) 600,180



20 1/8 ZS

/s/ CARL T. WATANABE
ASSISTANT REGISTRAR
CONVEYANCE TAX: \$0.00

LAND COURT

REGULAR SYSTEM

Return By Mail Pick-Up To:

CARLSMITH BALL LLP
Kapolei Building, Suite 318
1001 Kaimokila Boulevard
Kapolei, Hawaii 96707
Attention: Mark K. Murakami
Telephone: 808-523-2561

L-1

TL Radnor 471772-S

TITLE OF DOCUMENT:

CONFIRMATION ASSIGNMENT AND ASSUMPTION OF LEASE
(LEASE NO. L00091500)

PARTIES TO DOCUMENT:

ASSIGNOR: THE BOC GROUP, INC., a Delaware corporation

ASSIGNEE: AIRGAS GASPRO, INC., a Delaware corporation
Suite 100, Radnor Court, 259 N. Radnor-Chester Road, Radnor, PA
19087

TAX MAP KEY(S): (Oahu) 9-1-028-021(poor)
Certificate of Title No. 600,180

(This document consists of 6 pages.)

MISCELLANEOUS EXHIBIT

CONFIRMATION ASSIGNMENT AND ASSUMPTION OF LEASE
(LEASE NO. L00091500)

THIS INSTRUMENT is made this 24th day of May, 2005, by and between THE BOC GROUP, INC., a Delaware corporation ("Assignor") whose address is 575 Mountain Avenue, Murray Hill, New Jersey 07974 and AIRGAS GASPRO, INC., a Delaware corporation ("Assignee") whose address is Suite 100, Radnor court, 259 N. Radnor-Chester Road, Radnor, PA 19087.

RECITALS:

WHEREAS, Assignor and Assignee entered into that certain unrecorded Assignment and Assumption of Lease dated as of July 30, 2004, whereunder Assignor assigned to Assignee, and Assignee assumed all of the lessee's obligations under that certain lease dated August 24, 1960 by and between the Trustees under the Will and of the Estate of James Campbell Deceased, as lessors and Gaspro, Ltd., as lessee (Lease No. L00091500) filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii as Document No. 262865 as amended by instrument dated January 9, 1987 filed in the Office of said Assistant Registrar as Document No. 1436098 and by instrument dated November 14, 1994 filed in said Office of the Assistant Registrar as Document No. 2197157, all as noted on Certificate of Title No. 600,180 (collectively the "Lease"), and

WHEREAS, the above referenced assignment and assumption of the Lease was not in recordable form and due to limiting constraints imposed by Assignor and Assignee, Campbell Hawaii Investor LLC as the current lessor under of the Lease, agreed as an accommodation to such parties to consent to such assignment and assumption of the Lease on the condition that post closing, such parties would agree to execute and record in the Office of the Assistant Registrar of the Land Court of the State of Hawaii a confirmation assignment and assumption of the Lease;

NOW THEREFORE, in consideration of the foregoing and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration to Assignor paid by Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee do hereby agree as follows:

1. Confirmation of Assignment and Assumption of Lease. Assignor and Assignee do hereby grant and assign, and: (i) confirm and ratify that certain unrecorded Assignment and Assumption of Lease dated July 30, 1994 by and between The BOC Group, Inc., a Delaware corporation, as Assignor, and Airgas Gaspro, Inc., a Delaware corporation, as assignee, the terms of which are hereby incorporated herein by this reference, and (ii) Assignor does hereby confirm its assignment to Assignee, its successors and assigns, as of July 30, 2004, all of Assignor's right, title and interest in, to and under the Lease, including without limitation any security deposits delivered to the lessor thereunder and subject to the covenants, conditions and provisions contained therein, with Assignee being entitled to all rights, title and interest in, to and under the Lease, including without limitation the rights to exercise any term renewal rights contained therein, to enjoy any holdover status thereunder and to modify and amend the Lease, and (iii) Assignee does hereby assume, as of July 30, 2004, the performance of all of the terms, covenants and conditions of the Lease on the part of the Assignor to be performed from and after July 30, 2004, including Assignor's obligation, if any, to restore the premises demised under the Lease to their original condition upon the expiration or sooner termination of the Lease.

2. Notation of Instrument. This instrument shall be noted on Certificate of Title No. 600,180.

3. No Other Effect. This instrument is executed for the purpose of giving notice of the existence of the unrecorded assignment and assumption of the Lease described above, and to make such assignment and assumption a matter of public record. This instrument shall in no way amend or modify the terms and conditions of, or the interpretation of the rights and duties of Assignor and Assignee under such unrecorded assignment and assumption of the Lease.

4. Counterparts. The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the parties hereto, notwithstanding that all of the parties are not signatory to the original or the same counterparts.

IN WITNESS WHEREOF, Assignor and Assignee have executed this instrument as of the date first above written.

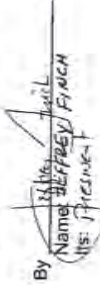
Assignor:

THE BOC GROUP, INC., a Delaware corporation

Assignee:

AIRGAS GASPRO, INC., a Delaware corporation

By _____
Name:
Its:

By 
Name: JEFFREY FINCH
Its: AIRGAS

2. Notation of Instrument. This instrument shall be noted on **Certificate of Title No. 600,180.**

3. No Other Effect. This instrument is executed for the purpose of giving notice of the existence of the unrecorded assignment and assumption of the Lease described above, and to make such assignment and assumption a matter of public record. This instrument shall in no way amend or modify the terms and conditions of, or the interpretation of the rights and duties of Assignor and Assignee under such unrecorded assignment and assumption of the Lease.

4. Counterparts. The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the parties hereto, notwithstanding that all of the parties are not signatory to the original or the same counterparts.

IN WITNESS WHEREOF, Assignor and Assignee have executed this instrument as of the date first above written.

Assignor:
 THE BOC GROUP, INC., a Delaware corporation
 By [Signature]
 Name: Jonathan Swice
 Title: Vice President

Assignee:
 AIRGAS GASPRO, INC., a Delaware corporation
 By _____
 Name: _____
 Title: _____

STATE OF Hawaii
 COUNTY OF Honolulu
 City of Honolulu

ss-

On this 24th day of May, 2005, before me personally appeared Jeffrey Erich, to me personally known, who, being by me duly sworn or affirmed, did say that such person executed the foregoing instrument as the free act and deed of such person, and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

[Signature]
 Name: Suzanne N. Nakamichi
 Notary Public, State of Hawaii
 My commission expires: 12-1-06

STATE OF NEW JERSEY
COUNTY OF UNION

ss.

On this 24th day of May, 2005, before me personally appeared Jonathan Swick, to me known, who, being by me duly sworn or affirmed, did say that such person executed the foregoing instrument as the free act and deed of such person, and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

John V. Crowley
Name: John V. Crowley

Notary Public, State of NEW JERSEY

My commission expires: 1-2-2007

FATIMA V. CROWLEY
NOTARY PUBLIC OF NEW JERSEY
P.O. Commission Expires 01/02/2007

CONSENT

KNOW ALL MEN BY THESE PRESENTS:

CAMPBELL HAWAII INVESTOR LLC, a Hawaii limited liability company (the "Lessor"), in consideration of the sum of One and No/100 Dollars (\$1.00) paid to it, the receipt and sufficiency of which is hereby acknowledged, as successor lessor under the lease described herein, DOES HEREBY CONSENT to the assignment of that certain lease dated August 24, 1960 by and between the Trustees under the Will and of the Estate of James Campbell, Deceased, as lessors and Gaspro, Ltd., as lessee (Lease No. L00091500) filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii as Document No. 262865 as amended by instrument dated January 9, 1987 filed in the Office of said Assistant Registrar as Document No. 1436098 and by instrument dated November 14, 1994 filed in said Office of the Assistant Registrar as Document No. 2197157, all as noted on Certificate of Title No. 600,180 (collectively the "Lease") to AIRGAS GASPRO, INC., a Delaware corporation (the "Assignee") by that certain Confirmation Assignment and Assumption of Lease dated May 24, 2005 by and between THE BOC GROUP, INC., a Delaware corporation ("Assignor") and Assignee, filed in said Office of the Assistant Registrar concurrently herewith; UPON THE EXPRESS CONDITION that: (1) Assignor will remain liable for the performance of each and every one of its obligations under the Lease in the event Assignee shall default in any of its obligations, (2) all of the terms, covenants and conditions to be observed and performed by the lessee under the Lease shall be faithfully observed and performed by the Assignee, (3) this consent will not be deemed a consent to any subsequent assignment of the Lease, but rather any subsequent assignment of the Lease will be subject to the terms and conditions set forth in the Lease, and (4) all rights of the undersigned as lessor under the Lease are hereby expressly reserved.

This instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding the party hereto, notwithstanding that the signatories are not signatory to the original or the same counterparts;

IN WITNESS WHEREOF, the undersigned have executed this instrument as of
May 31, 2005.

STATE OF HAWAII
CITY AND COUNTY OF HONOLULU

} ss,
}

Lessor:

CAMPBELL HAWAII INVESTOR LLC, a
Hawaii limited liability company

By Fort Street Investment Corporation, a
Hawaii corporation, its member manager

By 

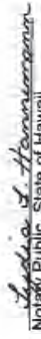
Name: Susan H. Graham
Its: Vice President

By 

Name: Mary C. Emerson
Its: Assistant Secretary/Treasurer

On this 31st day of May, 2005, before me personally
appeared Susan H. Graham and Mary C. Emerson, to me personally known,
who, being by me duly sworn or affirmed, did say that such persons executed the foregoing
instrument as the free act and deed of such persons, and if applicable in the capacity shown,
having been duly authorized to execute such instrument in such capacity.

LS



Notary Public, State of Hawaii
Name: Lydia L. Hammann
My commission expires: Feb. 11, 2008

4

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
595 KALANIANA'OLE ST
HILO, HI 96720

Inquiry Number: 6935350.75
APRIL 18, 2022

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or title documents reviewed.

EDR Environmental Lien and AUL Search

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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6 James Street, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
595 KALANANA'OLE ST
HILO, HI 98720

RESEARCH SOURCE

Source 1: HAWAII COUNTY RECORDERS OFFICE
Source 2: HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: LOT 4 1.028 AC DES FOR LPGR 7102 WAIAKEA WAREHOUSE LOTS
Current Owner: 595K LLC
Property Identifiers: 3-2-1-007-046-0000
Comments: NA

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: 595K LLC
Title received from: M. S. PETROLEUM CORPORATION
Date Executed: 11/25/2019
Date Recorded: 11/29/2019
Book: NA
Page: NA
Volume: NA
Instrument#: A72720403
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found
Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AULs: Found Not Found
Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

STATE OF HAWAII
BUREAU OF CONVEYANCES
RECORDED November 29, 2019 8:01 AM
Doc No: A7272043
CONVEYANCE TAX: \$2,125.00
J&J HSIH I. KIMURA, Registrar
SPC

MISCELLANEOUS

Comments: NONE IDENTIFIED.

LAND COURT

REGULAR SYSTEM

AFTER RECORDATION, RETURN BY: MAIL PICKUP TO:

595K LLC
519 Manono Street
Hilo, HI 96720

FAM 5852208 (KAO)



Total Pages: 4

Tax Map Key: (3) 2-1-007-046

WARRANTY DEED

THIS INSTRUMENT is made as of this 11-25-19 by and between
M. S. PETROLEUM CORPORATION, a Nevada corporation, hereinafter called the "Grantor", and
595K LLC, a Hawaii limited liability company, whose address is 519 Manono Street, Hilo, HI 96720, as
Tenant in Severalty, hereinafter called the "Grantee".

WITNESSETH:

That, for TLV DCL AND (\$10,000) and other valuable consideration paid by the Grantee, the
receipt of which is hereby acknowledged, the Grantor does hereby grant, bargain, sell and convey unto
the Grantee, in fee simple, all that certain real property described in EXHIBIT A attached hereto and
made a part hereof;

And the reversions, remainders, rents, issues and profits thereof and all of the estate, right, title
and interest of the Grantor, both at law and in equity, their and thereto;

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights,
easements, privileges and appurtenances thereto and thereto belonging or appearing or held and
enjoyed therewith, unto the Grantee according to the tenancy herein set forth, forever.

AND, in consideration of the premises, the Grantor does hereby covenant with the Grantee that the Grantor is lawfully seised of the real property herein described in fee simple; that said real property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet levied and required to be paid, and except as set forth herein; that the Grantor has good right to set and convey said real property, as aforesaid; and, that the Grantor will **WARRANT AND DEFEND** the same unto the Grantee against the lawful claims and demands of all persons, except as aforesaid.

The conveyance herein set forth and the warranties of the Grantor concerning the same are expressly declared to be in favor of the Grantee, and the Grantor's heirs, devisees, personal representatives, successors and assigns, according to the context thereof.

The terms "Grantor" and "Grantee", as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or plural number, and each of their respective heirs, devisees, personal representatives, successors and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the parties hereto, notwithstanding all of the parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recording, filing and delivery of this instrument, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK - SIGNATURE(S) ON FOLLOWING PAGE(S);

IN WITNESS WHEREOF, the Grantor has executed this instrument as of the date set forth above.

Grantor:
M. S. PETROLEUM CORPORATION, a Nevada corporation



[Signature]
LORRAINE SHIN
Its: President and Secretary

STATE OF HAWAII)
) ss.
COUNTY OF HAWAII)

On 11-25-19, before me personally appeared LORRAINE SHIN, in me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument identified or described as **WARRANTY DEED**, as the free act and deed of such person(s), and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.

The foregoing instrument dated 11-25-19, contained 4 page(s) at the time of this acknowledgment/ certification, and was executed in the presence of Judicial Officer.

[Signature]
Notary Public Signature
Print Name: Katie E. Jones
Notary Public, State of Hawaii
My commission expires: 9/25/20



EXHIBIT A

ALL OF THAT CERTAIN PARCE OF LAND (PORTION OF THE LAND DESCRIBED IN AND COVERED BY LAND PATENT GRANT NUMBER 2102 TO JOHN T. BAKER) SITUATE, LYING AND BEING AT WAIKAEA, DISTRICT OF SOUTH HULL, ISLAND AND COUNTY OF HAWAII, STATE OF HAWAII, BEING LOT NUMBER 4 OF THE "WAIKAEA WAREHOUSE LOTS", AND THUS BOUNDED AND DESCRIBED:

BEGINNING AT THE EAST CORNER OF THIS LOT AND THE SOUTH CORNER OF LOT 3 ON THE NORTHWEST SIDE OF KUHIO WARE ROAD, THE COORDINATES OF SAID POINT OF BEGINNING REFERRED TO GOVERNMENT SURVEY TRIG. STATION "HALAU" BEING 3733.81 FEET NORTH AND 17,033.39 FEET EAST; AS SHOWN ON GOVERNMENT SURVEY REGISTERED MAP NO. 2333, AND RUNNING BY TRUE AZIMUTHS AS FOLLOWS:

1. 64° 25' 48" 132.33 FEET ALONG THE NORTHWEST SIDE OF KUHIO WHARF ROAD;
2. 154° 25' 48" 338.30 FEET ALONG LOT 5;
3. 244° 25' 48" 132.35 FEET ALONG HAWAII CONSOLIDATED RAILWAY, LTD.'S RIGHT OF WAY;
4. 334° 25' 48" 338.40 FEET ALONG LOT 3 TO THE POINT OF BEGINNING AND CONTAINING AN AREA OF 1.028 ACRES, MORE OR LESS.

BEING A PORTION OF THE PREMISES CONVEYED BY WARRANTY DEED RECORDED JULY 10, 1986 AS BOOK 19657 PAGE 544 OF OFFICIAL RECORDS.
GRANTOR: MILLER PETROLEUM COMPANY, INC., A HAWAII CORPORATION
GRANTEE: M. S. PETROLEUM CORPORATION, A NEVADA CORPORATION

SUBJECT, HOWEVER, to the following:

1. Title to all mineral and metallic mines reserved to the State of Hawaii.

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
HILO, HI 96720

Inquiry Number: 6935350.75
APRIL 18, 2022

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Environmental Lien and AUL Search

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6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com



EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
HILO, HI 96720

RESEARCH SOURCE

Source 1: HAWAII COUNTY RECORDERS OFFICE
Source 2: HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: LOT B 32218 SF DES LPGR 9072, 11472, 11473
Current Owner: SPARKS BOSCHETTI, LLC
Property Identifiers: 3-2-1-009-003-0000
Comments: NA

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: SPARKS BOSCHETTI, LLC
Title received from: SPARKS BOSCHETTI, LLC AND ADAM SPARKS, TRUSTEE OF THE ADAM SPARKS REVOCABLE TRUST
Date Executed: 06/10/2020
Date Recorded: 06/10/2020
Book: NA
Page: NA
Volume: NA
Instrument#: A-74660336
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found
Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AULs: Found Not Found
Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Type of Instrument: UNRECORDED LEASE
First Party: AGRIBUSINESS CO, INC.(ASSIGNED TO SPARKS BOSCHETTI, LLC) - LANDLORD
Second Party: BREWER ENVIRONMENTAL INDUSTRIES, LLC - LESSEE
Date Executed: 07/01/2002
Date Recorded: NA
Instrument #: NA
Book: NA
Page: NA
Comments: SAID LEASE IS UNRECORDED, NO IMAGE WAS AVAILABLE.

STATE OF HAWAII
BUREAU OF CONVEYANCES
RECORDED

June 10, 2020 8:01 AM

Doc No(s) A-74660336



LESLIE T. KOBATA
REGISTRAR

Conveyance Tax: \$3,065.00

9/8 C05

B-33820756

REGULAR SYSTEM

LAND COURT SYSTEM

AFTER RECORDATION, RETURN BY MAIL (X) PICKUP ()

Sparks & Boschetti, LLC
955 Prague St.
San Francisco, CA 94112



Total Pages: 10

Tax Map Key Nos. (3) 2-1-009-003 and 004

WARRANTY DEED

THIS WARRANTY DEED, made this 10th day of June, 2020, by SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, of San Francisco, CA, and ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019, having all powers under said trust agreement, including full powers to sell, convey, exchange, mortgage, lease, assign or otherwise deal with and dispose of all lands of the trust estate and interests therein, of Miami Beach, Florida (collectively, "Grantor"), in favor of SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, whose post office address is 955 Prague St., San Francisco, CA 94112 ("Grantee");

WITNESSETH:

That for TEN AND NO/100 DOLLARS (\$10.00) and other valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, the Grantor does hereby grant, bargain, sell and convey unto the Grantee, its successors and assigns, in fee simple:

All of that certain real property described in Exhibit "A" attached hereto and made a part hereof, subject to the encumbrances and other matters noted herein (if any).

AND the reversions, remainders, rents, issues and profits thereof and all of the estate, right, title and interest of the Grantor, both at law and in equity, therein and thereto;

THE GRAD LAW FIRM
ESCROW@GRADLAW.COM
P. (808) 521-4757 F. (808) 533-0327
G:\CONVLS MAY\ORTE- SPARKS & BOSCHETTI, LLC SPARKS TRUST-SPARKS & BOSCHETTI, LLC WARRANTY DEED REV1.docx

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights, easements, privileges and appurtenances thereon and thereto belonging or appertaining or held and enjoyed therewith, unto the Grantee according to the tenancy set forth herein, forever.

AND, in consideration of the premises, the Grantor does hereby covenant with the Grantee that the Grantor is seized of the property described herein in fee simple; that said property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet by law required to be paid, and except as may be specifically set forth herein; that the Grantor has good right to sell and convey said property, as aforesaid; and, that the Grantor will WARRANT AND DEFEND the same unto the Grantee against the lawful claims and demands of all persons, except as aforesaid.

The rights and obligations of the Grantor and the Grantee shall be binding upon and inure to the benefit of their respective heirs, devisees, personal representatives, successors and assigns.

This conveyance and the warranties of the Grantor are expressly declared to be in favor of the Grantee, and the Grantee's heirs, devisees, personal representatives, successors and assigns.

The terms "Grantor" and "Grantee", as and when used herein, or any pronouns used in place of those terms, shall mean and include the masculine, feminine or neuter, the singular or plural number, individuals, partnerships, trustees or corporations and their and each of their respective successors, heirs, personal representatives, and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

Each of the parties to this document may execute different and separate copies of this document ("counterparts"), each of which when so executed shall be deemed to be an original, and all of which taken together will constitute one and the same document. The document assembled in this manner will be binding upon all of the parties, even though all of them have not signed the same original or counterparts. For all purposes, including, without limitation, recordation, filing and delivery of this document, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

COUNTERPART TO BE SIGNED BY GRANTOR and GRANTEE SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, and GRANTOR ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019.

IN WITNESS WHEREOF, the undersigned has executed these presents as of the day and year first above written.

SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company



By ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019
Its Member

"Grantor"/"Grantee"



ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019

"Grantor"

STATE OF FLORIDA

COUNTY OF Dade

On this 29 day of May, 2020, before me personally appeared ADAM SPARKS, to me personally known or adequately proven to be the person(s) described in and who executed the foregoing instrument, who, being by me duly sworn or affirmed, did say that such person(s) executed the same as the free act and deed of such person(s), and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.



Notary Public, State of Florida

Oscar Rivera
(Printed name)

My commission expires: 8/9/21

COUNTERPART TO BE SIGNED BY GRANTOR and GRANTEE SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company:

IN WITNESS WHEREOF, the undersigned has executed these presents as of the day and year first above written.

SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company

BY [Signature]
GIAMPAOLO BOSCHETTI aka
G. PAUL BOSCHETTI
Its Member

"Grantor"/"Grantee"

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN FRANCISCO)

On this 15th day of JUNE, 2020, before me, RAYMOND MAGTIBAY, Notary Public, personally appeared GIAMPAOLO BOSCHETTI aka G. PAUL BOSCHETTI, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal



Raymond Magtibay
Notary Public, State of California
RAYMOND MAGTIBAY
(Printed name)

My commission expires: 8-3-2023

EXHIBIT "A"

-PARCEL FIRST:- (Tax Map Key No. (3) 2-1-009-003)

All that parcel of land (being portion(s) of the land(s) described in covered and covered by Land Patent Number 9072 to Pacific Guano and Fertilizer Company, Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company, and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company) situate, lying and being at Waiakea, District of South Hilo, Island and County of Hawaii, State of Hawaii, being LOT "B", and thus bounded and described:

Beginning at a point at the Northwest corner of this parcel of land, being also the Northeast corner of Lot A, being portions of Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company, and on the Southerly side of Governor's Executive Order No. 1028 (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor, the coordinates of said point of beginning referred to Government Survey Triangulation Station "Halai" being 4666.37 feet North and 15300.54 feet East and running by azimuths measured clockwise from true South:

1. 252° 20' 20" 171.02 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor;
2. 244° 25' 48" 1.29 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor; thence along a curve to the right, having a radius of 30.69 feet along the Governor's Executive Order No. 1193, the chord azimuth and distance being:
3. 306° 10' 10" 49.55 feet;
4. 0° 00" 141.87 feet along the Governor's Executive Order No. 1193;
5. 72° 20' 20" 158.50 feet along Lot A;
6. 162° 20' 20" 175.00 feet along Lot A to the point of beginning, and containing an area of 32,218 square feet, more or less.

Together with an easement for ingress and egress to and from Kalamianable Street, over and across LOT "A", being more particularly described as follows:

EASEMENT
Within Lot A
Grant 9072 to Pacific Guano Fertilizer Co. and
Grant 11473 Pacific Chemical and Fertilizer Co.
Waiakea, South Hilo, Hawaii

Beginning at a point at the southwest corner of this parcel of land and on the Northwesterly side of Kalanianaʻole Street, the coordinates of said point of beginning referred to Government Survey Triangulation Station "HALAI" being 4,378.14 feet North and 15,384.01 feet East and running by azimuths measured clockwise from true South:

1. 153° 54' 146.00 feet;
2. 252° 20' 20" 29.33 feet;
3. 342° 20' 20" 19.46 feet along Lot B;
4. 252° 20' 20" 37.00 feet along Lot B;
5. 342° 20' 20" 29.00 feet;
6. 63° 54' 28.50 feet;
7. 333° 54' 88.34 feet to a point at the Northerly side of Kalanianaʻole Street;
8. 63° 54' 30.00 feet to a point at the Northerly side of Kalanianaʻole Street to the point of beginning and containing an area of 5,224 square feet more or less.

-PARCEL SECOND-: [Tax Map Key No. (3) 2-1-009-004]

All that parcel of land (being portion(s) of the land(s) described in covered and covered by Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company) situate, lying and being at Waiakoa, District of South Hilo, Island and County of Hawaii, State of Hawaii, being LOT "A", and thus bounded and described:

Beginning at a point at the Northeast corner of this parcel of land, being also the Northwest corner of Lot B, being portions of Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company, Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company, and on the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor, the coordinates of said point of beginning referred to Government Survey Triangulation Station "Halai" being 4666.37 feet North and 15300.54 feet East and running by azimuths measured clockwise from true South:

1. 342° 20' 20" 175.00 feet along Lot B;
2. 252° 20' 20" 158.50 feet along Lot B;
3. 0° 00' 85.20 feet along Governor's Executive Order 1193; thence along curve to the right having a radius of 104.00 feet, along Parcel 1, portion of Lot A, portion of Land Patent

Grant Number 9072 to Pacific Guano and Fertilizer Co. and portion of Land Patent Number 11,473 to Pacific Chemical and Fertilizer Co., the chord azimuth and distance being:

4. 44° 36' 57" 68.69 feet;
5. 63° 54' 794.96 feet along the Northerly side of Kalanianaʻole Street;
6. 118° 03' 42.90 feet along TMK: 2-1-009-037 (County of Hawaii, Owner);
7. 180° 00' 324.49 feet along TMK: 2-1-009-031 (County of Hawaii, Owner);
8. 244° 25' 48" 471.63 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor;
9. 252° 20' 20" 178.87 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor to the point of beginning and containing an area of 5,555.55 acres, more or less.

Being all the property conveyed to Grantor by the following:

1. SPECIAL WARRANTY DEED recorded October 7, 2003 in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-217108, as corrected.

2. QUITCLAIM DEED dated March 23, 2020, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. Doc A - 74660235

SUBJECT, HOWEVER, to the following:

June 10, 2020 10:01 AM

1. Mineral and water rights of any nature in favor of the State of Hawaii
2. -AS TO PARCEL SECOND (LOT A):-

Easement "A", containing an area of 5,224 square feet, more or less, for ingress and egress, as shown on survey and plan prepared by John N. Smith, Registered Professional Land Surveyor, dated August 24, 1964, and also shown on Tax Map for TMK (3) 2-1-009-004.

3. UNRECORDED LEASE OF STEVEDORING REPAIR SHOP between MALUNA KEA AGRIBUSINESS CO., INC, as Landlord, and BREWER ENVIRONMENTAL INDUSTRIES, LLC, as Lessee, dated July 1, 2002, for the term commencing July 1, 2002, and ending June 30, 2022.

The terms, covenants and conditions of the lease or leases described or referred to herein and the effect of any failure to comply therewith.

Note that all right, title and interest of "Landlord" under said lease was assigned to SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company.

4. Mortgage to secure an indebtedness of the amount stated below and any other amounts payable under the terms thereof, with power of sale and assignment of rents in favor of CITY BANK, a Hawaii corporation, dated December 23, 2003, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-289527.

By Articles of Merger filed with the Department of Commerce and Consumer Affairs, State of Hawaii on May 3, 2005, the above Mortgagee merged with CENTRAL PACIFIC BANK, a Hawaii corporation.

ASSIGNMENT OF LESSOR'S INTEREST IN LEASES AND RENTS dated December 23, 2003, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-289528.

5. ASSIGNMENT OF LESSOR'S INTEREST IN LEASES dated March 1, 2006, recorded March 9, 2006 in the Bureau of Conveyances, State of Hawaii, as Document No. 2006-044956.

6. Financing Statement (UCC-1) between SPARKS & BOSCHETTI, LLC, as Debtor, and CENTRAL PACIFIC BANK, as Secured Party, recorded March 9, 2006 in the Bureau of Conveyances, State of Hawaii, as Document No. 2006-044957.

Note that with reference to Financing Statement (UCC-1) shown above as Document No. 2006-044957, a Financing Statement Change (UCC-2) was recorded March 4, 2011 in the Bureau of Conveyances, State of Hawaii as Document No. 2011-038264 which, among other things, provides Continuation.

Note that with reference to Financing Statement (UCC-1) shown above as Document No. 2006-044957, a Financing Statement Change (UCC-2) was recorded January 26, 2016 in the Bureau of Conveyances, State of Hawaii as Document No. A-58690673 which, among other things, provides Continuation.

7. The following affects an unrecorded Lease interest:

A. Terms and provisions as contained in the SECURITY ASSIGNMENT OF CONTRACTS, PROCEEDS, AND INTERESTS AGREEMENT executed by CONEN NAKAMURA, as Assignor, and FIRST HAWAIIAN BANK, a Hawaii corporation, as Assignee, dated August 13, 2014, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. A-53450063.

B. Financing Statement (UCC-1) by NAKAMURA, CONEN, as Debtor, and FIRST HAWAIIAN BANK, as Secured Party, recorded August 20, 2014 in the Bureau of Conveyances, State of Hawaii, as Document No. A-53450064.

TOGETHER WITH all built-in furniture, attached existing fixtures, built-in appliances, electrical, gas and plumbing fixtures/systems; attached carpeting, all of the foregoing being situate in or used in connection with the above-described real property.

END OF EXHIBIT "A"

HILO HARBOR INDUSTRIAL LOTS PHASE I ESA
60 KUHIO ST
HILO, HI 96720

Inquiry Number: 6935350.75
APRIL 18, 2022

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or title documents reviewed.

EDR Environmental Lien and AUL Search

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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6 James River Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

HILO HARBOR INDUSTRIAL LOTS PHASE IESA
60 KUHIO ST
HILO, HI 98720

RESEARCH SOURCE

Source 1: HAWAII COUNTY RECORDERS OFFICE
Source 2: HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: AS RECORDED IN THE DEED ATTACHED.
Current Owner: SPARKS BOSCHETTI, LLC
Property Identifiers: 3-2-1-008-004-0000
Comments: NA

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: SPARKS BOSCHETTI, LLC
Title received from: SPARKS BOSCHETTI, LLC AND ADAM SPARKS, TRUSTEE OF THE ADAM SPARKS REVOCABLE TRUST
Date Executed: 06/10/2020
Date Recorded: 06/10/2020
Book: NA
Page: NA
Volume: NA
Instrument#: A-74660336
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found
Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AULs: Found Not Found
Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

UNRECORDED LEASE
AGRI BUSINESS CO, INC (ASSIGNED TO SPARKS BOSCHETTI, LLC) - LANDLORD
BREWER ENVIRONMENTAL INDUSTRIES, LLC - LESSEE
07/01/2002
NA
NA
NA
NA
NA
SAD LEASE IS UNRECORDED, NO IMAGE WAS AVAILABLE.

STATE OF HAWAII
BUREAU OF CONVEYANCES
RECORDED
June 10, 2020 8:01 AM
Doc No(s) A-74660336



LESLIE T. KOBATA
REGISTRAR

Conveyance Tax: \$3,065.00

9/8 C06
B-33820756

REGULAR SYSTEM

LAND COURT SYSTEM

AFTER RECORDATION, RETURN BY MAIL PICKUP ()

Sparks & Boschetti, LLC
955 Prayue St.
San Francisco, CA 94112



62841002185-CE

Total Pages: 10

Tax Map Key Nos. (3) 2-1-009-003 and 004

WARRANTY DEED

THIS WARRANTY DEED, made this 10TH day of JUNE, 2020, by SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, of San Francisco, CA, and ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019, having all powers under said trust agreement, including full powers to sell, convey, exchange, mortgage, lease, assign or otherwise deal with and dispose of all lands of the trust estate and interests therein, of Miami Beach, Florida (collectively, "Grantor"), in favor of SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, whose post office address is 955 Prayue St., San Francisco, CA 94112 ("Grantee");

WITNESSETH:

That for TEN AND NO/100 DOLLARS (\$10.00) and other valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, the Grantor does hereby grant, bargain, sell and convey unto the Grantee, its successors and assigns, in fee simple:

All of that certain real property described in Exhibit "A" attached hereto and made a part hereof, subject to the encumbrances and other matters noted herein (if any).

AND the reversions, remainders, rents, issues and profits thereof and all of the estate, right, title and interest of the Grantor, both at law and in equity, therein and thereto;

THE GRAD LAW FIRM
ESCROW@GRADLAW.COM
P. (808) 521-4757 F. (808) 533-0327
G:\CONV\5 MAY\ORIG- SPARKS & BOSCHETTI, LLC SPARKS TRUST-SPARKS & BOSCHETTI, LLC WARRANTY DEED REV1.docx

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights, easements, privileges and appurtenances thereon and thereto belonging or appertaining or held and enjoyed therewith, unto the Grantee according to the tenancy set forth herein, forever.

AND, in consideration of the premises, the Grantor does hereby covenant with the Grantee that the Grantor is seized of the property described herein in fee simple; that said property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet by law required to be paid, and except as may be specifically set forth herein; that the Grantor has good right to sell and convey said property, as aforesaid; and, that the Grantor will WARRANT AND DEFEND the same unto the Grantee against the lawful claims and demands of all persons, except as aforesaid.

The rights and obligations of the Grantor and the Grantee shall be binding upon and inure to the benefit of their respective heirs, devisees, personal representatives, successors and assigns.

This conveyance and the warranties of the Grantor are expressly declared to be in favor of the Grantee, and the Grantee's heirs, devisees, personal representatives, successors and assigns.

The terms "Grantor" and "Grantee", as and when used herein, or any pronouns used in place of those terms, shall mean and include the masculine, feminine or neuter, the singular or plural number, individuals, partnerships, trustees or corporations and their and each of their respective successors, heirs, personal representatives, and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

Each of the parties to this document may execute different and separate copies of this document ("counterparts"), each of which when so executed shall be deemed to be an original, and all of which taken together will constitute one and the same document. The document assembled in this manner will be binding upon all of the parties, even though all of them have not signed the same original or counterparts. For all purposes, including, without limitation, recordation, filing and delivery of this document, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

COUNTERPART TO BE SIGNED BY GRANTOR and GRANTEE SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company, and GRANTOR ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019.

IN WITNESS WHEREOF, the undersigned has executed these presents as of the day and year first above written.

SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company



By ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019
Its Member

"Grantor"/"Grantee"



ADAM SPARKS, Trustee of The Adam Sparks' Revocable Trust dated April 26th, 2019

"Grantor"

STATE OF FLORIDA)
) S.S.)

COUNTY OF Dade

On this 29 day of May, 2020, before me personally appeared ADAM SPARKS, to me personally known or adequately proven to be the person(s) described in and who executed the foregoing instrument, who, being by me duly sworn or affirmed, did say that such person(s) executed the same as the free act and deed of such person(s), and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.



Notary Public, State of Florida

Oscar Rivera
(Printed name)

My commission expires: 8/9/21

COUNTERPART TO BE SIGNED BY GRANTOR and GRANTEE SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company:

IN WITNESS WHEREOF, the undersigned has executed these presents as of the day and year first above written.

SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company

BY [Signature]
GIAMPAOLO BOSCHETTI aka
G. PAUL BOSCHETTI
Its Member

"Grantor"/"Grantee"

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN FRANCISCO)

On this 15th day of JUNE, 2020, before me, RAYMOND MAGTIBAY, Notary Public, personally appeared GIAMPAOLO BOSCHETTI aka G. PAUL BOSCHETTI, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal



Raymond Magtibay
Notary Public, State of California
RAYMOND MAGTIBAY
(Printed name)

My commission expires: 8-3-2023

EXHIBIT "A"

-PARCEL FIRST- (Tax Map Key No. (3) 2-1-009-003)

All that parcel of land (being portion(s) of the land(s) described in covered and covered by Land Patent Number 9072 to Pacific Guano and Fertilizer Company, Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company, and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company) situate, lying and being at Waiakea, District of South Hilo, Island and County of Hawaii, State of Hawaii, being LOT "B", and thus bounded and described:

Beginning at a point at the Northwest corner of this parcel of land, being also the Northeast corner of Lot A, being portions of Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company, and on the Southerly side of Governor's Executive Order No. 1028 (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor, the coordinates of said point of beginning referred to Government Survey Triangulation Station "Halai" being 4666.37 feet North and 15300.54 feet East and running by azimuths measured clockwise from true South:

1. 252° 20' 20" 171.02 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor;
2. 244° 25' 48" 1.29 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor; thence along a curve to the right, having a radius of 30.69 feet along the Governor's Executive Order No. 1193, the chord azimuth and distance being: 306° 10' 10" 49.55 feet;
4. 0° 00" 141.87 feet along the Governor's Executive Order No. 1193;
5. 72° 20' 20" 158.50 feet along Lot A;
6. 162° 20' 20" 175.00 feet along Lot A to the point of beginning, and containing an area of 32,218 square feet, more or less.

Together with an easement for ingress and egress to and from Kalamianable Street, over and across LOT "A", being more particularly described as follows:

EASEMENT
Within Lot A
Grant 9072 to Pacific Guano Fertilizer Co. and
Grant 11473 Pacific Chemical and Fertilizer Co.
Waiakea, South Hilo, Hawaii

Beginning at a point at the southwest corner of this parcel of land and on the Northwesterly side of Kalanianaʻole Street, the coordinates of said point of beginning referred to Government Survey Triangulation Station "HALAI" being 4,378.14 feet North and 15,384.01 feet East and running by azimuths measured clockwise from true South:

1. 153° 54' 146.00 feet;
2. 252° 20' 20" 29.33 feet;
3. 342° 20' 20" 19.46 feet along Lot B;
4. 252° 20' 20" 37.00 feet along Lot B;
5. 342° 20' 20" 29.00 feet;
6. 63° 54' 28.50 feet;
7. 333° 54' 88.34 feet to a point at the Northerly side of Kalanianaʻole Street;
8. 63° 54' 30.00 feet to a point at the Northerly side of Kalanianaʻole Street to the point of beginning and containing an area of 5,224 square feet more or less.

-PARCEL SECOND:- [Tax Map Key No. (3) 2-1-009-004]

All that parcel of land (being portion(s) of the land(s) described in covered and covered by Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company) situate, lying and being at Waiakea, District of South Hilo, Island and County of Hawaii, State of Hawaii, being LOT "A", and thus bounded and described:

Beginning at a point at the Northeast corner of this parcel of land, being also the Northwest corner of Lot B, being portions of Land Patent Grant Number 9072 to Pacific Guano and Fertilizer Company, Land Patent Number 11,472 to Pacific Chemical and Fertilizer Company and Land Patent Number 11,473 to Pacific Chemical and Fertilizer Company, and on the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor, the coordinates of said point of beginning referred to Government Survey Triangulation Station "Halai" being 4666.37 feet North and 15300.54 feet East and running by azimuths measured clockwise from true South:

1. 342° 20' 20" 175.00 feet along Lot B;
2. 252° 20' 20" 158.50 feet along Lot B;
3. 0° 00' 85.20 feet along Governor's Executive Order 1193; thence along curve to the right having a radius of 104.00 feet, along Parcel 1, portion of Lot A, portion of Land Patent

Grant Number 9072 to Pacific Guano and Fertilizer Co. and portion of Land Patent Number 11,473 to Pacific Chemical and Fertilizer Co., the chord azimuth and distance being:

4. 44° 36' 57" 68.69 feet;
5. 63° 54' 794.96 feet along the Northerly side of Kalanianaʻole Street;
6. 118° 03' 42.90 feet along TMK: 2-1-009-037 (County of Hawaii, Owner);
7. 180° 00' 324.49 feet along TMK: 2-1-009-031 (County of Hawaii, Owner);
8. 244° 25' 48" 471.63 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor;
9. 252° 20' 20" 178.87 feet along the Southerly side of Governor's Executive Order No. 1028, (Kuhio Wharf) Pier 1, Pier 2 and Pier 3, Hilo Harbor to the point of beginning and containing an area of 5,555.55 acres, more or less.

Being all the property conveyed to Grantor by the following:

1. SPECIAL WARRANTY DEED recorded October 7, 2003 in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-217108, as corrected.

2. QUITCLAIM DEED dated March 23, 2020, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. One A - 74660235

SUBJECT, HOWEVER, to the following:

June 10, 2020 10:01 AM

1. Mineral and water rights of any nature in favor of the State of Hawaii
2. -AS TO PARCEL SECOND (LOT A):-

Easement "A", containing an area of 5,224 square feet, more or less, for ingress and egress, as shown on survey and plan prepared by John N. Smith, Registered Professional Land Surveyor, dated August 24, 1964, and also shown on Tax Map for TMK (3) 2-1-009-004.

3. UNRECORDED LEASE OF STEVEDORING REPAIR SHOP between MALUNA KEA AGRIBUSINESS CO., INC, as Landlord, and BREWER ENVIRONMENTAL INDUSTRIES, LLC, as Lessee, dated July 1, 2002, for the term commencing July 1, 2002, and ending June 30, 2022.

The terms, covenants and conditions of the lease or leases described or referred to herein and the effect of any failure to comply therewith.

Note that all right, title and interest of "Landlord" under said lease was assigned to SPARKS & BOSCHETTI, LLC, a Hawaii limited liability company.

4. Mortgage to secure an indebtedness of the amount stated below and any other amounts payable under the terms thereof, with power of sale and assignment of rents in favor of CITY BANK, a Hawaii corporation, dated December 23, 2003, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-289527.

By Articles of Merger filed with the Department of Commerce and Consumer Affairs, State of Hawaii on May 3, 2005, the above Mortgagee merged with CENTRAL PACIFIC BANK, a Hawaii corporation.

ASSIGNMENT OF LESSOR'S INTEREST IN LEASES AND RENTS dated December 23, 2003, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. 2003-289528.

5. ASSIGNMENT OF LESSOR'S INTEREST IN LEASES dated March 1, 2006, recorded March 9, 2006 in the Bureau of Conveyances, State of Hawaii, as Document No. 2006-044956.

6. Financing Statement (UCC-1) between SPARKS & BOSCHETTI, LLC, as Debtor, and CENTRAL PACIFIC BANK, as Secured Party, recorded March 9, 2006 in the Bureau of Conveyances, State of Hawaii, as Document No. 2006-044957.

Note that with reference to Financing Statement (UCC-1) shown above as Document No. 2006-044957, a Financing Statement Change (UCC-2) was recorded March 4, 2011 in the Bureau of Conveyances, State of Hawaii as Document No. 2011-038264 which, among other things, provides Continuation.

Note that with reference to Financing Statement (UCC-1) shown above as Document No. 2006-044957, a Financing Statement Change (UCC-2) was recorded January 26, 2016 in the Bureau of Conveyances, State of Hawaii as Document No. A-58690673 which, among other things, provides Continuation.

7. The following affects an unrecorded Lease interest:

A. Terms and provisions as contained in the SECURITY ASSIGNMENT OF CONTRACTS, PROCEEDS, AND INTERESTS AGREEMENT executed by CONEN NAKAMURA, as Assignor, and FIRST HAWAIIAN BANK, a Hawaii corporation, as Assignee, dated August 13, 2014, recorded in the Bureau of Conveyances, State of Hawaii, as Document No. A-53450063.

B. Financing Statement (UCC-1) by NAKAMURA, CONEN, as Debtor, and FIRST HAWAIIAN BANK, as Secured Party, recorded August 20, 2014 in the Bureau of Conveyances, State of Hawaii, as Document No. A-53450064.

TOGETHER WITH all built-in furniture, attached existing fixtures, built-in appliances, electrical, gas and plumbing fixtures/systems; attached carpeting, all of the foregoing being situate in or used in connection with the above-described real property.

END OF EXHIBIT "A"

The EDR Property Tax Report

Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.6
April 11, 2022

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of a available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

The EDR Property Tax Map Report

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

 Environmental Data Resources Inc

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The EDR Aerial Photo Decade Package

Hilo Harbor Industrial Lots Phase I ESA
 Multiple Properties
 HILO, HI 96720

Inquiry Number: 6935350.11
 April 11, 2022

04/11/22	
EDR Aerial Photo Decade Package	
Site Name:	Client Name:
Hilo Harbor Industrial Lots Phase I Multiple Properties HILO, HI 96720 EDR Inquiry # 6935350.11	Element Environmental, LLC 98-030 Hekaha Street Aiea, HI 96701-0000 Contact: Angie Peltier



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
1988	1"=500'	Flight Date: October 01, 1988	USGS
1977	1"=500'	Flight Date: January 03, 1977	USGS
1975	1"=500'	Flight Date: July 17, 1975	USGS
1954	1"=500'	Flight Date: April 10, 1954	USGS

The EDR Aerial Photo Decade Package



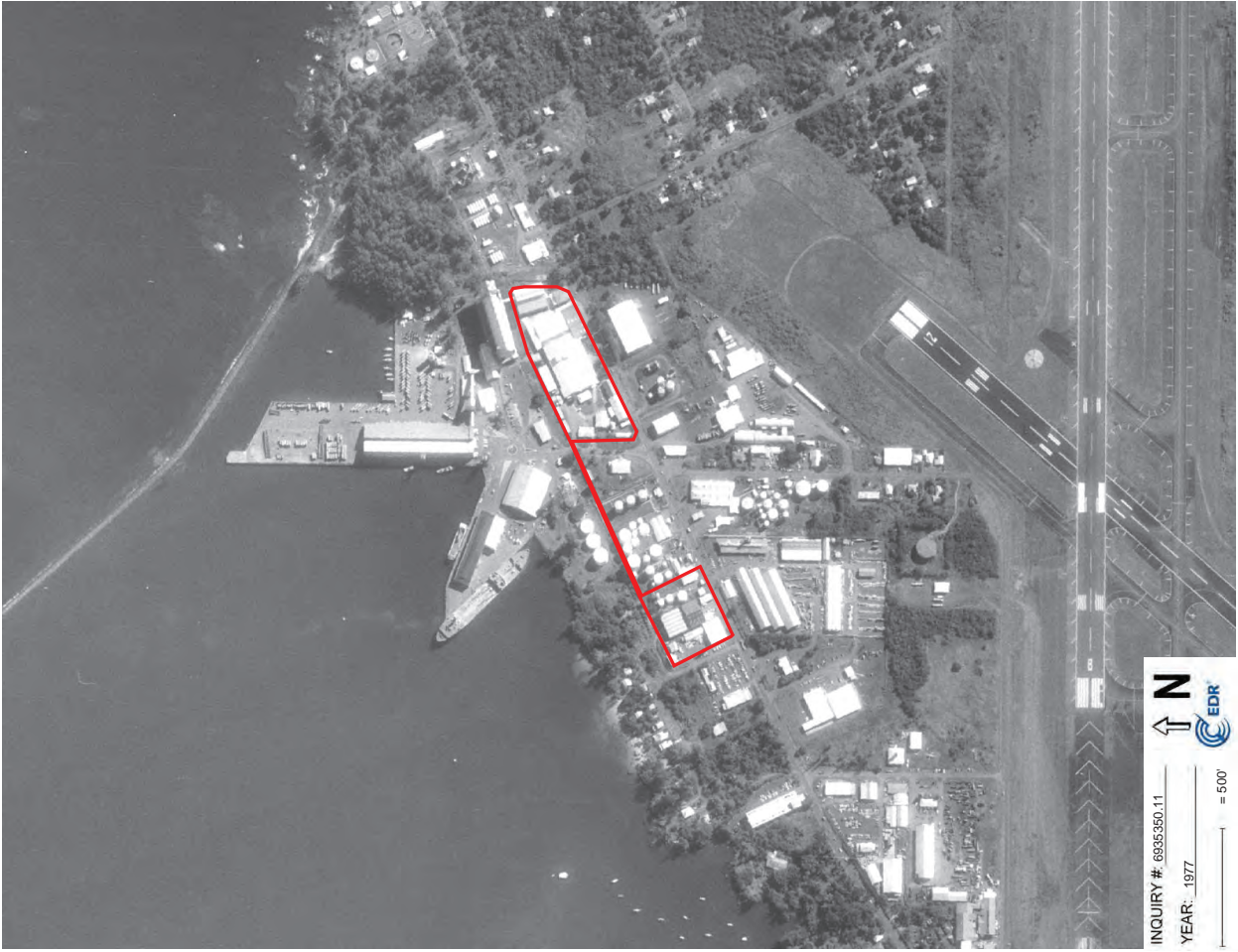
6 Armstrong Road, 4th floor
 Shelton, CT 06484
 Toll Free: 800.352.0050
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EDR Certified Sanborn Map Report

Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.3
April 13, 2022

Certified Sanborn® Map Report


Certified Sanborn® Map Report		04/13/22
Site Name:	Client Name:	
Hilo Harbor Industrial Lots Pha: Multiple Properties HILO, HI 96720 EDR Inquiry # 6935350.3	Element Environmental , LLC 98-030 Hekaha Street Aiea, HI 96701-0000 Contact: Angie Peltier	

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification #	E0FD-4822-A505
PO #	210042
Project	210042 Hilo Harbor Industrial
Maps Provided:	
1991	
1987	
1978	
1974	
1957	



Sanborn® Library search results
Certification #: E0FD-4822-A505

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets



Volume 1, Sheet 34
1991

1987 Source Sheets



Volume 1, Sheet 34
1987

1978 Source Sheets



Volume 1, Sheet 34
1978

1974 Source Sheets



Volume 1, Sheet 34
1974



Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1957 Source Sheets

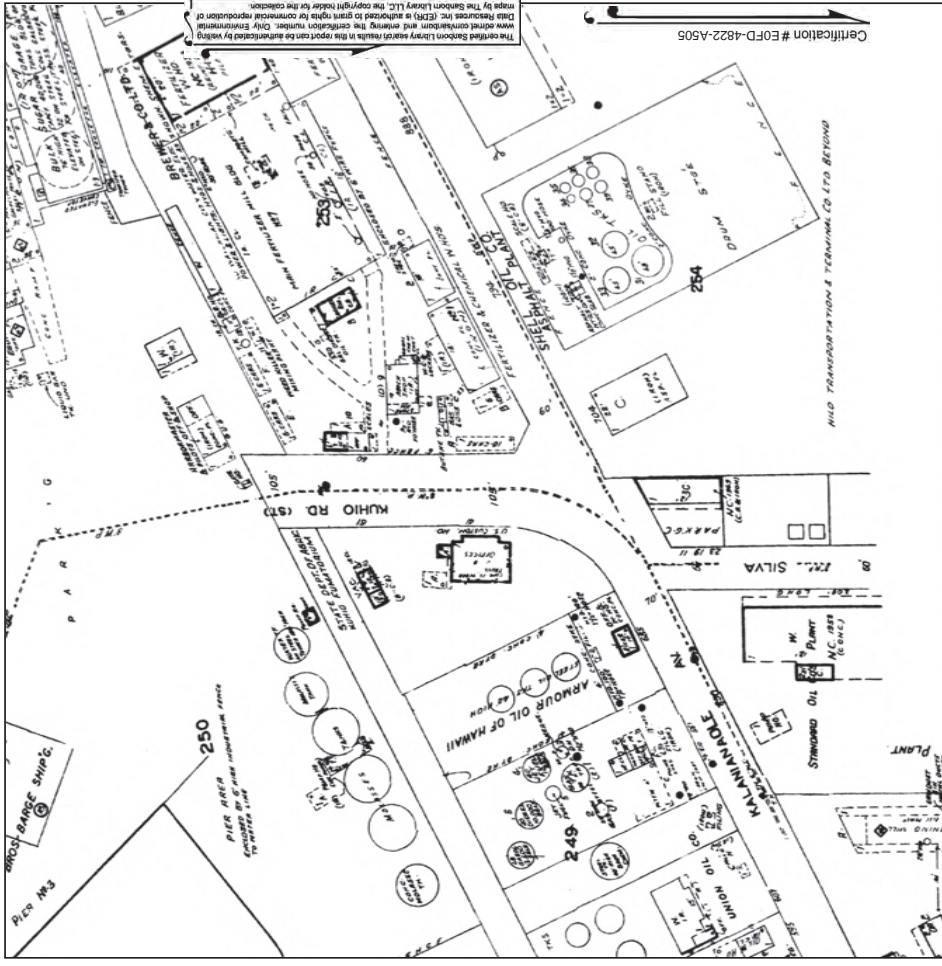


Volume 1, Sheet 34
1957



Certified Sanborn® Map

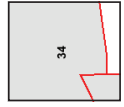
1987



Site Name: Hilo Harbor Industrial Loop Phase I E&A
 Address: Multiple Properties
 City, ST, ZIP: HILO, HI 96720
 Date: Eminent Environmental, LLC
 EDR Number: 6835550.3
 Certification: EDP-4822-A505
 Copyright: 1987



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

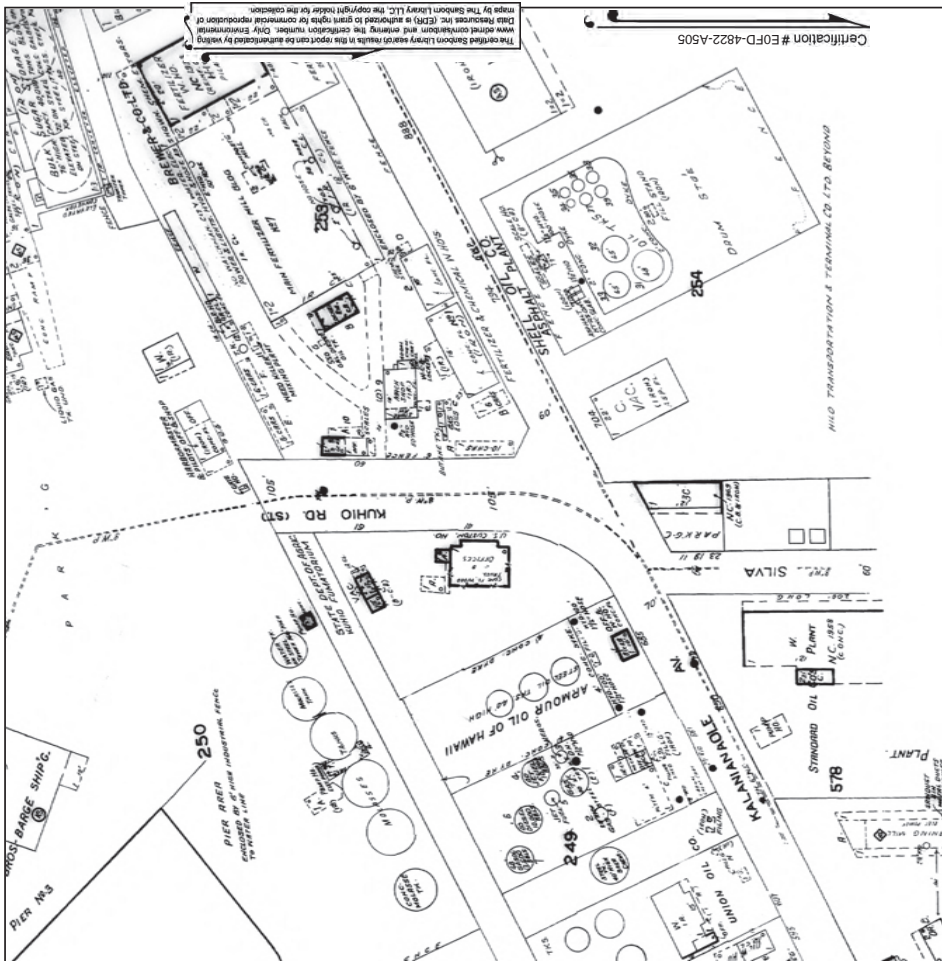


Volume 1, Sheet 34



Certified Sanborn® Map

1991



Site Name: Hilo Harbor Industrial Loop Phase I E&A
 Address: Multiple Properties
 City, ST, ZIP: HILO, HI 96720
 Date: Eminent Environmental, LLC
 EDR Number: 6835550.3
 Certification: EDP-4822-A505
 Copyright: 1991



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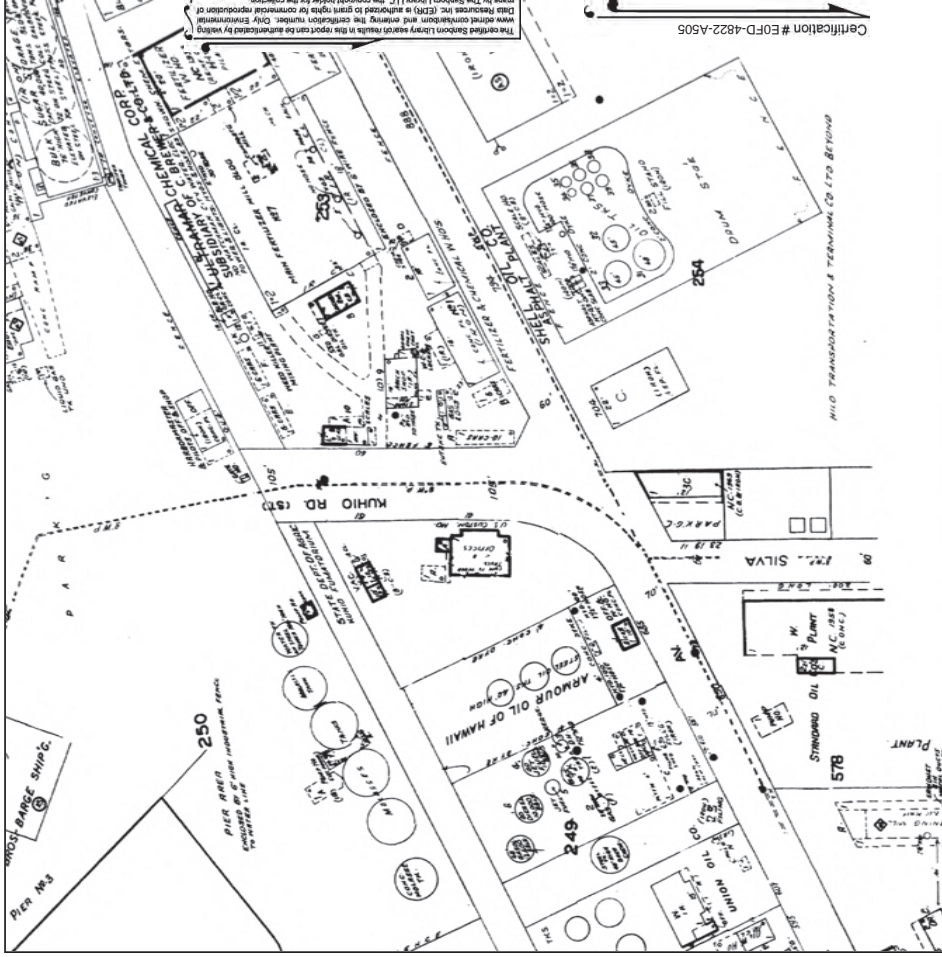
Volume 1, Sheet 34





Certified Sanborn® Map

1978



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Certification # EOPD-4822-A505

Site Name: Hilo Nuclear Industrial Lab Phase I EISA
Address: Multiple Properties
City, ST, ZIP: HILO, HI 96720
Client: Eberhart Environmental, LLC
EDR Number: 6835550.3
Contractors: EOPD-4822-A505
Copyright: 1978



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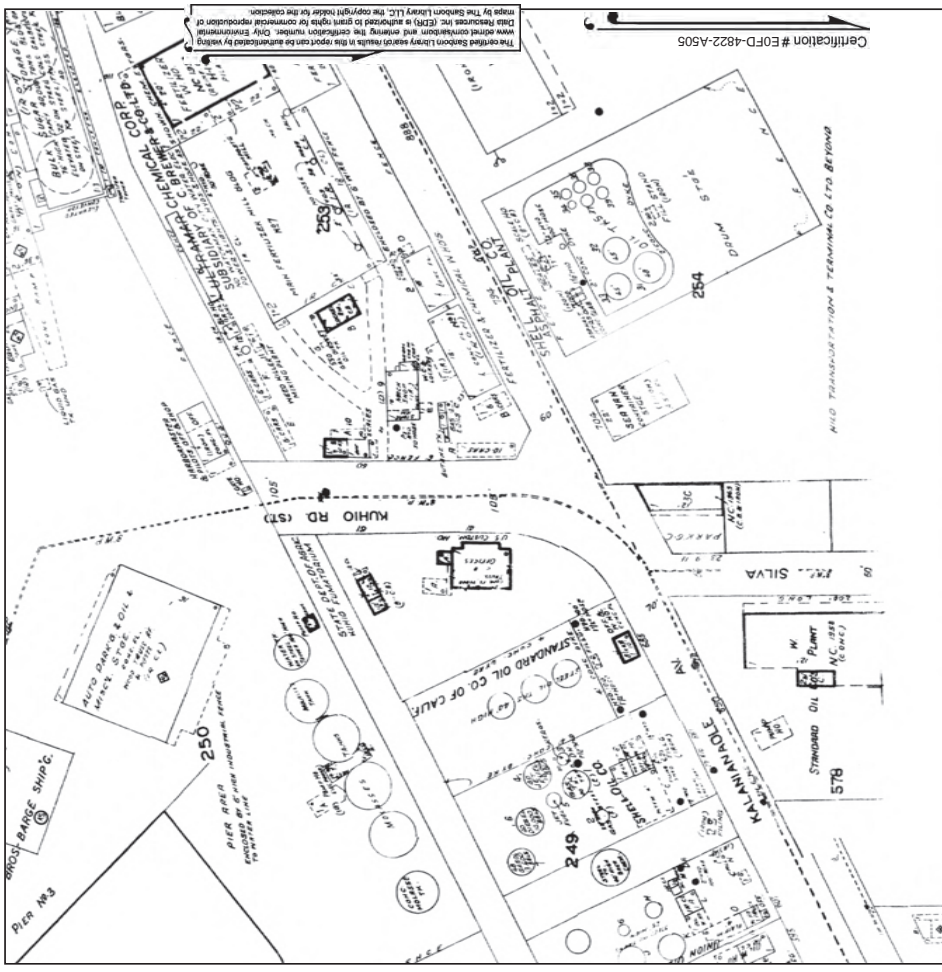


Volume 1, Sheet 34



Certified Sanborn® Map

1974



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Certification # EOPD-4822-A505

Site Name: Hilo Nuclear Industrial Lab Phase I EISA
Address: Multiple Properties
City, ST, ZIP: HILO, HI 96720
Client: Eberhart Environmental, LLC
EDR Number: 6835550.3
Contractors: EOPD-4822-A505
Copyright: 1974



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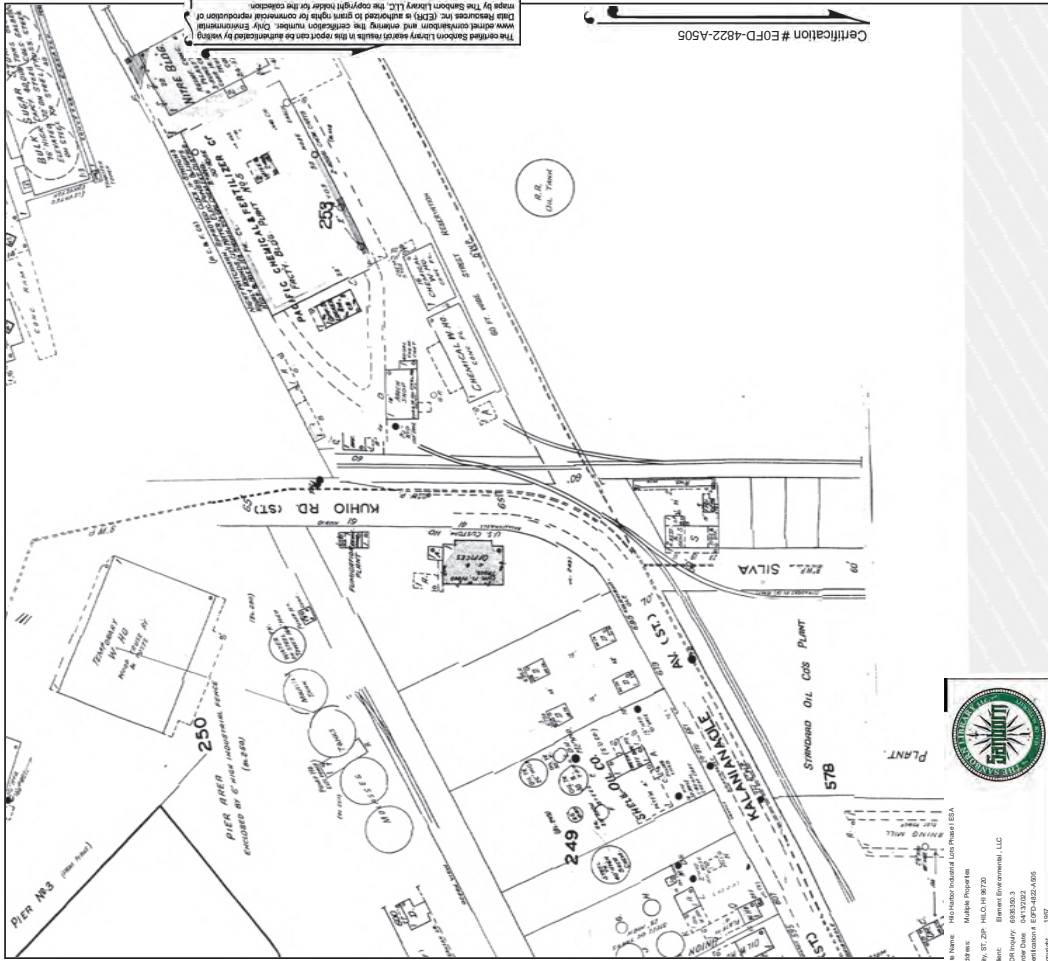
Volume 1, Sheet 34





Certified Sanborn® Map

1957



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Certification # EOPD-4822-A505



Site Name: Hydrocarbon Industrial East Texas I, USA
 Address: Multiple Properties
 City, ST, ZIP: HOUSTON, TX 77020
 Date: EPR Environmental, LLC
 EDN Project: 6383263.3
 Certification: EOPD-4822-A505
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Volume 1, Sheet 34



Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.3
April 13, 2022

Certified Sanborn® Map Report

04/13/22

Certified Sanborn® Map Report

Site Name:	Client Name:
Hilo Harbor Industrial Lots Pha: Multiple Properties HILO, HI 96720 EDR Inquiry # 6935350.3	Element Environmental , LLC 98-030 Hekaha Street Aiea, HI 96701-0000 Contact: Angie Peltier



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Certified Sanborn Results:

Certification # E0FD-4822-A505

PO # 210042

Project 210042 Hilo Harbor Industrial

Maps Provided:

- 1991
- 1987
- 1978
- 1974
- 1957



Sanborn® Library search results
Certification #: E0FD-4822-A505

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- University Publications of America
- EDR Private Collection

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Sanborn Sheet Key

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1991 Source Sheets



Volume 1, Sheet 34
1991

1987 Source Sheets



Volume 1, Sheet 34
1987

1978 Source Sheets



Volume 1, Sheet 34
1978

1974 Source Sheets



Volume 1, Sheet 34
1974



Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1957 Source Sheets

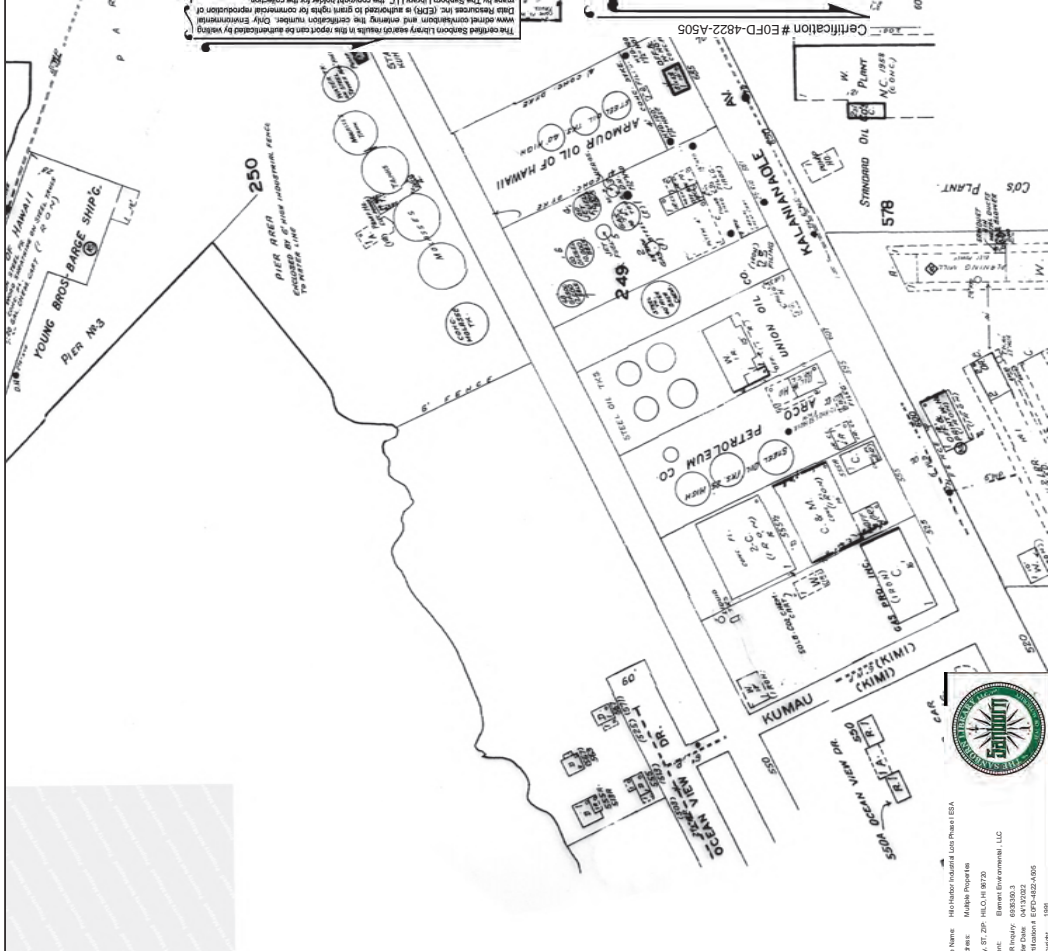


Volume 1, Sheet 34
1957



Certified Sanborn® Map

1991



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Site Name: Hilo Harbor Industrial Gas Phase I EIS
 Address: Multiple Properties
 City, ST, ZIP: HI, HI, 96720
 Client: Eberhart Environmental, LLC
 EDR Project #: 6935350.3
 Collection #: EDP-2822-A505
 Copyright: 1991

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1987



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 Address: Multiple Properties
 City, ST, ZIP: HI, HI, 96720
 Client: Eberhart Environmental, LLC
 EDR Project #: 6935350.3
 Collection #: EDP-2822-A505
 Copyright: 1987

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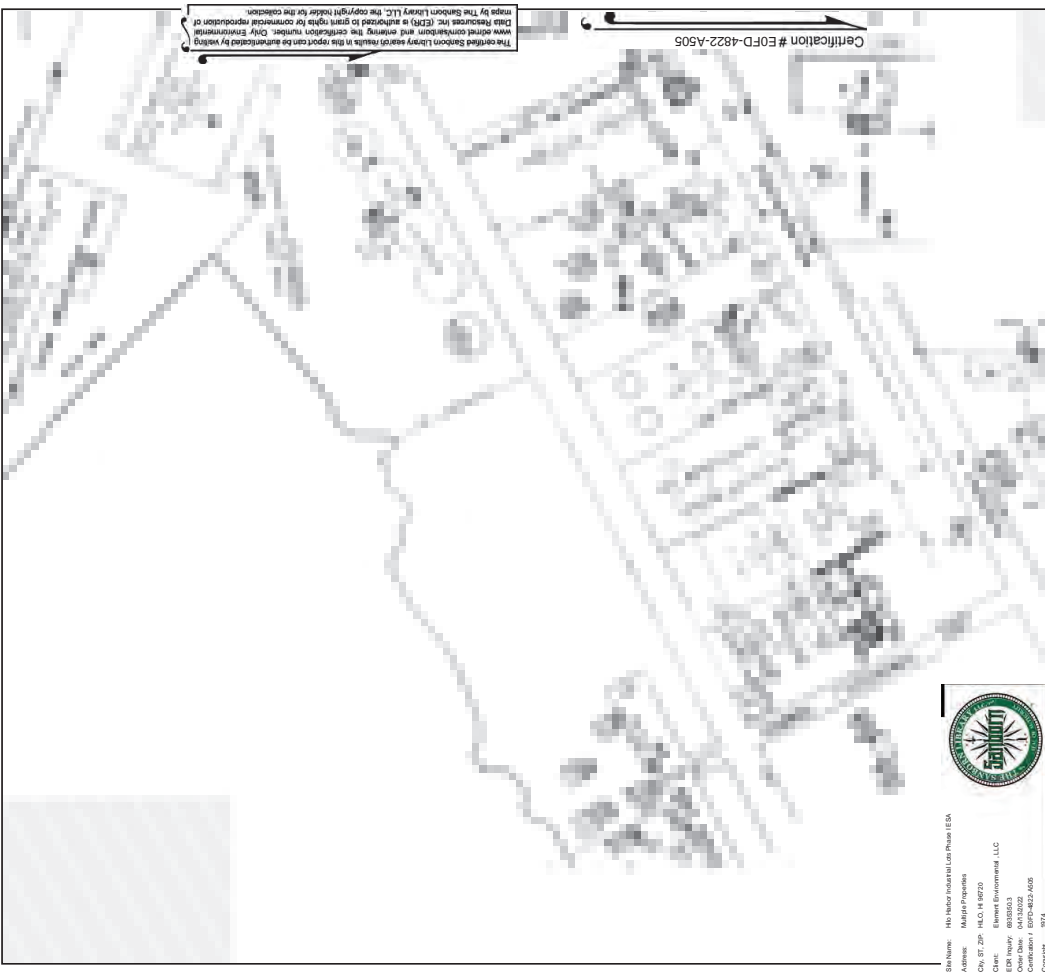


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1974



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Certification # EOPD-4822-A505



Site Name: H&N Industrial Gas Phase I ESA
Address: Multiple Properties
City, ST, ZIP: H&N, HI 96720
Client: Eberhart Environmental, LLC
EDR Number: 6935550.3
Collection: EOPD-4822-A505
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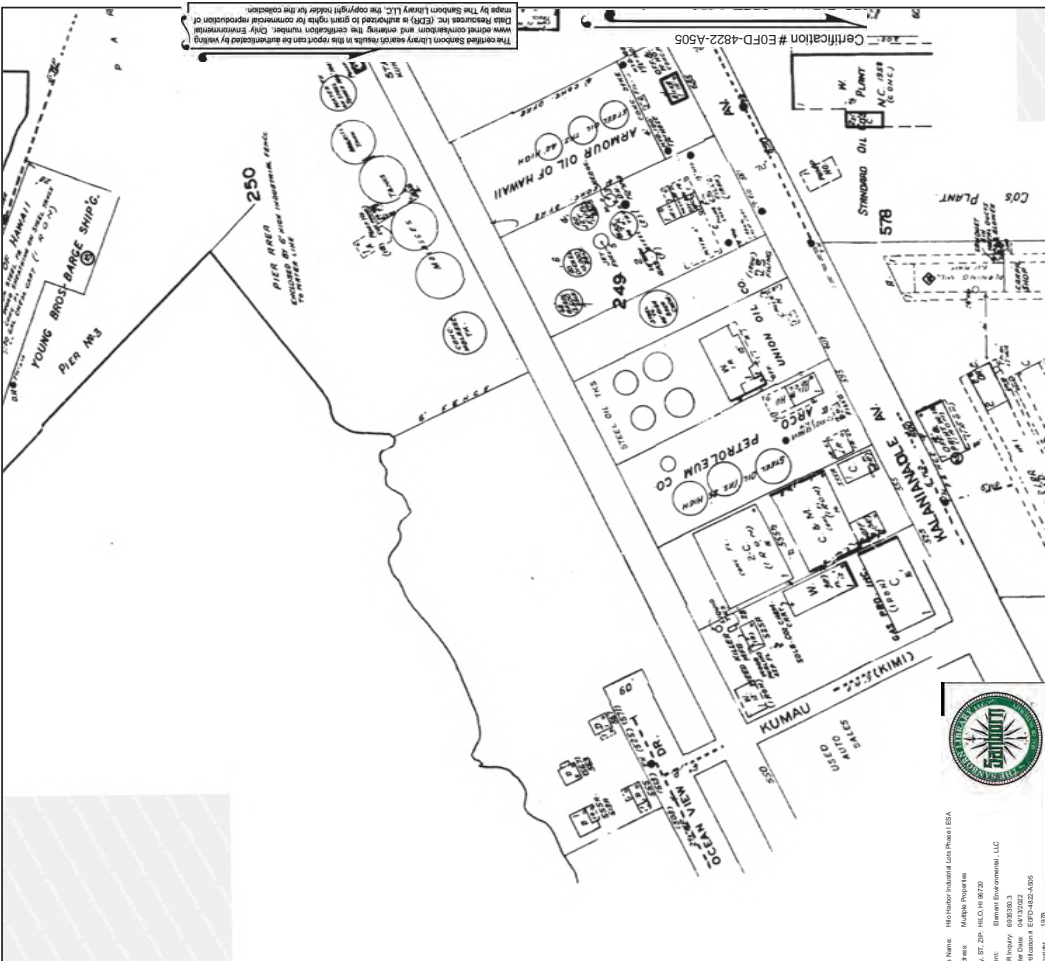


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1978



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Certification # EOPD-4822-A505



Site Name: H&N Industrial Gas Phase I ESA
Address: Multiple Properties
City, ST, ZIP: H&N, HI 96720
Client: Eberhart Environmental, LLC
EDR Number: 6935550.3
Collection: EOPD-4822-A505
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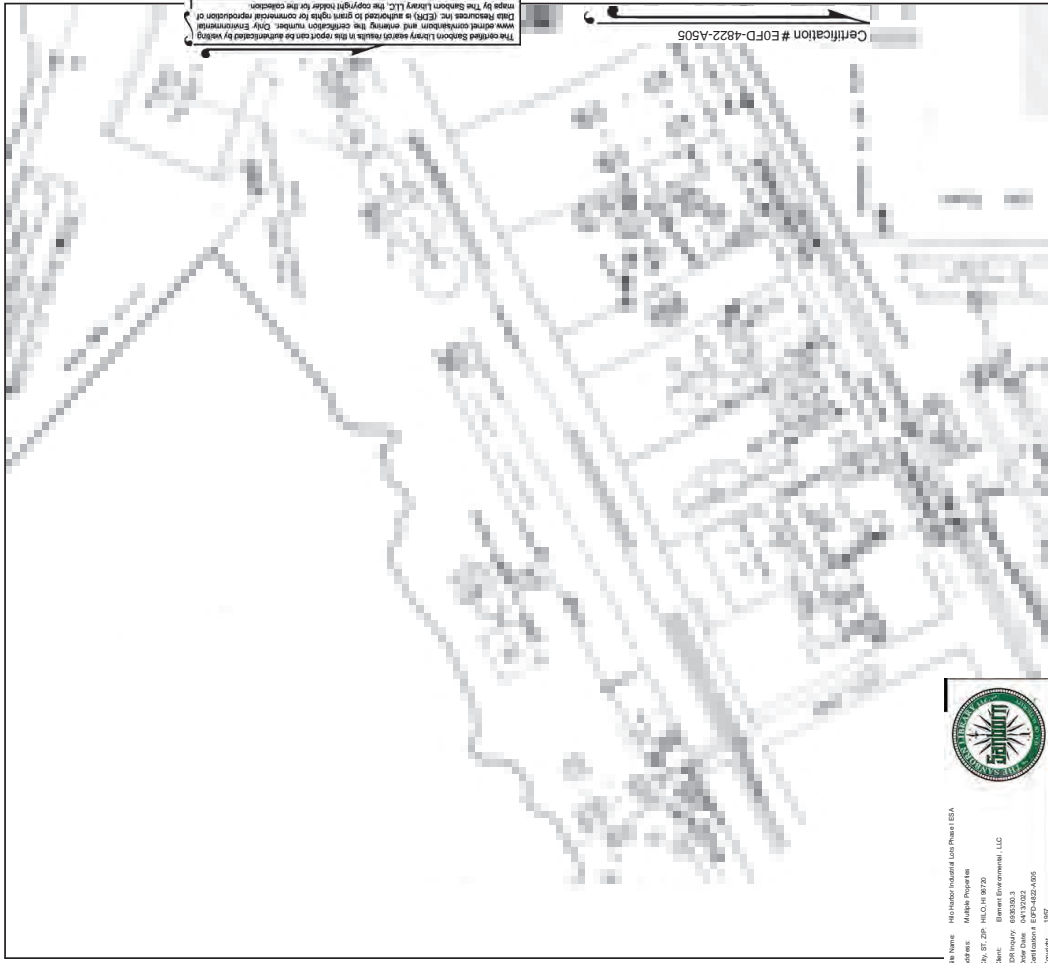
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1957



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Certification # EOPD-4822-A505



Site Name: H&H Motor Industrial Loop Truss I USA
Address: Multiple Properties
City, ST, ZIP: MILWAUKEE, WI 53220
Client: Eberlein Environmental, LLC
EDR Inquiry: 6/30/2023
Certification: EOPD-4822-A505
Copyright: 1957

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34

Volume 1, Sheet 34



Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.3
April 13, 2022

Certified Sanborn® Map Report

04/13/22

Certified Sanborn® Map Report

Site Name:	Client Name:
Hilo Harbor Industrial Lots Pha: Multiple Properties HILO, HI 96720 EDR Inquiry # 6935350.3	Element Environmental , LLC 98-030 Hekaha Street Aiea, HI 96701-0000 Contact: Angie Peltier



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Certification # E0FD-4822-A505
PO # 210042
Project 210042 Hilo Harbor Industrial

Maps Provided:

- 1991
- 1987
- 1978
- 1974
- 1957



Sanborn® Library search results
Certification #: E0FD-4822-A505

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Volume 1, Sheet 34
1991

1987 Source Sheets



Volume 1, Sheet 34
1987

1978 Source Sheets



Volume 1, Sheet 34
1978

1974 Source Sheets



Volume 1, Sheet 34
1974



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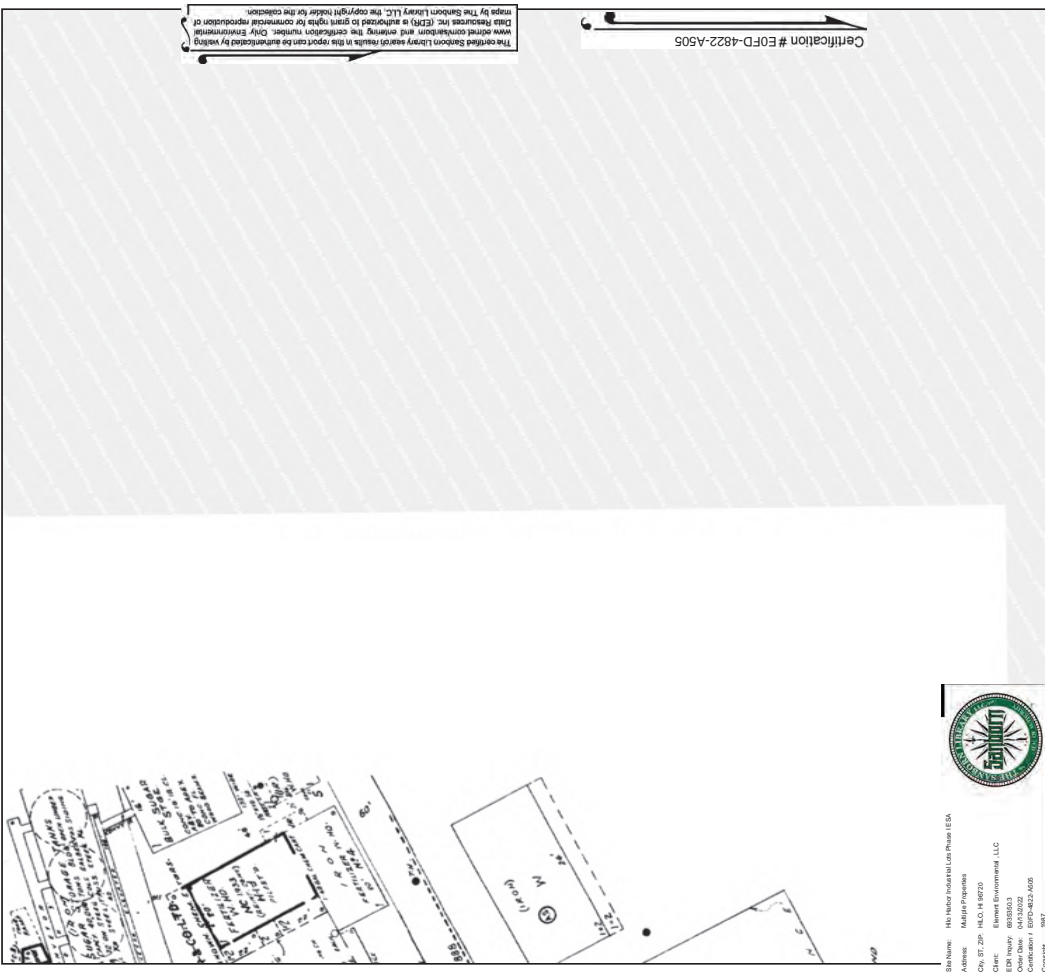
1957 Source Sheets



Volume 1, Sheet 34
1957

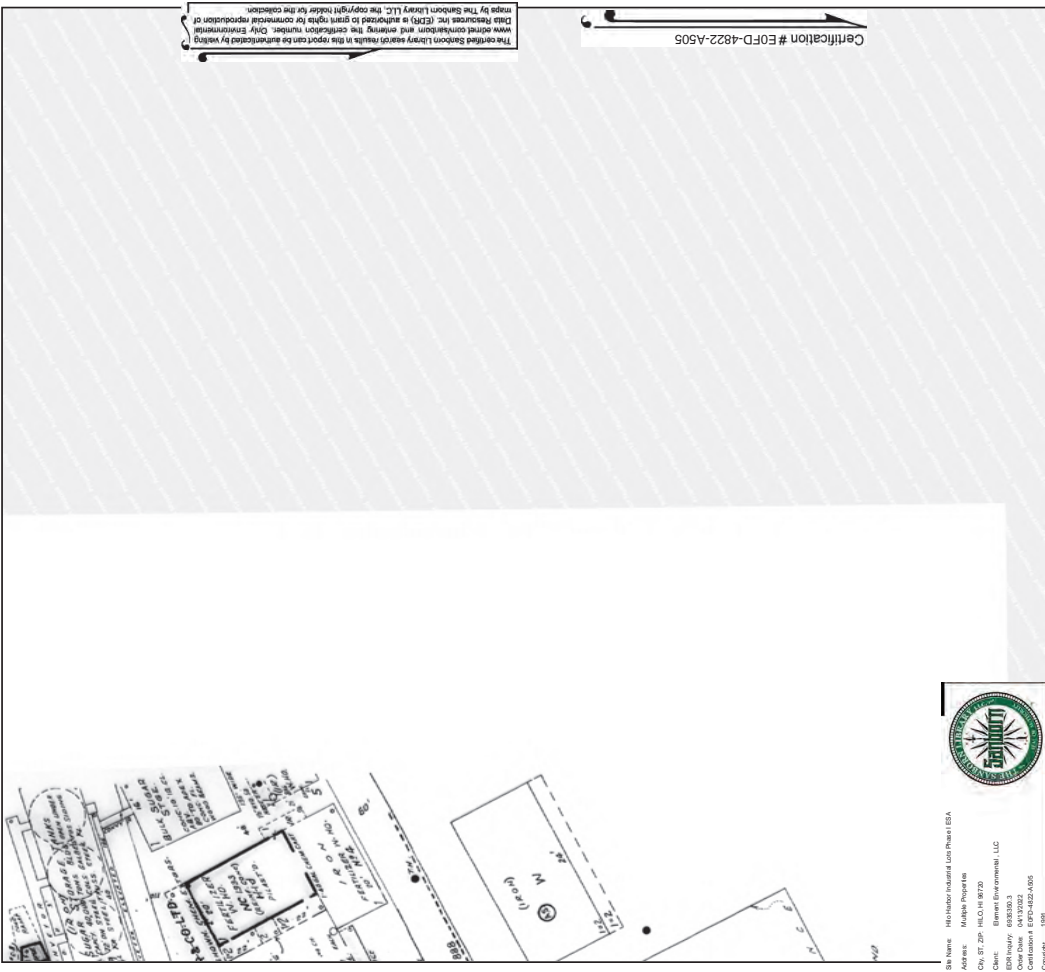
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1987



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1991





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1978



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Site Name: H&N Nuclear Industrial Gas Phase I ESA
 Address: Multiple Properties
 City, St, ZIP: H&N, IL 60220
 Client: Eberhart Environmental, LLC
 EDR Project #: 603020.3
 Certification #: EOPD-4822-A505
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Volume 1, Sheet 34



page 7

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Site Name: H&N Nuclear Industrial Gas Phase I ESA
 Address: Multiple Properties
 City, St, ZIP: H&N, IL 60220
 Client: Eberhart Environmental, LLC
 EDR Project #: 603020.3
 Certification #: EOPD-4822-A505
 Copyright: 1974

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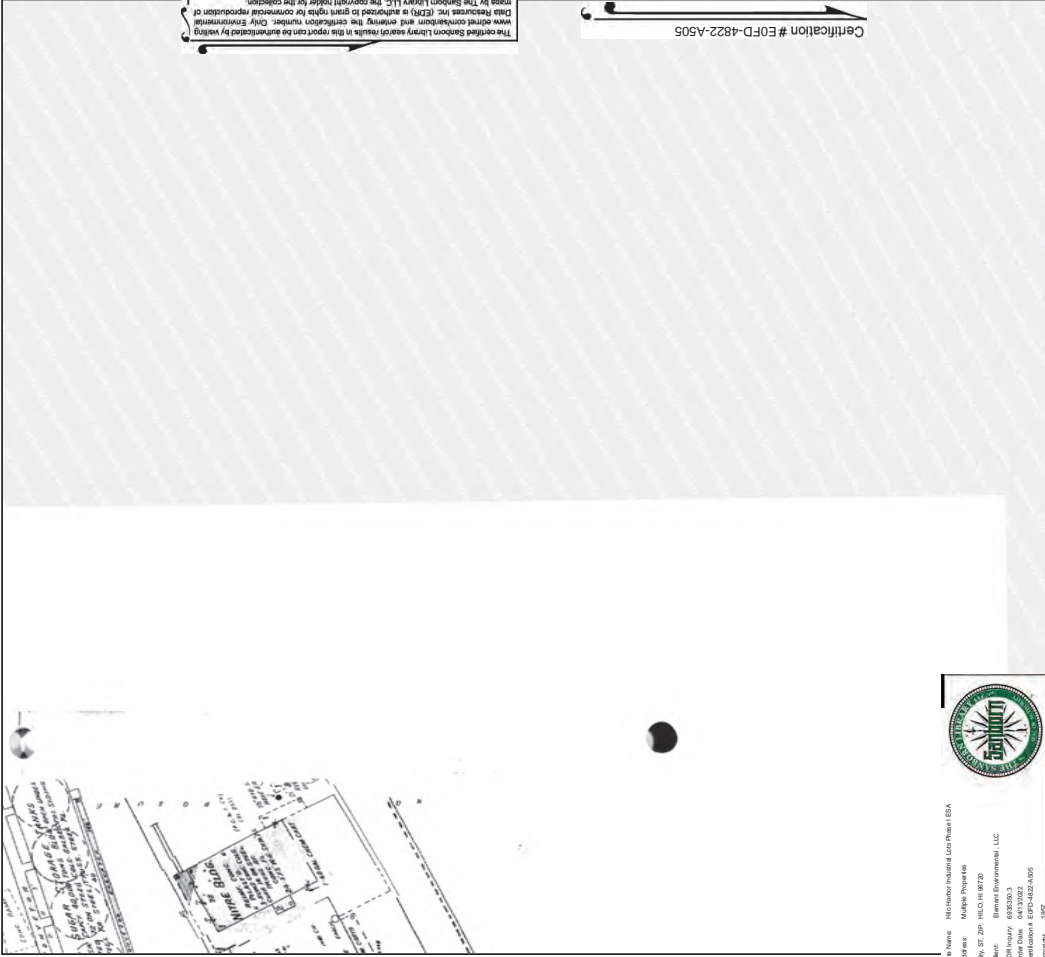
page 8

68935350 - 3



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1957



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Site Name: H&H Motor Industrial Loop Three I, USA
 Address: Multiple Properties
 City, ST, ZIP: HILLO, IL 60120
 Client: Eberlein Environmental, LLC
 EDN Project #: 6030260.3
 EDN Project Name: Eberlein Environmental, LLC
 Certification #: EDP-2822-A505
 Copyright: 1957

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34



EDR Historical Topo Map Report with QuadMatch™

Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.4
April 11, 2022

EDR Historical Topo Map Report

04/11/22

Site Name:

Hilo Harbor Industrial Lots Pha
Multiple Properties
HILO, HI 96720
EDR Inquiry # 6935350.4

Client Name:

Element Environmental, LLC
98-030 Hekaha Street
Aiea, HI 96701-0000
Contact: Angie Peltier



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Search Results:

P.O.#	210042	Latitude:	19.728452 19° 43' 42" North
Project:	210042 Hilo Harbor Industrial	Longitude:	-155.053365 -155° 3' 12" West
		UTM Zone:	Zone 5 North
		UTM X Meters:	284805.56
		UTM Y Meters:	2182734.32
		Elevation:	7.38' above sea level

Maps Provided:

2017 1915, 1917
2013 1914
1995
1981
1980
1977
1963, 1966
1932

EDR Historical Topo Map Report with QuadMatch™



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Topo Sheet Key

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2017 Source Sheets



Hilo
2017
7.5-minute, 24000



Papaikou
2017
7.5-minute, 24000

2013 Source Sheets



Hilo
2013
7.5-minute, 24000



Papaikou
2013
7.5-minute, 24000

1995 Source Sheets



Hilo
1995
7.5-minute, 24000
Aerial Photo Revised 1995

1981 Source Sheets



Hilo
1981
7.5-minute, 24000
Aerial Photo Revised 1977



PAPAIKOU
1981
7.5-minute, 24000

Topo Sheet Key

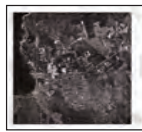
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets



HILO
1980
15-minute, 50000

1977 Source Sheets



Hilo
1977
7.5-minute, 24000
Aerial Photo Revised 1977

1963, 1966 Source Sheets



Hilo
1963
7.5-minute, 24000
Aerial Photo Revised 1961



Papaikou
1966
7.5-minute, 24000

1932 Source Sheets



Hilo
1932
15-minute, 62500



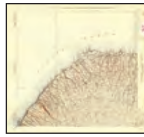
Historical Topo Map

2017

Topo Sheet Key

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1915, 1917 Source Sheets



Honouliuli
1915
15-minute, 62500



Hilo
1917
15-minute, 62500

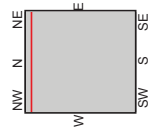
1914 Source Sheets



WAIAKEA
1914
7.5-minute, 31680



This report includes information from the following map sheet(s).



TP - Hilo, 2017, 7.5-minute
N. Papaikou, 2017, 7.5-minute

SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720
CLIENT: Element Environmental, LLC

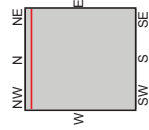


Historical Topo Map

2013



This report includes information from the following map sheet(s).



SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
 ADDRESS: Multiple Properties
 HILO, HI 96720
 CLIENT: Element Environmental, LLC

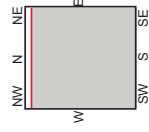


Historical Topo Map

1995



This report includes information from the following map sheet(s).



SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
 ADDRESS: Multiple Properties
 HILO, HI 96720
 CLIENT: Element Environmental, LLC



Historical Topo Map

1981



This report includes information from the following map sheet(s).

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N, PAPAIKOU, 1981, 7.5-minute

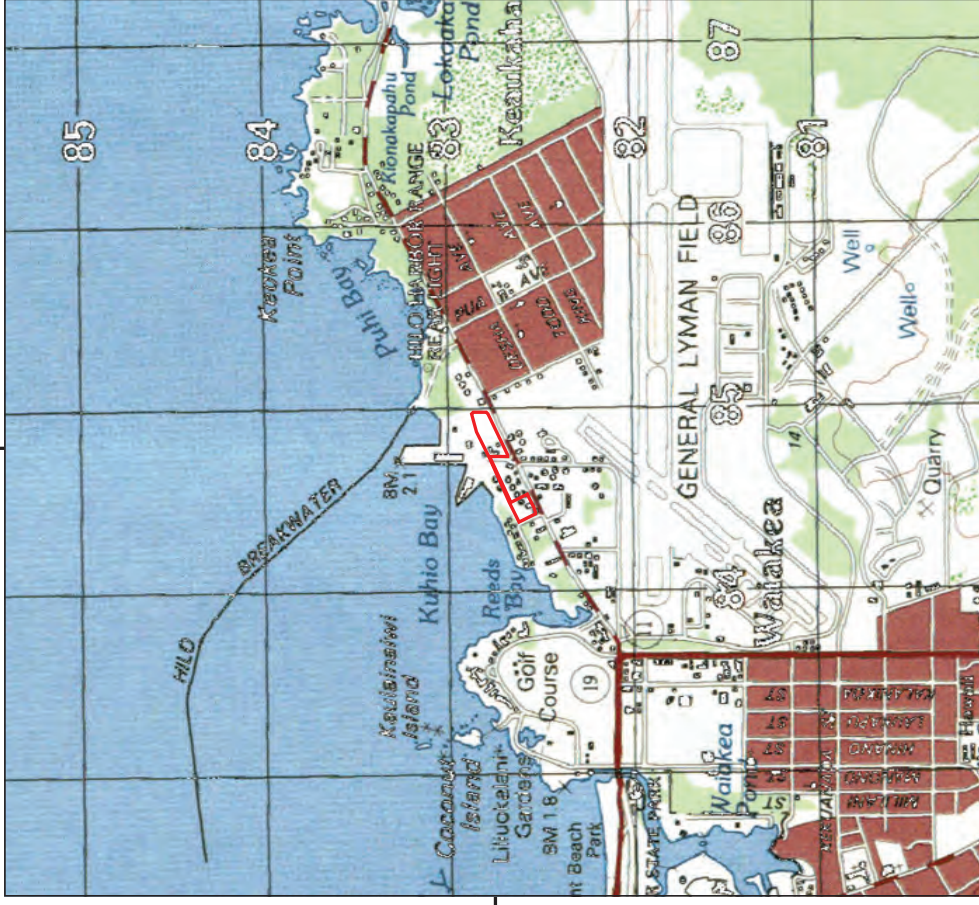
SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720

CLIENT: Element Environmental, LLC



Historical Topo Map

1980

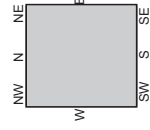


This report includes information from the following map sheet(s).

TP, Hilo, 1980, 15-minute

SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720

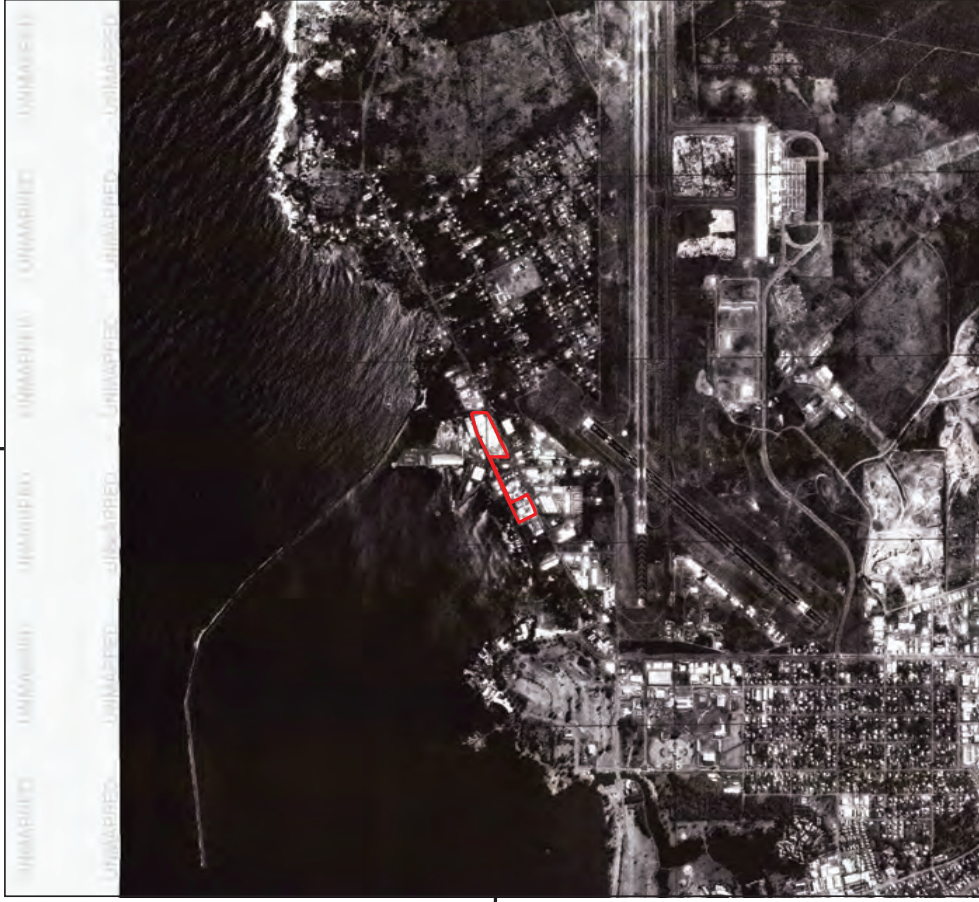
CLIENT: Element Environmental, LLC



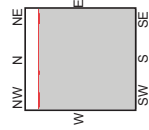


Historical Topo Map

1977



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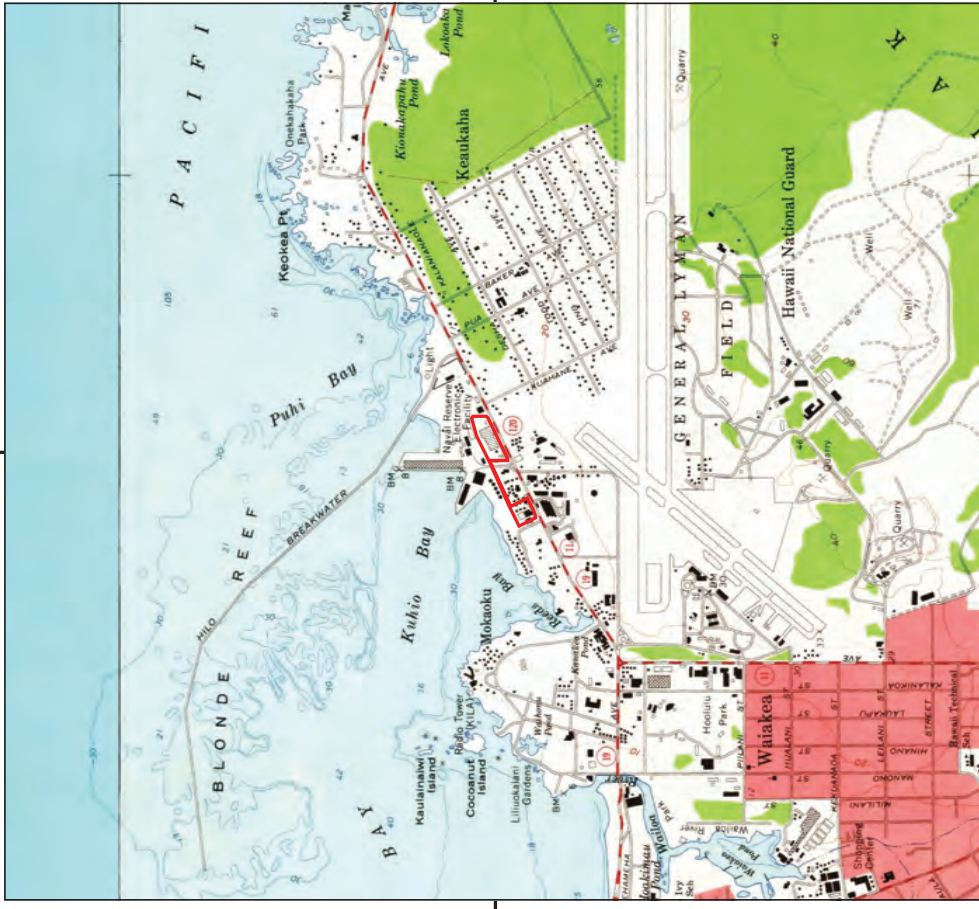
SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720

CLIENT: Element Environmental, LLC

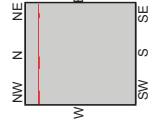


Historical Topo Map

1963, 1966



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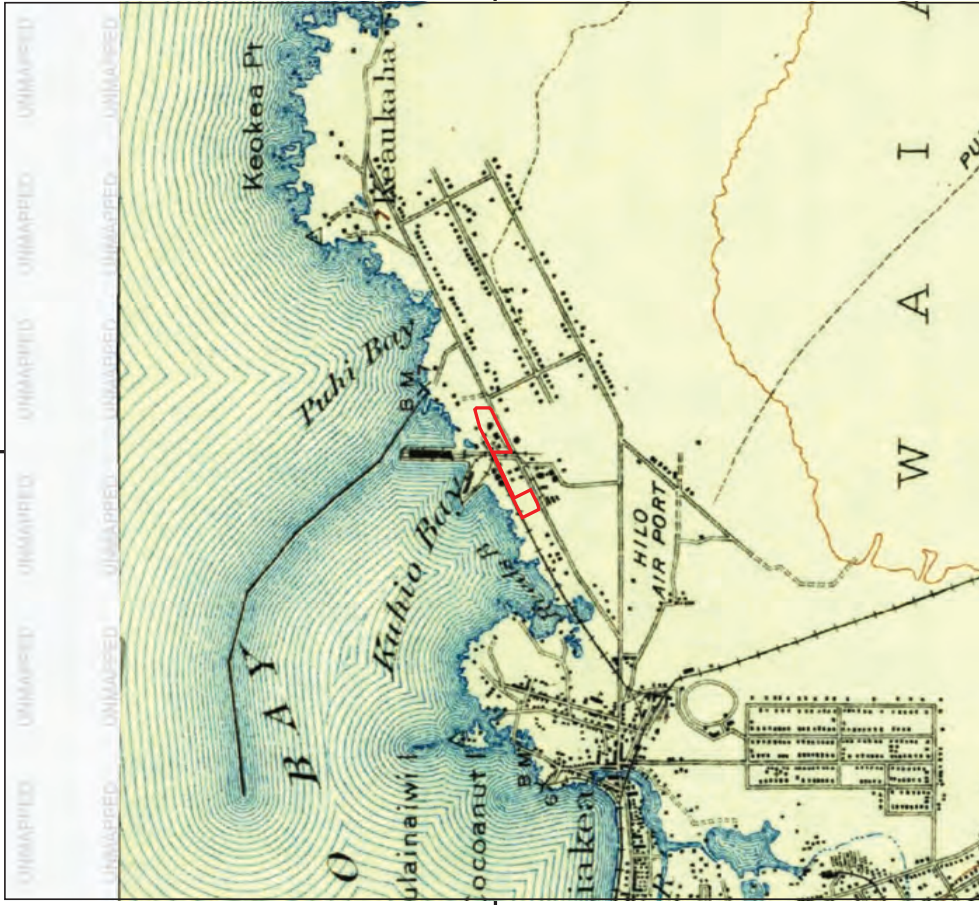
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ADDRESS: Multiple Properties
HILO, HI 96720

CLIENT: Element Environmental, LLC

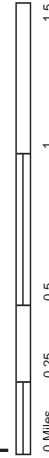


Historical Topo Map

1932



This report includes information from the following map sheet(s).



NW N NE
W E
SW S SE

TP, Hilo, 1932, 15-minute
NW, Honouliuli, 1932, 15-minute

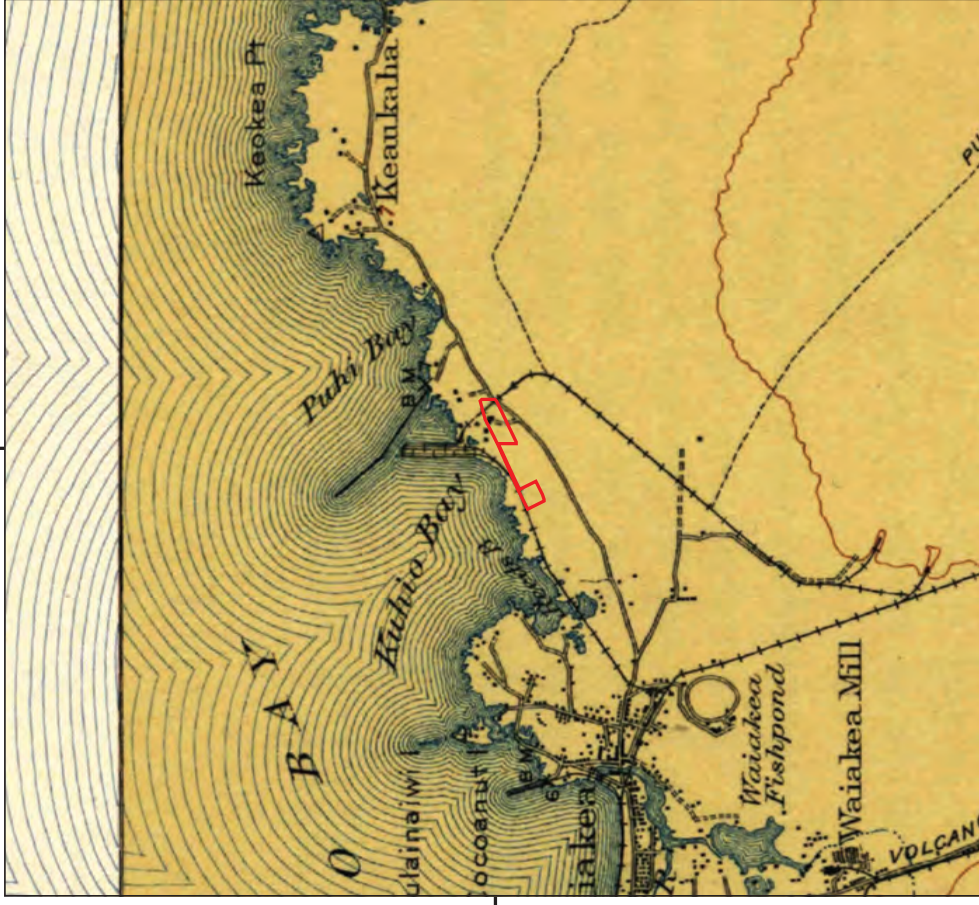
SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720

CLIENT: Element Environmental, LLC

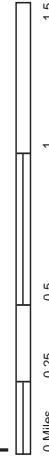


Historical Topo Map

1915, 1917



This report includes information from the following map sheet(s).



NW N NE
W E
SW S SE

TP, Hilo, 1917, 15-minute
NW, Honouliuli, 1915, 15-minute

SITE NAME: Hilo Harbor Industrial Lots Phase I ESA
ADDRESS: Multiple Properties
HILO, HI 96720

CLIENT: Element Environmental, LLC

The EDR-City Directory Image Report

Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.5
April 11, 2022

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

The EDR-City Directory Image Report



6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

Multiple Properties
HILO, HI 96720

Year CD Image Source

KALANIANA'OLE AVE

2017	pg A2	EDR Digital Archive
2014	pg A9	EDR Digital Archive
2010	pg A17	EDR Digital Archive
2005	pg A24	EDR Digital Archive
2000	pg A32	EDR Digital Archive
1995	pg A39	EDR Digital Archive
1992	pg A48	EDR Digital Archive

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD/Image</u>	<u>Source</u>
2017	pg. A8	EDR Digital Archive
2014	pg. A16	EDR Digital Archive
2010	pg. A23	EDR Digital Archive
2005	pg. A31	EDR Digital Archive
2000	pg. A38	EDR Digital Archive
1995	pg. A47	EDR Digital Archive
1992	-	Street not listed in Source

KUHIO ST

City Directory Images

KALANIANA'OLE AVE 2017 (Cont'd)

355	THOMPSON, HELEN G TOLER, VALERIE P WAKAYAMA, CARLY WAKIDA, RANGHA WILLIAMS, STEVEN D YAMAMOTO, MELVIN
425	POWER STORAGE HILO
447	BIG ISLAND POWER SPORTS NSM BULLY ALLIANCE LLC PACIFIC ISLAND FLOORS HAWAII COFFEE COMPANY LION COFFEE PARADISE BEVERAGES ROYAL KONA COFFEE SUPERIOR COFFEE HAWAII HAWAII PETROLEUM HARPER CAR & TRUCK RENTALS OF HAWAII KUWAYE TRUCKING INC CREATIVE ARTS HAWAII GOODWILL HAWAII PAPER PRODUCTS INC KA UMEKE KAE0 PCS MOTORAL AUTHORIZED AGENT MOTOROLA AUTHORIZED SERVICE CENTER PACIFIC WIRELESS COMMUNICATIONS LLC A & A STORAGE CO AA AUTO & GLASS ALOHA AUTO GLASS NONI BIOTECH INTERNATIONAL OCEAN FRONT RESTAURANT TESORO TESORO HAWAIIHILO TERMINALS KONA TRANSPORTATION CO INC ALOHA PETROLEUM CHEVRON WHITE CAP CONSTRUCTION SUPPLY POLYNESIAN ADVENTURE TOURS TOWN & COUNTRY MOVING & STORAGE YUNG, AHL HAWAII GAS THE GAS COMPANY PUNG, ALBERT E HOUGH, JAMES K GARCIA, RORY K KALOI, LAWRENCE CARDINES, PATRICK J KALOI, MYRLEEN K EARWOOD, LEE K MEYER, MILDRED SIMEONA, KIMI
607	
612	
661	
666	
750	
888	
934	
945	
970	
980	
1026	
1028	
1034	
1044	
1052	
1064	
1070	

KALANIANA'OLE AVE 2017

21	CARE HAWAII INC HI PERFORMANCE SPECIALISTS MAYSONET DAVID DC O V FEED & FARM SUPPLY DRISCOLL DAN MD HAWAII VISION SPECIALISTS THE FIREPLACE & HOME CENTER MILLIES DELI & SNACK SHOP NEW SAIGON PONDS HILO JOHNSON, JOSEPHINE BAY CLINIC AGOUCHUKWU, IFEANYI C ALL KINE STUFFS ALVES, CHOM BLANCO, GEORGE A BLASK, VAL B BONA, ALBERT BUSH, JOSEPH A COPOE, CRYSTSLYNN CORREA, JEFFREY DAVIS, VICKI L DESAMITO, CALVIN D EBANEZ, JUDY ELLIOTT, KATHERINE E FLAMENT, DIDIER A GARCIA, ROWENA GONVEIA, LAVERNE A HARA, ALAN H INADA-KAHILI, JESSIE H KAUHI, MARY K KAUO, KEHAUUA KIM, HEUNG C KOBAYASHI, PRISCILLA MANES, MICHEAL MANNING, WAYNE N MCBROOM, JAMES C MINATO, JAMES T MIYASHIRO, WAYNE MOORE, VERA M NEELY, REMI ORCHID MANOR ORCHID MANOR CONDO ASSN PACHECO, CAROLINE PALAU, GINELLE K PORTER, LILLIAN C REIS, ROBERT D SCHOR, FREDERICK D STANLEY, L TAMBA, MARIKO
76	
92	
94	
96	
135	
181	
311	
355	

KALANI'ANAOLE AVE 2017 (Cont'd)

1875
 CHO, MARION S
 CONNER, JULIA B
 DAIMONJI, HERBERT S
 DAVIS, ROBERT H
 ELCOCK, ROBIN W
 ERVIN, JOHN A
 ERVIN, KANAMI S
 EYNON, GAIL
 FALLINGSTAR, CERRIDWEN
 GAMBLE, RHONDA F
 HALE, ELENA M
 HASKELL, WENDY
 HECOMOVICH, FRANCIS M
 HUFF, MILDRED
 KOULIEV, DAMIR A
 LARSON, MARY B
 LIM, ANTHONY
 MAPLE, CONNIE J
 NAKAO, ISAMU N
 OKADA, SHOICHIRO
 OWUSU, YAW B
 RICE, ANDREA J
 ROBLATT, RACHEL
 SAPLAN, AUDREY B
 SILBERMAN, MALURY F
 SKOUSEN, JOEL C
 TIMKO, MICHAEL J
 TONDER, MARY
 TURNER, JENNIFER S
 UEKI, JASON B
 WELCH, INGRID
 WHITEHURST, P
 WILSON, SARAH
 YU, MONIQUE S
 ZUECH, JOHN E
 1889 QUEVEDO, SUNSERENE N
 1896 GOTO, DEAN K
 1911 MAUREENS BED & BREAKFAST
 BENNETT, GREGORY W
 CARERE, KIM M
 DAVIS, WILLIAM A
 DEMERITT, STEVE R
 DOWNEY, TRAVIS
 ELLIS, PAULINE D
 FUKUDA, JEAN
 GABRIEL, GIGI F
 GOLTZ, TOM A
 HUNTINGTON, BARBARA L
 HUTCHINS, JIMMY
 JOHNSON, KARL

KALANI'ANAOLE AVE 2017 (Cont'd)

1098 KUAMOO, MITZIK
 1108 KUAMOO, MYLES
 1182 FEARY, BRYCE
 1188 TRIPP, BRIDGET W
 1202 TIRRELL, TIMOTHY U
 1216 KEMA, NORMAN M
 1238 MASUNO, CHELSEA K
 1246 TIRRELL, THYRON
 1258 HENDERSON, RUSSELL
 1262 SHIMAOKA, ROLAND L
 1268 JOHN, JR
 1272 SILVA, DAMIEN B
 1300 CANN, ERNEST K
 1303 BENITEZ, GWENDOLYN J
 CAMEROS, LEANNA M
 FULFORD, JODY
 MAKA, LUCKY M
 SANTIAGO, TIANA
 YOSHIMOTO, NORMAN M
 1312 NAKASHIMA, LARRY H
 1328 WAIPA, HARVEY
 1330 WAIPA, LEOLANI
 1342 KELAU, KEALA K
 1362 TUAKALAU, JOHN M
 1365 ALMEIDA, EMILY
 ALVES, JAVENNA
 BOWEN, DENISE M
 CHENEY, DORIAN
 DEFOREST, YURI
 DOUGLASS, SUSAN
 HAFNER, ANTHONY S
 MCCLURE, ROLAND
 MICHELSON, MONA S
 OYAS, MINNEH
 PUGLIESE, SUSAN L
 RIDER, GLEAH
 SOARES, WHITTNEY
 TYRIN, JAMES
 1408 AUWAE, DUANE K
 1500 EDITH KANAOKALE FOUNDATION INC
 1790 THE SEASIDE RESTAURANT & AQUA FARM
 1816 BETTECOURT, GEORGE A
 1846 AHA, CHAD L
 1875 AMES, HAROLD T
 AOKI, KENTARO
 ARNDT, SHERRY L
 BARBOZA, RONALD
 BUELOW, FREDERICK H
 BURKLEY, GEORGE B
 CARNAGGIO, AUGUST C

KALANIANA'OLE AVE 2017 (Cont'd)

2405
 DAGGETT, JOHN M
 DAIKAWA, ROY M
 DYE, CELESTE A
 FUKA, MARY A
 GONSALVES, ALAN
 GRIBBIN, RICHARD S
 HALE KAHAKAI ASSN
 HALE, KAHAKAI
 HILL, GWENDOLYN
 HOTNIANSKY, GEORGE
 KASUKAWA, YUMI
 KEEN, TONYA C
 KEYHOBAD, MIKE M
 KIM, SUN Y
 LARSEN, EM
 MARSISCHKY, JOHN W
 METCALF, LOUIS W
 MEYER, FREDERICK C
 NEAL, CHRISTOPHER A
 NISHIMURA, TETSUO
 POST, VERNAM
 POWDRELL, HOLLY A
 STARTUP, ROBERT W
 SUSSEL, ANDREA J
 TERAOKA, TETSUO Y
 UMBECK, PAULA
 VARNER, CHARLES N
 WOOD, VERNE A

KALANIANA'OLE AVE 2017 (Cont'd)

1911
 LAUER, REX W
 LINDAMOOD, MARILYN S
 MCCANN, JOHN S
 MELLON, JAMES P
 MEONA, PAULA
 RICKARD, FRANCIS D
 SCULLARY, PATRICIA A
 STEWART, RAY D
 WELLS, MARILYN J
 WOHL, JAMES P
 CANN, STANLEY W
 HOPKINS, WILLIAM R
 MCCULLY, JAMES W
 1953 EDWARDS, ROBIN A
 1965 JACUNSKI, STEVEN J
 1970 DALE, JEFF T
 1983 DEETMAN, LOUIS J
 1985 CARRUTHERS, NADA
 1999 PLACK, ANDREW R
 2004 MOODY, DON R
 2018 LEASURE, HILLARY
 MACKENZIE, KEITH S
 2028 GIROUX, FRANKLIN H
 2045 CAMERON, MONA M
 2048 NELSON, SAM D
 2056 PULLIAM, DEVIN A
 2061 SULLA J PAUL JR ATTORNEY AT LAW A
 SULLA, PAUL J
 2062 HEICK, JAMES T
 2070 BALDWIN, LESTER N
 2084 KANETAKE, WESLEY T
 2130 HARADA, ROSY T
 2140 SUTTER, CORI N
 2160 DOLLNIG, RICHARD D
 2180 BAEHR, JOHN M
 2296 BEASON, MICHAEL
 2306 ANTHONY, TOM R
 2322 HING, GREGORY C
 2356 CASE, JEFFERY H
 2368 CAMBLOR, ANGEL A
 2385 NISHIZAKI, NORMAN
 2390 HEWITT, RUSSELL K
 2405 ALEXANDER, MARGARET
 BORER, JOSEPH M
 BOTHOF, DELWIN L
 CARTER, WILLIAM H
 CERRA, NICK
 COMSTOCK, SETH
 CONKLIN, LAWRENCE P
 CONROY, SEVITA

KALANIANA'OLE AVE 2014

19	SHIFLETT, DON
21	CARE HAWAII INC IRON HORSE TOWING & RECOVERY LLC IRON HORSE WATER HAULING MAYSONET DAVID DC O V FEED & FARM SUPPLY HAWAII VISION SPECIALISTS EAST HAWAII WATER SPORTS HAIRY MONKEY BOOKS MILLIES DELI & SNACK SHOP NEW SAIGON RESTAURANT PONDS HILO JOHNSON, JOSEPHINE JOSSELYN, MARC S BAY CLINIC OCCUPANT UNKNOWN, ALVES, C BALSLEY, BARRY L BLANCO, GEORGE A CHADDOCK, MICHELLE T COPOE, CRYSTL L YNN CRICHTON, BRANDON THOMAS DAVIS, VICKI L DEMATTOS, PATTY C GANLEY, TIMOTHY M GONVEIA, LAVERNE A HAND, TEAGAN V HARA, ALAN H KAHILI, ANDREW A KAUHI, MARY K KAWAKAMI, LYNN MANES, MICHEAL MANINGA, JENNIFER K MANNING, WAYNE N MCBROOM, JAMES C MCMURRY, KENDRA MOORE, VERAM NAKO, FAY Y NEELY, REMIDIOS NIHOA, LESLIE ORCHID MANOR CONDO ASSN PACHECO, CAROLINE PALAU, GINELLE PARESA, CELESTE L PERREIRA, SHIRLEY C POTHIER, PEPPER REIS, ROBERT D SOOSMAN, SHELDON STANLEY, L TANOUJE, CHANDRA

KUHIO ST 2017

27	TSR
29	UNITED STATES GOVERNMENT AFF HAWAIIAN OCEAN TRANSPORT HOT CHRISTOPHER RANCH CONENS FREIGHT TRANSPORT ISLAND DISCOUNT RENTALS J & J LUCAS REPAIR SHOP KEOKIS REPAIR
80	CSX HAWAII STEVEDORES INC
90	STATE OF HAWAII
99	HAWAII STEVEDORES INC YOUNG BROTHERS

KALANIANA'OLE AVE 2014 (Cont'd)

994	OCCUPANT UNKNOWN,
996	OCCUPANT UNKNOWN,
999	ALOHA PETROLEUM LTD
1026	CHANG, GLENN W
1028	KALOI, LAWRENCE
1034	CARDINES, PATRICK J
1044	KALOI, MYRLEEN K
1052	EARWOOD, LEE K
1064	MEYER, MILDRED
1070	SIMEONA, KIMI
1098	KJAMOO, BENIJO
1120	OCCUPANT UNKNOWN,
1126	OCCUPANT UNKNOWN,
1162	OCCUPANT UNKNOWN,
1182	KAAPANA, KEMOMI
1188	TRIPP, BRIDGET W
1202	HOKE, MIKE
1216	KEMA, NORMAN M
1238	MASUNO, CHELSEA K
1246	TIRRELL, THYRON
1258	HENDERSON, RUSSELL
1262	SHIMAOKA, ROLAND L
1268	JOHN, JR
1272	SILVA, DAMIEN B
1300	CANN, ERNEST K
1303	BENITEZ, GWENDOLYN J
	CAMEROS, LEANNA M
	EDWARDS, ELAINE L
	FULFORD, JODY
	HAWBLITZEL, ASA K
	MAKA, LUCKY M
	YOSHIMOTO, NORMAN M
1312	NAKASHIMA, LARRY H
1315	HOPE SERVICES HAWAII
1323	RAMOS, CHARLES T
1328	WAIPA, HARVEY
1330	WAIPA, LEO
1342	KELAU, KEALA K
1348	OCCUPANT UNKNOWN,
1362	TUAKALAU, JOHN M
1365	ALVES, JAVENNA
	DOUGLASS, SUSAN
	HEBERT, ERNEST E
	HENDERSON, MOLYNEAUX
	PUGLIESE, SUSAN L
	SOARES, WHITTNEY
	STONE, LEIPUPU
	WASSON, PAULA
1373	OCCUPANT UNKNOWN,
1384	OCCUPANT UNKNOWN,

KALANIANA'OLE AVE 2014 (Cont'd)

355	TEER, SANDRA R
	THOMPSON, HELEN G
	TOLER, VALERIE P
	VALDEZ, MICHAEL
	WAKAYAMA, CARL Y
	WILLIAMS, STEVEN D
	YAMAMOTO, MELVIN
425	POWER STORAGE HILO
447	BIG ISLAND POWER SPORTS
	HAWAII KAR CARE
	ISLAND DISCOUNT RENTALS
	KANDY KUSTOMS AUTO DETAILING & CUSTO
	NSM BULLY ALLIANCE LLC
	PACIFIC ISLAND FLOORS
452	HAWAII COFFEE COMPANY
	LION COFFEE
	PARADISE BEVERAGES
	ROYAL KONA COFFEE
	SUPERIOR COFFEE HAWAII
456	A & B FLEET SERVICES BIG ISLAND
	HARPER CAR & TRUCK RENTAL
	KUWAYE TRUCKING INC
500	CREATIVE ARTS HAWAII
	GOODWILL
	HAWAII PAPER PRODUCTS INC
	KA UMEKE KAO PCS
	MOTOROLA AUTHORIZED SERVICE CENTER
	MOTOROLA AUTHORIZED SERVICE CENTER &
	MOTOROLA AUTHORIZED SERVICE STATION
	PACIFIC WIRELESS COMMUNICATIONS LLC
506	GIUSTI, VICTORIA
525	GASPRO
	HAWAII GAS THE CLEAN ENERGY COMPANY
555	A & A STORAGE LLC
	A&A STORAGE CO
	ALOHA AUTO GLASS
	NONI BIOTECH INTERNATIONAL
600	ISEMOTO CONTRACTING CO LTD
607	TESORO HAWAII CORPORATION
	TESORO HAWAIIHILO TERMINAL
612	R & G TIRE CENTER
661	ALOHA PETROLEUM
666	CHEVRON
934	YUNG, AH L
945	HAWAII GAS
	HAWAII GAS THE CLEAN ENERGY COMPANY
	THE GAS COMPANY
970	PUNG, ALBERT E
980	LEIALOHA, KAHOOULULU
990	BALDADO, ROBERT G

KALANIANA'OLE AVE 2014 (Cont'd)

1911 BENNETT, GREGORY W
 BOWDEN, ARTHUR L
 BROWN, NATHAN T
 CHAI, ALDEN H
 DEMERITT, STEVE R
 DILLON, ALLEN
 ERDOGAN, SEVKI S
 GOLTZ, THOMAS A
 HAJEK, MILOS
 HUTCHINS, JIMMY
 JOHNSON, KARL W
 KURIKAMI, TOMIO
 LAUER, REX W
 LINDAMOOD, MARILYN S
 MCCANN, CODY J
 MELLON, JAMES P
 PITTS, TRACI R
 RICKARD, FRANCIS D
 RUETTINGER, WAYNE D
 SCULLARY, PATRICIA A
 WELLS, MARILYN J
 BAUTISTA, JUSTINO A
 OCCUPANT UNKNOWN,
 1931 OCCUPANT UNKNOWN,
 HOPKINS, WILLIAM R
 1941 MCCULLY, JAMES W
 1953 EDWARDS, ROBIN A
 1965 JACUNSKI, STEVEN J
 1970 UGARTE, JOEY
 1979 NORDLING, MARY K
 1983 DEETMAN, LOUIS J
 1985 GEOLLETTE, NG
 1988 NELSON, THOMAS A
 1994 BUCHTA, STEFAN A
 1995 LILLY, GLEN A
 1999 PLACK, ANDREW R
 2004 MOODY, DON R
 2018 CALVERT, DOUGLAS
 LEASURE, HILLARY
 WARD, LIZZY
 2028 GIROUX, FRANKLIN H
 2038 OCCUPANT UNKNOWN,
 2045 OCCUPANT UNKNOWN,
 2048 COOPER, LEO
 2056 PULLIAM, DEVIN A
 2061 SULLA, PAUL J ATTORNEY AT LAW
 2062 HEICK, JAMES T
 2070 BALDWIN, LESTER N
 2084 KANETAKE, WESLEY T

KALANIANA'OLE AVE 2014 (Cont'd)

1392 OCCUPANT UNKNOWN,
 1408 AWAI, RAE L
 1477 FEYRER, CANDY M
 HILO GARDEN MART LLC
 HILO HOMEMADE ICE CREAMCAFE
 EDITH KANAKAOLE FOUNDATION INC
 1693 OCCUPANT UNKNOWN,
 1790 SEASIDE RESTAURANT THE
 1816 BETTENCOURT, GEORGE A
 1846 AHIA, CHAD L
 1868 KENNEDY, CHARLES L
 1875 AMES, HAROLD T
 AOKI, KENTARO
 ARNDT, SHERRY W
 BARBOZA, RONALD
 BETTENCOURT, CYNTHIA
 BROADBENT, BRIAN
 BROWN, MICHAEL P
 CHO, MARION S
 CONNER, JULIA B
 DAIMONJI, HERBERT S
 DAVIS, ROBERT H
 DYC, DAVID A
 ELCOCK, ROBIN W
 ELLENSTEIN, MARY
 ERVIN, JOHN A
 EYNON, GAIL
 FLAGEY, NICOLAS
 HECOMOVICH, FRANCIS M
 HIGA, JOANNA R
 JAFFE, RONALD L
 LARSON, MARY B
 LIM, ANTHONY
 LOKEY, CONNIE E
 MAUNA, SHORES
 MILHOLIN, MATTHEW W
 NAKAO, ISAMU N
 OGAWA, ALAN I
 OKADA, SHOICHIRO
 OLCHEFSKI, JOHN
 ROBERTSON, LF
 SAPLAN, AUDREY B
 VALERA, JARVIS T
 WELCH, INGRID
 WILSON, SARAH
 YUSKIS, MICHAEL J
 OCCUPANT UNKNOWN,
 1889 GOTO, DEAN K
 1896 MAUREENS BED & BREAKFAST
 JACKSON, KENNETH W
 1906

KALANIANA'OLE AVE 2014 (Cont'd)

2405 TERAOKA, TETSUO Y
 VARNER, CHARLES N
 WOOD, VERNE A
 WYBAN, JAMES A
 OCCUPANT UNKNOWN.

2417 OCCUPANT UNKNOWN.

KALANIANA'OLE AVE 2014 (Cont'd)

2125 TWIGG, SMITH T
 2130 HARADA, NORIO R
 2135 OCCUPANT UNKNOWN.
 2140 SUTTER, CORI N
 2150 LAI, MERLE K
 2160 DOLLNIG, RICHARD D
 2180 BAEHR, JOHN M
 2226 OCCUPANT UNKNOWN.
 2232 COOPER, LEA C
 2250 OCCUPANT UNKNOWN.
 2276 OCCUPANT UNKNOWN.
 2284 SAIKI, DONNA W
 2296 SAMMOND, WILLIAM H
 2306 LEE, SAMUEL P
 2322 HING, GREGORY H
 2336 OCCUPANT UNKNOWN.
 2352 OCCUPANT UNKNOWN.
 2356 CASE, JEFFERY H
 2379 TEVES, CHRIS N
 2380 WAI'AU, CORNELIA
 2385 NISHIZAKI, NORMAN
 2390 HEWITT, GEORGE J
 2401 OCCUPANT UNKNOWN.
 2405 ABLE, RACHEL
 BOTHOF, DELWIN L
 BRUGMAN, PAUL A
 CARTER, WILLIAM H
 CERRA, NICK
 CONROY, JAY F
 DONENFELD, MICHAEL J
 EDWARDS, HARRY K
 FUKA, LOUIS R
 GEIB, SCOTT M
 HALE KAHAKAI ASSN
 HALE, KAHAKAI
 HOTNIANSKY, GEORGE
 KATHY, KATHY L
 KEYGHOBAD, MIKE M
 LARSEN, EM
 LYLES, JEROME A
 MATSUO, KITE
 MERRILL, GEORGIA L
 MEYER, FRED
 NISHIMURA, TETSUO
 O'BRIEN, SALLY K
 PAASCH, PAMELA J
 POST, VERNA M
 RIZZO, CHRIS M
 SMITH, L
 SMITH, ROSALIND B

KALANIANA'OLE AVE 2010

18	TELLIO, ALFRED
21	ALBATROSOV ALBERT MD CARE HAWAII
76	BAY LIGHTING & DESIGN
94	MILLIES DELI & SNACK SHOP
96	NEW SAIGON RESTAURANT
181	JOHNSON, JOSEPHINE
193	SACHAROV, MARIA L
311	BANAL DONNA A BAY CLINIC
	BROWN RALPH MD
	BALSLEY, BARRY L
355	BOOCHANGKOO, ANN CRICHTON, TERRY L DAVIS, VICKI
	ESTOCADO, DANNY
	FORSYTHE, GUSTAVE D
	GILLETTE, HELEN A
	HARA, ALAN R
	ISHII, PATRICIA R
	KAMAI, RANDY
	KRIEGER, BOB A
	MANNING, WAYNE E
	MARTIN, STANLEY J
	MAUNA KEA MEDICAL SVC
	MIZUIRE, HOWARD M
	MONTGOMERY, KALANI
	MOORE, VERA M
	MUDRICK, RANCHA
	NEELY, REMIDIOS
	ORCHID MANOR CONDO ASSN
	ORNELLAS, TEHANE C
	PACHECO, CAROLINE
	PALAU, GINELLE
	PARESA, CELESTE L
	PEREZ, FRANCIS
	PERREIRA, SHIRLEY C
	REIS, ROBERT
	SHANTI, MARI A
	SIMONS, CHRISTOL
	SMITH, ALBERT
	SOOSMAN, SHELDON
	TANOUE, CHANDRA
	TEER, DORIS Y
	WILKERSON, KELLY J
	WILLIAMS, ZACHARY J
	YAMAMOTO, MELVIN
	YAMAOKA, ROXY
425	POWER STORAGE HILO

KUHIO ST 2014

16	DAQUILLA, REGINA
27	TSR
29	UNITED STATES GOVERNMENT
60	CHRISTOPHER RANCH CONENS FREIGHT TRANSPORT HAWAIIAN OCEAN TRANSPORT INC
	J & J LUCAS REPAIR SHOP
80	STATE OF HAWAII GOVERNMENT
85	BACHMAN, RONCLED
99	YOUNG BROTHERS

KALANI'AOLE AVE 2010 (Cont'd)

1238	MASUNO, CHELSEA K
1246	TIRRELL, THYRON
1258	OCCUPANT UNKNOWN,
1262	SHIMAOKA, ROLAND L
1268	JOHN, JR
1272	SILVA, JENNIE K
1300	CANN, ERNEST K
1303	CAMACHO, A
	FULFORD, JODY
	MAKA, LUCKY M
	YOSHIMOTO, NORMAN M
1312	NAKASHIMA, ALBERT
1323	ALTERATION & CREATION
	BENSON, HELEN
1328	WAIPA, MAUREEN
1330	WAIPA, MILTON M
1342	OCCUPANT UNKNOWN,
1348	OCCUPANT UNKNOWN,
1362	TUAKALAU, SIONE
1365	ALVES, JAVENNA
	CHENEY, JAMES D
	DOOLEY, A
	HEBERT, JOE
	KONOREVA, EVGENI A
	MORRISON, BETH
	STONE, LEIPUPU
	WIN, SOE
1373	OCCUPANT UNKNOWN,
1384	OCCUPANT UNKNOWN,
1392	IOPA, PAUL K
1426	PAKALE, LEIMOMI
1477	HILO HOMEMADE ICE CREAM CAFE
	HILO TROPICAL MART
	EDITH KANAKAOLE FOUNDATION INC
1500	KE ANA LAAHANA
1790	SEASIDE RESTAURANT
1816	BETTENCOURT, GEORGE A
1846	AHIA, CINDY R
1868	KENNEDY, CHARLES L
1875	ABLANALP, LAUREN
	ARNDT, SHERRY W
	BLANCHARD, WILLIAM W
	BORGESON, EILEEN
	BROADBENT, BRIAN
	CANN, STANLEY W
	CHO, DAVID Y
	DAIMONJI, HERBERT S
	DAVIS, ROBERT H
	DEFRANCISCO, ALBERT A
	DYC, DAVID J

KALANI'AOLE AVE 2010 (Cont'd)

447	PACIFIC ISLAND FLOORS
452	LION COFFEE
	PARADISE BEVERAGES
	ROYAL KONA COFFEE
	SUPERIOR COFFEE HAWAII
456	A & B FLEET SVC BIG ISLAND
	HARPER CAR & TRUCK RENTALS
	KUWAYE TRUCKING INC
	PSC INDUSTRIAL SVC GROUP
471	KAMA'AINA MOTORS
500	CREATIVE ARTS HAWAII
	GOODWILL
	HAWAII PAPER PRODUCTS INC
	MOTOROLA INC
	PACIFIC WIRELESS COMMS LLC
	TEXS SMALL ENGINE REPAIR
525	AIRGAS GASPRO
555	A & A STORAGE CO
	ALOHA AUTO GLASS
	OCEAN FRONT KITCHEN LLC
	OCCUPANT UNKNOWN,
595	TESORO
607	R & G TIRE CTR INC
612	EQUILON ENTERPRISES LLC
661	CHEVRON HAWAII
666	WHITE CAP CONSTRUCTION SUPPLY
750	PCT
888	YUNG, BENEDICT A
934	GAS CO
945	PUNG, ELOISE E
970	HOUGH, JAMES K
980	OCCUPANT UNKNOWN,
990	OCCUPANT UNKNOWN,
994	OCCUPANT UNKNOWN,
996	OCCUPANT UNKNOWN,
999	ALOHA PETROLEUM LTD
1026	HILDBRAND, ROCHELLE
1028	KEOPUHIWA, ALISA L
1034	CARDINES, PATRICK J
1052	EARWOOD, MALIA
1064	MEYER, MILDRED
1070	SIMEONA, KIMI
1098	OCCUPANT UNKNOWN,
1108	DELIMA, WALTER
1120	OCCUPANT UNKNOWN,
1126	KALUA, ROGER I
1162	AWANA, DAVID
1182	KAAPANA, KEMOMI
1188	TRIPP, BRIDGET W
1216	KEMA, NORMAN M
1228	OCCUPANT UNKNOWN,

KALANIANA'OLE AVE 2010 (Cont'd)

1875 ELCOCK, ROBIN W
 ERVIN, JOHN A
 FERWERDA, RONALD
 FURULI, JARED D
 FURUSAWA, HISANORI
 GIUSTI, VICTORIA E
 GODOY, RENEE D
 HECOMOVICH, FRANK
 JAFFE, RONALD L
 JORDAN, BUCK
 KENNEDY, JODI C
 LYONS, KITTY
 MACCALLA, EILEEN M
 MAPLE, CONNIE J
 MASON, ELVIE K
 MAUNA LOA SHORES
 MAUNA, LOA
 MCVICKAR, JOHN T
 MEDERIOS, BRITTNY
 NAKAO, ISAMU
 OKADA, SHOICHIRO
 OTT, F
 PERREIRA, CHOO LARB W
 PUGLIESE, SUSAN L
 RICE, JANET E
 SAKMAR, PATRICIA M
 SAPLAN, AUDREY B
 STEFFANY, DANIELLE
 TETER, MARY
 UEKI, JASON B
 UHEHARA, CHERYLE
 USUREN, CARLOS C
 WEIR, WILLIAM P
 WILSON, MARY E
 WRIGHT, LEINORA P
 UNEBASAMI, BILLY C
 GOTO, MAUREEN K
 MAUREENS BED & BREAKFAST
 BENNETT, GREGORY W
 BLACK, JOHN W
 CHAI, ALDEN H
 CHOI, KWAN S
 ESERA, JAMESIE
 HAJEK, MILOSI
 HERNLUND, MARY A
 HUTCHINS, JIMMI S
 JOHNSON, KARL W
 JONES, JAY A
 KURIKAMI, TOMIO
 LAUER, NANCY C

KALANIANA'OLE AVE 2010 (Cont'd)

1911 LINDAMOOD, MARILYN S
 LUKENS, CLARKE
 MOE, LEILANI
 PEXA, LEO
 QUINLAN, PATRICK J
 RICKARD, FRANCIS D
 SABATE, RACHAEL
 SCULLARY, PATRICIA A
 BAUTISTA, VICTOR C
 OCCUPANT UNKNOWN,
 A HILO OCEANFRONT B & B
 COLTON, BRIENNE S
 OCCUPANT UNKNOWN,
 ILAGAN, GLORIA
 EDWARDS, ROBIN
 JACUNSKI, STEVEN J
 COOK, PILLANI
 OCCUPANT UNKNOWN,
 DEETMAN, LOUIS J
 NELSON, THOMAS A
 TOMAKI, SHOKO
 LILLY, GLEN A
 PLACK, ANNE R
 MOODY, DON R
 LEASURE, HILLARY
 OCCUPANT UNKNOWN,
 GIROUX, FRANKLIN H
 CHEMICAL SAFETY ASSOC
 DOUGHTY, CHARLES P
 OCCUPANT UNKNOWN,
 OCCUPANT UNKNOWN,
 PAUL, J
 AUSMAN, ROBERT
 BALDWIN, LESTER N
 KANETAKE, WESLEY T
 HARADA, NORIO R
 TWIGG, SMITH S
 TALLETT, PAUL N
 LAI, MERLE K
 DOLLNIG, RICHARD D
 BAEHR, JOHN M
 OCCUPANT UNKNOWN,
 OCCUPANT UNKNOWN,
 YARBERRY, BURL
 SAIKI, DONNA W
 ANTHONY, TOM R
 HING, GREGORY K
 HILO HAWAII VACATION RENTALS
 OCCUPANT UNKNOWN,
 RICHARDSON OCEAN PARK

KUHIO ST 2010

5 COLDWELL BANKER
 27 US CUSTOMS
 29 US COAST GUARD CUTTER
 US COAST GUARD RESERVE
 60 AFTERMATH PAINTING INC
 CHRISTOPHER RANCH
 CONENS FREIGHT TRANSPORT
 HAWAIIAN OCEAN TRANSPORT INC
 HERBS HERBS INC
 80 HARBOR DIVISION
 85 BACHMAN, RONCLEED
 90 PASHA GROUP
 99 YOUNG BROTHERS

KALANIANA'OLE AVE 2010 (Cont'd)

2349 SWIMMING POOL
 2352 TWIGG-SMITH, JAMES A
 2356 CASE, JEFFERY H
 2379 OCCUPANT UNKNOWN,
 2385 NISHIZAKI, MILDRED M
 2390 HEWITT, RUSSELL K
 2401 OCCUPANT UNKNOWN,
 2405 ABLE, RACHEL
 ADLER, CHERYL M
 BARTHOLOME, C J
 BLIND, MONA
 BORNE, JUDITH T
 BOTHOF, DELWIN L
 BRUGMAN, PAUL A
 BURBA, ROBERT M
 CERRA, ROSS
 COMSTOCK, ED J
 DENNIS, NELSON
 DYE, CELESTE A
 EDWARDS, HARRY K
 FUKA, LOUIS R
 HALE KAHAKAI ASSN
 HALE, KAHAKAI
 HOTNIANSKY, LUCILLE
 ISOTANI, TAKUMI
 KAPLAN, ROBERT W
 KEYGHOBAD, MIKE M
 LARSEN, EDITH M
 LYLES, JEROME A
 MAPES, KENNETH A
 MIYAZAKI, SATOSHI
 NAKKIM, LYNN
 NEAL, JOHN
 NISHIMURA, TETSUO
 NOTTINGHAM, WALTER G
 POST, VERNA M
 RIZZO, GARY T
 RUBENFELD, LESTER A
 SCHOCKER, ROBERT A
 SCHWANKE, ED A
 SMITH, L
 SMITH, MURRAY C
 STERNBERG, BURDET
 TERAOKA, TETSUO Y
 VARNER, CHARLES N
 WOOD, VERNE A
 2417 OCCUPANT UNKNOWN,

KALANIANA'OLE AVE 2005 (Cont'd)

447	PACIFIC ISLAND FLOORS	
452	PARADISE BEVERAGES	
456	BATS INC	
	HARPER CAR & TRUCK RENTALS	
	PACIFIC MACHINERY	
	THEO H DAVIES	
471	ISLAND IMPORT CAR CO	
500	CONENS FREIGHT TRANSPORT	
	CREATIVE ARTS HAWAII	
	GOODWILL INDUSTRIES	
	PACIFIC WIRELESS INC	
	R & G TIRE CENTER INC	
	RJL DEVELOPMENT LLC	
	TEXS SMALL ENGINE REPAIR	
525	BOC GROUP INC A DELAWAR CORP	
	GASPRO	
555	A & A STORAGE CO	
	ALOHA AUTO GLASS	
	NORRIS, BRENT F	
	UNOCAL	
607	EQUILON ENTERPRISES LLC	
661	CHEVRON USA	
666	TESORO HAWAII CORP	
700	CLAYTON, JACK M	
701	CONOCOPHILLIPS	
	MID PAC PETROLEUM LLC	
	TOSCO CORP	
750	NEWCO ACQUISITION CO LTD	
934	YUNG, AHL	
945	GAS CO THE	
980	HOUGH, JAMES K	
996	KANAKAOLE, LUKA	
1010	BUECKERS, MELODIE K	
1034	CERF, WANDA E	
1044	OCCUPANT UNKNOWN,	
1064	AWAI, MELISSA	
1108	DELIMA, WALTER	
1120	NELSON, GEORGE	
1126	KALUA, ROGER I	
1162	AWANA, DAVID	
1188	TRIPP, BRIDGET W	
1202	OILI, J	
1216	KEMA, NORMAN M	
1238	MAGUNO, CHELSEA K	
1246	ROSS, J M	
1262	SHIMAOKA, ROLAND	
1268	JOHN, MICHAEL M	
1272	SILVA, ELKE	
1300	CANN, ERNEST K	
1303	APANA, ROBIN W	

KALANIANA'OLE AVE 2005

18	TELLIO, ALFRED	
21	CENTRAL PACIFIC INC	
	CENTRAL PACIFIC YOUTH ATHC CLB	
	EXTREME IMAGE INC	
76	92 KALANIANA'OLE LLC	
	BAY LIGHTING AND DESIGN	
92	DIS N DAT	
135	HARRINGTONS	
181	IKEDA, HERBERT T	
193	BORING, B	
311	BAY CLINIC	
	GLEN SWARTWOUT	
355	HUI MALAMA OLA NA OIWI	
	ANDERSON, JIM	
	BALSLEY, BARRY L	
	BEARDEN, TERRY	
	BONA, ALBERT	
	BRADY, JAMES W	
	DAVIS, VICKI	
	DUKE, M	
	DUTRO, PAMELA A	
	EYNOVEJAS, J	
	FAY Y NAYKO REALTY INC	
	HANNAN, BILLIE	
	HARA, ALAN R	
	HARVAT, JEANNETTE K	
	JACKSON, NORMAN C	
	KOWALSKI, MARTIN N	
	KRIEGER, BOB A	
	LEVIN, STEPHEN A	
	MANNING, WAYNE E	
	MAUNA KEA MEDICAL SERVICES INC	
	MONTGOMERY, ROBERT	
	MOORE, VERA M	
	MORIKAMI, LAVERNE	
	MUKAI, TAMMY	
	NAIHE, PAUL F	
	OPULENTO, SAIYONG B	
	PALAU, G	
	PARKES, I	
	PERREIRA, KELLY D	
	REIS, BECKY	
	STENDER, JOSEPH	
	SUNAGAWA, KEIJI	
	THORSEN, MARY K	
	WALLIN, JOAN E	
	WALTER, LAURA	
425	POWER STORAGE HILO	
	U HAUL	
447	BLYTH PROPERTIES INC	

KALANIANA'OLE AVE 2005 (Cont'd)

1875 FURUSAWA, HISANORI
 GABRIEL, GIGI F
 GALLAGHER, CHARLES
 HECOMOVICH, FRANK
 HEWITT, PAUL G
 JAFFE, RONALD L
 JOHNSON, ANN
 KANAMOTO, MINEKO
 KEALA, RENWICK K
 KEAULANA, CHARLENE K
 KRUPPA, LOIS
 LARSON, MARY B
 LAW, JEFF T
 LOOMIS, THOMAS J
 MACCALLA, EILEEN M
 MARTIN, ROSS G
 MASON, CATHERINE S
 MATSUNAGA, CHIKAKO
 MAUNA, LOA
 MCCULLOUGH, MAYAPPLE
 MOJICA, RENEE A
 MURRAY, LARRY
 NYSTROM, MOVIS E
 OKADA, SHOICHIRO
 OTT, WOODY
 PAYN, JOHN J
 PERREIRA, GILBERT S
 REYNOLDS, NEWTON
 RICE, CLARYS
 RICHARDS, LOUIS K
 ROBERTSON, L F
 SAKAMOTO, KAZUSHI
 SAKMAR, PATRICIA M
 SAPLAN, AUDREY B
 SHIRAKATA, ATAE
 SPAUR, JEFFREY J
 SPICER, GREGORY M
 STEFFANY, URSULA Z
 TAYLOR, ERICK D
 TETER, MASON E
 TM COMPUTERS
 UHEHARA, C
 VANTREASE, HOWARD N
 USUREN, CARLOS C
 WILLIAMS, HAROLD
 WILSON, GLENN A
 YODA, SASAGY
 ZAUDER, KARL
 UNEBASAMI, BILLY C
 GOTO, MAUREEN K

1889
 1896

KALANIANA'OLE AVE 2005 (Cont'd)

1303 FULFORD, JODY
 NAVOR, MICHELLE
 YOSHIMOTO, NORMAN M
 NAKASHIMA, LAUREN A
 1323 VANBROOK, P
 1330 WAIPA, MILTON M
 1342 KELAU, BERNICE L
 1348 KAILANU, TANIA M
 1362 TUAKALAU, SIONE
 1365 ADAMS, LE G
 CHENEY, JAMES D
 DAWKINS, WHEELER
 HARVEY, TIMOTHY
 HASHIMOTO, ADA D
 JENKINS, P
 KALUNA, KEVIN G
 KAPLAN, ANDREA
 MCKEE, JEFF
 MILES, JOYCE C
 NI, YINGWEI
 SHIPE, THERESA M
 OCCUPANT UNKNOWN,
 1384 OCCUPANT UNKNOWN,
 1392 IOPA, PAUL
 1426 PAKALE, LEIMOMI
 1477 HILO TROPICAL MART
 HILO, TROPICAL
 KANAKAOLE FOUNDATION
 1500 KE ANA LA AHANA
 KE ANA LA AHANA PUBLIC CHARTER
 KE, ANA
 1650 FUN FISHING HAWAII LLC
 1790 THE SEASIDE RESTAURANT AND AQUA FAR
 1816 OCCUPANT UNKNOWN,
 1846 AHIA, NELSON L
 1860 KENNEDY, CHARLES C
 1875 ABARCA, THORA O
 ABPLANALP, LAUREN
 AMAGASU, SATORU
 BEGNER, MINA
 CHO, DAVID Y
 CHUNG, MALCOM K
 DAIMONJI, HERBERT S
 DIAS, AL P
 DOYLE, JOHN
 DRURY, DAVID
 FANO, DENNIS
 FERWERDA, RONALD
 FOSSE, JENNIFER
 FURTADO, BERNADETTE

KALANIANA'OLE AVE 2005 (Cont'd)

2045 CAMERON, MONA
 2048 OCCUPANT UNKNOWN,
 2061 RANDALL, GERALDINE M
 2062 HEICK, JAMES T
 2084 KANETAKE, WESLEY T
 2122 RUBENFELD, LESTER
 2125 TWIGG, SMITH T
 2130 HARADA, NORIO R
 2135 TWIGG, SOPHIE
 2140 TALLETT, PAUL N
 2150 LAI, MERLE K
 2160 DOLLNIG, RICHARD D
 2180 COLLINS, MARK
 2232 SARUBBI, JO A
 2250 YARBERRY, BURL
 2276 SAIKI, RUPERT
 2284 SAIKI, RONALD F
 2296 WRIGHT, CURTISS B
 2306 ANTHONY, TOM R
 2322 GALLAGHER, DAVE M
 2352 DUARTE, WILLIAM J
 2356 CASE, JEFFERY H
 2368 OCCUPANT UNKNOWN,
 2379 TEVES, CHRIS
 2380 CALVERT, G
 2385 NISHIZAKI, MILDRED M
 2390 OCCUPANT UNKNOWN,
 2401 OCCUPANT UNKNOWN,
 2405 ASSOCS APT ONRS HALE KAHAKAI
 BATH, DOUGLAS
 COBB, JIM H
 CONROY, JAY F
 CROSSMAN, JOHN
 DONENFELD, MICHAEL
 DYE, CELESTE A
 EDWARDS, ROBIN A
 FISHER, ROBERT S
 GERSTING, JOHN A
 HAJEK, GARRY
 HALE KAHAKAI ASSN
 HARBERTS, CATHERINE
 HOTNIAISKY, LUCILLE
 ISOTANI, TAKUMI
 KAPLAN, ROBERT W
 LARSEN, ANTON J
 LYLES, JEROME
 MATSUO, HARRY M
 MCLEMORE, DONALD A
 MIYAZAKI, SATOSHI
 NISHIMURA, TETSUO

KALANIANA'OLE AVE 2005 (Cont'd)

1896 MAUREENS BED AND BREAKFAST
 1911 BANSEER, MARY C
 BANSEER, O
 BELCHER, ROBERT W
 BENNETT, DEBORAH L
 BOGUMIL, JOHN S
 BOWDEN, LEE
 BRAHE, JAMES
 BUNNEL, LAURA
 CHAI, ALDEN H
 DAAK, MIKE
 ELLIS, PAULINE D
 GRIM, KATHARINE C
 HAJEK, MILOS I
 HERNLUND, MARY A
 HUTCHINS, SUZANNE
 HYKES, ROBERT L
 JOHNSON, KARL
 LUKENS, CLARK E
 MASON, CURTIS
 MELLON, JAMES P
 MOLSTAD, NEILE
 MOTOKI, SHINKO
 PETERS, ARRIEL T
 RICHARDS, CARLE
 RICHARD, FRANCIS
 SCHNEIDER, RANDY
 SCULLARY, JAMES F
 SHANTI, MARI
 SOKHAM, PAPHASSONE
 TIFFANY, RENEE A
 WALKER, SHARON S
 WOLFE, PATRICIA
 YOKOYAMA, FREDERICK N
 BAUTISTA, VICTOR C
 CANN, STANLEY W
 BRITTAIN JACQUELINE PHD
 1931 OCCUPANT UNKNOWN,
 1932 OCCUPANT UNKNOWN,
 1941 OLIVER, PATRICIA S
 1953 DROSTE, HOWARD M
 1965 OCCUPANT UNKNOWN,
 1970 COOK, PILLANI
 1979 MORAN, KELLY C
 1983 DEETMAN, FRED L
 1988 NELSON, THOMAS A
 1995 LILLY, GLEN A
 2004 MOODY, DON R
 2028 GIROUX, FRANKLIN H
 2038 OCCUPANT UNKNOWN,

KALANIANA'OLE AVE 2005 (Cont'd)

2405 NOTTINGHAM, WALTER G
OLIVER, GEORGE D
PAYNE, RUTH
REESE, RICHARD D
RUHLAND, GARY
SCHOCKER, ROBERT A
SMITH, ROSALIND B
STANLEY, TIGER
STERNBERG, BURDET
TANAKA, WATARU
THOMSON, REX
WAMBAUGH, FRANZ L
WHITE, KERWIN K
OCCUPANT UNKNOWN.
2417

KUHIO ST 2005

60 AFTERMATH PAINTING INC
90 HAWAII STEVEDORES INC
99 YOUNG BROTHERS
100 MATSON NAVIGATION CO
111 HAWAIIAN JEWELRY STORE INC

KALANIANA'OLE AVE 2000 (Cont'd)

666	DOOLEY COMMERCIAL TIRE OF HAWAII
	HONOLULU SHIPYARD INCORPORATED
701	BHP HAWAII TERMINALS
	OCCUPANT UNKNOWN,
750	WIRE PRODUCTS OF HAWAII INCORPORATED
928	MAUGA, RUSSELL
934	YUNG, AHL
945	BHP HAWAII INCORPORATED BHP GAS COMPANY GASCO INCORPORATED
970	PUNG, ELOISE E
996	KAKAOKALE, LUKA
999	TEXACO REFINING AND MARKETING INCORPORATED
1010	OCCUPANT UNKNOWN,
1064	AWAI, GREGORY
1120	NELSON, GEORGE
1126	KALUA, ROGER
1182	FEARY, ISIAH
1188	AKI, MARCIA K
	TRIPP, BRIDGET
1202	OCCUPANT UNKNOWN,
1216	KEMA, NORMAN
1228	OCCUPANT UNKNOWN,
1238	OCCUPANT UNKNOWN,
1246	OILI, B
1258	HENDERSON, MOSES
1262	SHIMAOKA, ROLAND
1268	JOHN, LOUISE K
1283	ANAKALEAS BAKERY
	OCCUPANT UNKNOWN,
	PUHI BAY BEACH STORE
1300	CANN, ERNEST
1303	NAVOR, M
	TYRA, P
	YOSHIMOTO, NORMAN
1315	AHMADIA & LEE LOY ATTORNEYS AT LAW
1323	GARCIA, MICHAEL
1328	WAIPA, U
1330	OCCUPANT UNKNOWN,
1342	OCCUPANT UNKNOWN,
1348	KAILIANU, M
1362	TUAKALAU, S
1365	BARNARD, HOLLY R
	CHENEY, JAMES
	HAO, JOSEPH K
	JENKINS, P
	KALUNA, KEVIN
	KIYABU, BRIAN K
	LIPPERT, JASON
	MORELAND, CRYSTAL K
	REISS, GERALD
1373	OCCUPANT UNKNOWN,

KALANIANA'OLE AVE 2000

21	HAWAIIAN ALLIANCE MOTORCYCLE OPTIONS
	HAWAIIAN HARDWOODS & FURNITURE
	WEST COAST MARTIAL ARTS
92	EBISUZAKI FISHING SUPPLY
94	ORCHID ISLE HAULING & RENTALS
	NAKAMOTO CONCRETE & MASONRY
	SHINWA REALTY
96	KIKU RESTAURANT
135	HARRINGTONS
181	OCCUPANT UNKNOWN,
	PRIMERICA FINANCIAL SERVICES
193	BORING, B
311	BAY CLINIC
	HOOLA O LOMILOMI LAPAAU CLINIC & ACADEMY
	HUI MALAMA OLA NA OIWI HILO OFFICE
335	OGAWA, ALAN I
355	BIG ISLAND MINI MART
	OCCUPANT UNKNOWN,
	ORCHID MANOR CONDOMINIUM ASSOCIATION
	TACO TIOS
399	AMERICAN RENT A FENCE
447	BIG ISLAND ORTHOPEDIC SERVICES
	PACIFIC ISLAND FLOORS
452	PACIFIC ISLAND ROOFING SUPPLY
	MISSION BEVERAGES OF HAWAII
	PARADISE BEVERAGES
456	CATERPILLAR DEALER
	PACIFIC MACHINERY INCORPORATED HILO SALES DEPARTMENT
471	KENNY KING CYCLES & THINGS
	KINGS HIDEAWAY CAFE
	T & K MOTORCYCLES INCORPORATED
500	A & A HAWAII INCORPORATED
	BIG ISLAND CANDIES INCORPORATED ADMINISTRATION
	BIG ISLAND CANDIES INCORPORATED RETAIL
	CREATIVE ARTS HAWAII HILO
	GOODYEAR TIRE & AUTO CENTER MOTOR SUPPLY
	HAWAII MARINE SYSTEMS II
	LETS PARTY
	MOTOR SUPPLY LIMITED
	SLB ENTERPRISES
	TEXS SMALL ENGINE REPAIR
525	GASPRO HOME HEALTH CARE
555	A & A STORAGE COMPANY
	BOOTS AUTO CLINIC
	JK & LK AUTO PAINTS & SUPPLIES
	U-HAUL COMPANY OF HAWAII
607	UNOCAL
661	SHELL OIL COMPANY
666	CHEVRON USA INCORPORATED
	COON, ALANA R

KALANIANA'OLE AVE 2000 (Cont'd)

1875 TETER, MASON
 TITUNIK, REGINA
 TRAGER, WILLIAM
 TSUNODA, KEVIN
 VANHOUTEN, WILLIAM R
 WILSON, BONARD
 OCCUPANT UNKNOWN,
 1878 UNEBASAMI, BILLY C
 1889 OCCUPANT UNKNOWN,
 1896 OCCUPANT UNKNOWN,
 1906 OCCUPANT UNKNOWN,
 1911 BANSEER, MARY C
 BELCHER, BOBBYE
 BERBELIS, P
 CRAWFORD, GRACE E
 DELP, ANGELA K
 GLASS, JAMES
 HAUANIO, K
 HERNLUND, M A
 HURT, ALAN
 HYKES, ROBERT L
 JOHNSON, KARL
 KETCHAM, EVIE
 KOGA, Y
 KURIKAMI, TOMIO
 LUKENS, CLARK
 LUNETTA, RICHARD
 RICHARDS, C E
 VILLARREAL, NICASIO
 WALL, JOHN E
 WINCHESTER, DAVID L
 YAEKO, K
 ZITNIK, L
 1915 LOPES, KEVIN J
 1922 CANN, STANLEY
 1931 ANDREWS, SCOTT
 1932 HOPKINS, WILLIAM R
 1941 COFF, M L
 1953 DROSTE, HOWARD M
 1965 OCCUPANT UNKNOWN,
 1970 COOK, T K
 1979 MORAN, KELLY C
 1983 DEETMAN, FRED
 1995 LILLY, GLEN
 1999 OCCUPANT UNKNOWN,
 2004 MOODY, DON
 2007 OCCUPANT UNKNOWN,
 2018 OCCUPANT UNKNOWN,
 2038 OCCUPANT UNKNOWN,
 2045 OCCUPANT UNKNOWN,
 2048 EVANS, BRYAN

KALANIANA'OLE AVE 2000 (Cont'd)

1392 OCCUPANT UNKNOWN,
 1408 MIRANDA, H K
 1426 OCCUPANT UNKNOWN,
 1477 BIG ISLAND TROPICAL GARDENS
 HILO HOMEMADE ICE CREAM RETAIL SHOP
 HILO TROPICAL MART
 MCKENNEE, K A
 1650 OCCUPANT UNKNOWN,
 1790 SEASIDE RESTAURANT THE
 1816 FERREIRA, FRANK
 1846 AHA, NELSON L
 1860 KENNEDY, CHARLES C
 1875 ARII, H
 ARNDT, SHERRY
 BLAU, JUDY
 CIASCA, JOSEPH
 DAIMONJI, HERBERT
 FIEST, BRENT
 GREY, BURL
 HEWITT PAUL
 HEWITT, PAUL
 HEYNE, TONYA R
 HILL, ROBERT
 HOFF, TONY
 HONG, B
 JAFFE, RONALD
 JAQUITH, ROBERT M
 KRUPPA, LOIS
 LAW, JEFF
 LOHNE, RUTH
 LOOMIS, THOMAS
 MACCALLA, EILEEN
 MACLACHLAN, B
 MARTIN, ROSS G
 MASON, C S
 MAUNA LOA SHORES EMPLOYEES
 MCCARTY, DORIS M
 MILLER, WALTER C
 NAKI, KEALOHA
 NYSTROM, M
 OTT, JACK
 PERREIRA, GILBERT
 REGO, ROBERT G
 RICHARDS, LOUIS K
 ROBERTSON, L F
 SAKMAR, P
 SHAH, PRAFUL
 SHIRAKATA, KUMIKO
 SMITH, DENISE M
 STEPP, LARRY

KALANIANA'OLE AVE 2000 (Cont'd)

2405 ROBB, THOMAS
 RUHLAND, LOUISE
 TERAOKA, TETSUO
 WAMBAUGH, FRANZ L

KALANIANA'OLE AVE 2000 (Cont'd)

2062 HEICK, JAMES
 2084 KANETAKE, WESLEY T
 2125 CAMERON, MONA
 2130 HARADA, NORIO
 2135 TWIGG-SMITH, SOPHIE
 2140 TALLETT, L M
 2150 LAI, MERLE
 2160 OCCUPANT UNKNOWN,
 2180 OCCUPANT UNKNOWN,
 2250 CLEVELAND, SARA J
 2256 BRANTLEY, J
 2276 SAIKI, RUPERT
 2284 SAIKI, RONALD
 2296 WRIGHT, CURTISS
 2306 ANTHONY, TOM
 2322 GALLAGHER, DAVE
 2336 OCCUPANT UNKNOWN,
 2349 COUNTY OF HAWAII PARKS & RECREATION
 2352 DUARTE, WILLIAM J
 2356 CASE, JEFFERY
 2368 OCCUPANT UNKNOWN,
 2379 OCCUPANT UNKNOWN,
 2380 CAYME, B Y
 2401 OCCUPANT UNKNOWN,
 2405 BELLMAN, JOHN V
 CARNROSS, DONALD E
 CHIASSON, BROOK
 COHEN, LARRY
 COONITZ, S J
 CROSSMAN, JOHN
 CUGENE, JOSEPH
 CULBERTSON, ELYANE
 DAISH, MICHAEL D
 GARCIA, ROBERT
 GEERING, GILBERT H
 GERSTING, JUDITH
 HALE KAHAKAI ASSOCIATION
 HARBERTS, J C
 HAWAII EMERGENCY PHYSS ASSND INCORPORATED EMPYES
 HENDERSON, JERE
 HOTNIANSKY, GEORGE
 LARSEN, ANTON J
 MACDONALD, PETER
 MACRES, P
 MERRILL, GEORGIA
 NISHIMURA, TETSUO
 NOTTINGHAM, W G
 OBRIEN, S K
 PAYNE, STANLEY L

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Cross Street

Source

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KUHIO ST 2000

29 UNITED STATES GOVERNMENT COAST GUARD
 60 BREWER ENVIRONMENTAL INDUSTRIES INCORPORATED A C BREWER COMP
 99 YOUNG BROTHERS AN HEI COMPANY HILO

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KALANIANAOLE AVE 1995

21 MAHONEY, EDWARD J
 TEVES REFRIGERATION & AIR INC
 88 TRIPP, BRIDGET
 EBISUZAKI FISHING SUPPLY
 92 ISLAND TOWING
 ORCHID ISLE HAULING & RENTALS
 94 HUKILAU CONSTRUCTION INC
 NAKAMOTO CONCRETE & MASONRY
 SHINWA REALTY
 96 GWENS RESTAURANT
 135 HARRINGTONS
 181 PRIMERICA FINANCIAL SVC
 191 OSORIO, ELROY
 193 BORING, B
 311 BAY CLINIC
 GLEN SWARTOUT OD
 HUI MALAMA OLA NA OIWI
 JACQUELINE CARSON
 SWARTWOUT, GLEN
 355 ALBARDO, RALPH
 ALLISON, JAMES
 ANDERSON, ROBERT
 AREKAKI, J
 ARUGA, TRACY
 BOX, FRANK E
 BRADY, JAMES W
 CAMPBELL, DONNA
 CHEN, FANG
 DINGLE, STEVE
 DORMAN, M A
 FEELY, F M
 HARA, ALAN
 HARVAT, FLORIAN
 HOSHO, T
 HUGHES, BRAD
 JACKSON, NORMAN C
 JS COFFEE SHOP
 KAUHI, HENRY E
 KOWALSKI, MARTIN N
 KRIEGER, ROBERT
 KUMAI, J
 LEY, LEROY J
 MCCLAIN, DEBORAH
 MCDONALD, D R
 MEHAU, M J
 MONTGOMERY, ROBERT
 MOORE, BOB
 MURPHY, DENNIS R
 ODO, RONALD
 ORCHID MANOR CONDO ASSN

KALANIANA'OLE AVE 1995 (Cont'd)

970	PUNG, ALBERT E
980	OCCUPANT UNKNOWN
996	KAKAOKOLE, LUKA
999	HAWAII PETROLEUM DISTRIBUTORS
1064	AWAI, MELISSA
1120	NELSON, GEORGE
1126	KALUA, ROGER
1182	FEARY, ISIAH
1188	AKI, MARCI
1228	BEST, B
1238	NABARRO, BRENDA
1246	OILI, B
1258	HENDERSON, MOSES JR
	KAUHI, HELEN U
1262	SHIMAOKA, ROLAND
1268	JOHN, LOUISE K
1272	OCCUPANT UNKNOWN
1283	AWILI STORE
1300	CANN, ERNEST
1303	KAIO, JOHN
	KALUHIWA, DOUGLAS
	KEO, DEANN
	KIA, ELLA
	TORRES, JERIME
	WILLIAMS, A
	YOSHIMOTO, NORMAN
1315	AHMADIA & LEE LOY
	GERARD D LEE LOY
	LEE, LOY G
1323	VANBROOK, P
1330	WAIPA, WENDY M
1342	KELAU, P
1348	KAILIANU, TANIA M
1365	AIORIA, CHARLES
	DACEY, MICHAEL
	DELUNA, LYNDELL
	DRISCOLL, JOHN
	FREITAS, R
	GOSS, GEORGE E
	HOLLINGSWORTH, K
	JEFFCOAT, MARCUS
	KAASE, DONALD
	KAUPU, RANDA L
	NAKABAYASHI, S
	PERREIRA, RANOLIN
	SMITH, TINA M
1373	OCCUPANT UNKNOWN
1392	IOPA, PAUL
1408	MIRANDA, H K
1426	PAKELE, L

KALANIANA'OLE AVE 1995 (Cont'd)

355	PERREIRA, SHIRLEY C
	REIS, BECKY
	RICE, YOUNG C
	SATO, LOIS
	STEVENS, GARY
	THORSEN, MARYF
	TOGASHI, DIRK N
	TULLOCH, WILLIAM
	TULLY, ROBERT
	UNE, CLIFTON S
	WALLIN, J
	WEEBER, F
	WILLI, D A
	YAMAOKA, NORMAN
399	AMERICAN FENCE CO
447	HILO PACIFIC ROOFING CO
	OCCUPANT UNKNOWN
452	PACIFIC ISLAND FLOORS
456	PARADISE BEVERAGES
	PACIFIC MACHINERY INC
500	A & A HAWAII INC
	A 1 AUTO BODY & REPAIR
	BIG ISLAND CANDIES INC
	CARPENTRY SHOP
	ENVIRONMENTAL RECYCLING HAWAII
	HAWAIIAN FERTILIZER SALES INC
	HILO AUTO WRECKING
	MOTOR SUPPLY LTD
	MOTOROLA COMMUNICATION & ELEC
	NA PLUMBING
	PACIFIC DRYWALL, INC
	TEX SMALL ENGINE REPAIRS
525	GASPRO HOME HEALTH CARE
	GASPRO INC
555	A & A STORAGE CO
	BIG ISLAND CAR DOCTOR
	ERRAND BOY SVC
	ISLAND AIR FILTERS INC
	J K & LK AUTO PAINTS
	POLISHING CREW
607	UNION OIL CO
666	CHEVRON USA INC
700	CLAYTON, JACK
	PACIFIC RESOURCES INC
750	ISLANDER INTERNATIONAL
	U HAUL CO
888	BIO ENERGY DEVELOPMENT CORP
	C BREWER PROPERTIES INC
911	SEERY, FRANCES
945	GAS CO

KALANI'ANAOLE AVE 1995 (Cont'd)

1875 NATHANIEL, LUTHER L
 NYSTROM, MOVIS
 OCONNELL, TIM
 OKADA, S
 OTT, JACK
 PERREIRA, GILBERT
 POWELL, S A
 PRINCE, FLOYD J
 REGO, ROBERT G
 ROBISON, ELLERY T
 SAMAAN, J
 SAMUELS, LARRY D
 SCHAUMBURG, WALT
 SEDLAK, DALE
 SHAH, NANCY R
 SHOREY, ROSCOE A JR
 SHORT, JULIA M
 STEEL, JAMES
 TETER, MASON
 TSUNODA, KEVIN
 VANDERPYL, H
 VANGELDER, T
 VANHOUTEN, RAYMOND R
 VOSS, CARRIE
 WYTOSKY, ROBERT J
 UNEBASAMI, BILLY C
 OCCUPANT UNKNOWNN
 MAUREENS BED & BREAKFAST
 OCCUPANT UNKNOWNN
 YAHIKU, JERRY
 ATKINS, J
 BELCHER, BOBBY
 BERNHARDT, ANTHONY
 BJORNSKOV, ANDRE
 BRILL, TOBIAS
 BUCK, DARRELL R
 DUFFY, BRION
 GOWING, Y
 HAJEK, MILOS
 HERNLUND, MARY A
 HILL, MICHAEL
 HYKES, ROBERT L
 JORDAN, D M
 KEESLER, RAYMOND B
 KETCHAM, EVIE
 KOGA, Y
 MARGOLUS, E
 MAXWELL, A
 MIYASAKI, K Y
 NAGASHIMA, SEIJI

KALANI'ANAOLE AVE 1995 (Cont'd)

1477 HILO HOMEMADE ICE CREAM
 HILO TROPICAL GARDENS
 HILO TROPICAL MART
 SEASIDE RESTAURANT
 FERREIRA, FRANK
 FRANCISCO, GARY K
 AHIA, NELSON L
 KENNEDY, CHARLES C
 ADAMS, GINA
 ANTHONY, ANDREW
 ARNDT, S
 BASS, MICHAEL E
 BEAN, C A
 BECKMAN, MOLLY
 BEGNER, MINA
 BENSON, CHARLES A
 BEUKER, GUS
 BOOTS, DAVID
 BROUSE, MARK
 BROWN, A K
 BURRIS, SAM
 CARROLL, ALIKA
 CAVOULAS, SANDY
 CORIZ, F
 DAVIS, JOHN
 DILLON, ALLEN
 DYE, CELESTE A
 FASSETT, PAUL
 FORQUER, HARRY
 GROVE, DEBBIE
 HEWITT, PAUL
 HIRAHARA, BETTY
 HIROTA, PAUL
 HOPKINS, ARTHUR
 HU, MEIDOR
 JAFFE, RONALD
 JANKUSKI, KEITH
 JAQUITH, ROBERT M
 JURGENS, M R
 KEAHIOLALO, J A
 KESLERSCHIK, JANE
 KUURE, SULO
 LIN, ERIC
 LOOMIS, THOMAS JR
 MACLACHLAN, BEV
 MASON, C S
 MATARAZA, CHARLES
 MAUNA LOA SHORES CONDOS
 MCGLOSSON, JACK
 MILLER, REBECCA N

KALANIANA'OLE AVE 1995 (Cont'd)

2276 SAIKI, RUPERT
 2284 SAIKI, RONALD
 2296 WRIGHT, CURTISS
 2306 ANTHONY, PAULA
 2314 OCCUPANT UNKNOWN
 2322 KOTTKE, RAY
 2336 BROKERAGE OF QUALITY FOODS
 2349 MARSHALL, MARK
 2352 RICHARDSON OCEAN PARK
 2356 DUARTE, WILLIAM J
 2379 CASE, JEFFERY
 2388 OCCUPANT UNKNOWN
 2390 MOORE, LILA
 2401 HEWITT, GEORGE J
 2405 HURFORD, K H
 AINSWORTH, C
 ASH, BARBARA
 BELLMAN, JOHN V
 BENLEHR, L
 BERTSEN, ROBERT A
 BJORNEN, P H
 COONTZ, S
 COSTELLO, C
 CROSSMAN, JOHN
 CUGENE, JOSEPH
 EARL, M W
 GEERING, GILBERT H
 GERSTING, J
 GJERTSEN, M
 HALE KAHAKAI ASSN
 HALL, JANET
 HARBERTS, J C
 HULTBERG, BRADLEY
 LAPPALA, V M
 LARSEN, ANTON
 LARSEN, ANTON J
 LEVIN, ABNER
 LUNDBURG, H G
 MACDONALD, PETER
 MCDONALD, TROY
 MERRILL, GEORGIA
 NABAD, G
 NIST, E M
 NOTTINGHAM, W G
 NYE, JANET
 ORTELLI, ANGELO
 PANOFF, DAVID V
 PAYNE, STANLEY L
 PECORARO, G
 PITMAN, MARY F

KALANIANA'OLE AVE 1995 (Cont'd)

1911 NEFF, ROBERT
 PIERCE, ROBERT
 QUINLAN, PATRICK
 RICHARDS, C E
 SAKMAR, P
 URBAIN, DENIS
 VOSS, DENNIS
 WALL, JOHN E
 WHITMORE, A L
 WILLICK, RAY
 WUERCH, HELMUTH V
 YAEKO, K
 1914 OCCUPANT UNKNOWN
 1922 CANN, STANLEY
 1923 BENSON, JAY
 BRITTAIN, J
 JACQUELINE BRITTAIN PHD
 SHEETS, MILLARD O
 ALLEN, THOMAS
 HOPKINS, WILLIAM
 1941 ROBLEDO, LOUISE
 SEASIDE STUDIO
 1953 DROSTE, HOWARD M
 1970 COOK, THOMAS K
 1979 MORAN, KELLY
 1983 DEETMAN, FRED
 1988 KUSINSKI, JOHN
 1995 LILLY, GLEN
 2004 MOODY, DON
 2007 OCCUPANT UNKNOWN
 2018 ROPER, C
 WHITE, MARYANN
 2038 OCCUPANT UNKNOWN
 2045 ISHIMARU, TOMMY
 2061 LEPES, MARTA M
 2062 HEICK, JAMES
 2070 OCCUPANT UNKNOWN
 2084 KANETAKE, WESLEY T
 2125 OCCUPANT UNKNOWN
 2130 HARADA, NORIO
 2135 WEDGEWOOD, TOM
 2140 TALLETT, L M
 2150 LAI, MERLE
 2160 DOLLNIG, RICHARD D
 RICHARD D DOLLNIG
 2180 OCCUPANT UNKNOWN
 2232 OCCUPANT UNKNOWN
 2250 YARBERRY, R B
 2256 CLARK, DAVID D
 2262 WALKER, JUDITH A

KUHIO ST 1995

60 BREWER ENVIRONMENTAL INDS INC

KALANIANA'OLE AVE 1995 (Cont'd)

2405 QUINTANA, STACY
REFARDT, W
ROBB, THOMAS
SWEET, BARBARA
THOMSEN, ARTHUR W
THOMSON, REX
WAMBAUGH, FRANZ L
WATTS, ARTHUR L
WEBER, WILLIAM R
WILLIAMSON, ROBERT J
WILSON, WILLIAM
YAMAUCHI, MELODY
2411 OCCUPANT UNKNOWN
55512 DESIGN CRAFT INDUSTRIES
HILO MARINE SUPPLY & SVC
INTERSTATE BATTERIES SYSTEMS
ISLAND FIRE & SAFETY INC

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KALANI'ANAOLE AVE 1992

193 BORING, B
311 LARSEN, DAVID R
355 ALBARADO, RALPH
ALTER, S
BALUNSO, JAIME
BASS, FREDK
BLACK, LEON
BRADY, JAMES W
DROZ, I L
GARCIA, T
HART, E
HOGAN, SHANNA
IRONHILL, MICHELE
KAIKUAN, K
KOWALSKI, MARTIN N
KOWALSKI, THEO
KRIEGER, ROBERT
MAIN, MARILYN
MAMONE, DOMINIC A
MCDONALD, D R
MENDEZ, M
MEYERS, J H
OBLETON, SOONJA
PARK, BYOUNG J
PINCHAK, KRIS
REIS, RONALD
SASAKI, MIO
UEDA, RONALD
WEEBER, F
WILLI, D A
YAMAOKA, NORMAN
KAHAUOLOPUA, TONY
PUNG, ALBERT E
KANAKAOLE, LUKA
KALEHUA, WILLIAM
1126 KALUA, ROGER
1228 BEST, B
1246 OILI, B
1258 HENDERSON, MOSES JR
KAUHI, HELEN U
1262 SHIMAOKA, ROLAND
1268 JOHN, LOUISE K
1300 CANN, ERNEST
1303 ARTINGER, A
LU, DEBRA
1330 WAIPIA, WENDY M
1342 KELAU, P
1365 BUCKLEY, PAUL W
ELIA, NATASHA
HALL, LINDA

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KALANI'ANAOLE AVE 1992 (Cont'd)

1365 LAMSON, G
MACANAS, RUDOLPH R
1373 TOLENTINO, ISAAC T
1392 IOPA, PAUL
1408 MIRANDA, H K
1426 PAKELLE, L
1477 MONTIJO, POPPY
1816 FERREIRA, FRANK
1834 FRANCISCO, GARY K
1846 AHIA, NELSON L
1860 KENNEDY, CHARLES C
1875 ADER, JOHN W
ANTHONY, ANDREW
ASAI, Y
BURRIS, SAM
CELINSKI, M
DAVIS, JOHN
DENT, WILLIAM
FUKUNAGA, JAY
GRAHEK, FRANK
GREEN, KAREN
HAIRSTON, G
HATLEY, MICHAEL
JACKSON, W
JAFFE, RONALD
JAQUITH, ROBERT M
LIND, JOHN
MACLACHLAN, B
MALTBY, E
MASON, C S
MCGLOSSON, JACK
MINGS, BERNA
NUDDS, CRAIG
OKADA, S
PRINCE, FLOYD J
RISHER, J
ROBERTS, TONY
SAUTER, STEPHEN
SEDLAK, J R
SHAH, NANCY R
UCHIDA, R
VANHOUTEN, RAYMOND R
WILMOTH, JOE
1889 UNEBASAMI, BILLY C
1896 MCGUIRE, LINDA
1906 YAHIKU, JERRY
1911 DOBBE, MORRIS I
FRORATH, J B
HAJEK, MILOS
HERNLUND, M A

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KALANIANA'OLE AVE 1992 (Cont'd)

1911 HYKES, ROBERT L
KEESLER, RAYMOND B
LEE, DANIEL
LOVE, ROBERT J
LUKENS, CLARK
MOORE, GEORGE C
MOREHOUSE, A L
PALACIO, M
ROBERTS, S J
SAKMAR, P
SUMIDA, MASA
WILLIAMS, BERNARD D
YAEKO, K
YAMADA, R
1922 CANN, STANLEY
1923 BENSON, JAY
BRITTAIN, J
SHEETS, MILLARD O
HOPKINS, WILLIAM
1932 ROBLEDO, LOUISE
1941 DROSTE, HOWARD M
1953 NIELSEN, NIELS
1965 COOK, THOMAS K
1970 MORAN, KELLY
1979 LILLY, GLEN
1995 MOODY, DON
2004 ISHIMARU, TOMMY
2045 HEICK, JAMES
2062 KANETAKE, WESLEY T
2084 CAMERON, GREGORY S
2125 HARADA, NORIO
2130 TWIGSMITH, DAVID
2135 WEDGEWOOD, TOM
TALLET, L M
2140 LAI, MERLE
2150 FUJISAWA, RENEE K
2232 YARBERRY, R B
2250 CLARK, DAVID D
2256 WALKER, MURRAY
2262 SAIKI, RUPERT
2276 SAIKI, RONALD
2284 WRIGHT, CURTISS
2296 ANTHONY, PAULA
2306 RICE, CLARYS
2322 MARSHALL, MARK
2336 CASE, JEFFERY
2356 HURFORD, K H
2401 AINSWORTH, C
2405 BERNTSEN, ROBERT A
COSTELLO, C

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KALANIANA'OLE AVE 1992 (Cont'd)

2405 CROSSMAN, JOHN
FLAGG, CLAIRE
GEERING, GIB
GERSTING, JUDITH L
HARBERTS, J C
JACOBSON, MICHAEL E
KAPLAN, R W
KOST, M
LAPPALA, V M
MCDUGAL, BRIAN L
NYE, JANET
PAYNE, STANLEY L
REFARDT, W
THOMSEN, ARTHUR W
VONELSNER, DON B
WOOD, JAMES S
2411 DOUGHERTY, ALLAN
13031 OTANI, R L
18755 SEDLAK, DALE
19112 BERNHARDT, ANTHONY
24052 MERRILL, GEORGIA
24057 LUNDBURG, H G
35511 MORIWAKI, HARRY K
130310 YOSHIMOTO, NORMAN
355101 MEHAU, M J
355103 TAMMANY, W K
355107 CHAMBERLIN, T E
355115 BAYSA, MERNEY K
355127 DEMPSTER, E
355203 COX, JEFF
355214 GREEN, L
355215 WALLIN, J
355217 MOORE, BOB
355220 NAKAYAMA, N
355229 ANDERSON, ROBERT
355302 HARVAT, FLORIAN
355304 ODO, RONALD
355308 HARLOCKER, ROBERT
355326 TOGASHI, DIRK N
355331 ARAKAKI, J
355333 MURPHY, DENNIS R
355334 JACKSON, NORMAN C
1365114 VESPERAS, JOSEPH P
1365207 FUKUSHIMA, D
1875107 NATHANIEL, LUTHER L
1875109 MILLER, REBECCA N
1875208 LEBOEUF, RICHARD G
1875211 BROWN, A K
1875301 BEGNER, MINA
1875304 MAGIERA, L

KALANIANA'OLE AVE 1992 (Cont'd)

1875307 REGO, ROBERT G
1875402 LOOMIS, THOMAS JR
1875409 ARNDT, S
1875411 KUURE, SULO
1875412 SCHAUMBURG, WALT
1875510 PERREIRA, GILBERT
1875512 GRIFFITHS, DI
1875604 LEE, HERBERT K
1875605 NYSTROM, M
TETER, MASON
1875607 WALLS, JOHN W
1875609 RICHARDS, LOUIS K
1875703 SHOREY, ROSCOE A JR
1875711 OTT, JACK
1911204 MAXWELL, A
1911208 WALL, JOHN E
1911301 KOGA, Y
1911308 JORDAN, D M
1911402 NAGASHIMA, SEIJI
1911405 KETCHAM, EVIE
PETERSON, DOROTHY E
1911408 RICHARDS, C E
1911505 QUINLAN, PATRICK
1911506 BELCHER, BOBBY
1911601 WILLICK, RAY
1911605 FUKUDA, J S
1911606 LONGACRE, CHESTER E
1911608 MURRAY, ROBERT E
2405201 WATTS, ARTHUR L
2405204 WAMBAUGH, FRANZ L
2405205 NOTTINGHAM, W G
2405206 MACDONALD, PETER
2405308 GOSS, GEORGE P
2405401 SCULLARY, P
2405404 LARSEN, ANTON J
2405405 WILLIAMSON, ROBERT J
2405406 CUGENE, JOSEPH
2405408 WEBER, WILLIAM R
2405409 GEYER, LARRY
2405501 LEVIN, ABNER
2405502 ROBB, THOMAS
2405503 BENLEHR, L
2405504 EARL, M W
2405505 BELLMAN, JOHN V
2405506 NIST, E M

EDR Building Permit Report

Hilo Harbor Industrial Lots Phase I ESA
Multiple Properties
HILO, HI 96720

Inquiry Number: 6935350.8
April 11, 2022

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Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Building Permit Report

Target Property and Adjoining Properties



6 Armstrong Road
Shelton, CT 06484
800.352.0050
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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing, to ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Element Environmental, LLC on Apr 11, 2022.

TARGET PROPERTY

Multiple Properties
HILO, HI 96720

SEARCH METHODS

EDR searches a available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report

HAWAII COUNTY

Year	Source	TP	Adjoining
2022	Hawaii County, Department of Public Works		
2021	Hawaii County, Department of Public Works		
2020	Hawaii County, Department of Public Works	X	
2019	Hawaii County, Department of Public Works		
2018	Hawaii County, Department of Public Works		
2017	Hawaii County, Department of Public Works	X	
2016	Hawaii County, Department of Public Works	X	
2015	Hawaii County, Department of Public Works	X	
2014	Hawaii County, Department of Public Works	X	
2013	Hawaii County, Department of Public Works	X	
2012	Hawaii County, Department of Public Works	X	
2011	Hawaii County, Department of Public Works	X	
2010	Hawaii County, Department of Public Works		
2009	Hawaii County, Department of Public Works	X	
2008	Hawaii County, Department of Public Works	X	
2007	Hawaii County, Department of Public Works		
2006	Hawaii County, Department of Public Works	X	
2005	Hawaii County, Department of Public Works	X	
2004	Hawaii County, Department of Public Works	X	
2003	Hawaii County, Department of Public Works		
2002	Hawaii County, Department of Public Works		
2001	Hawaii County, Department of Public Works	X	
2000	Hawaii County, Department of Public Works	X	
1999	Hawaii County, Department of Public Works	X	
1998	Hawaii County, Department of Public Works	X	
1997	Hawaii County, Department of Public Works	X	
1996	Hawaii County, Department of Public Works	X	
1995	Hawaii County, Department of Public Works	X	

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

BUILDING DEPARTMENT RECORDS SEARCHED

Year	Source	JP	Adjoining
1994	Hawaii County, Department of Public Works		X
1993	Hawaii County, Department of Public Works		X
1992	Hawaii County, Department of Public Works		
1991	Hawaii County, Department of Public Works		X
1990	Hawaii County, Department of Public Works		X
1989	Hawaii County, Department of Public Works		X
1988	Hawaii County, Department of Public Works		X
1987	Hawaii County, Department of Public Works		X
1986	Hawaii County, Department of Public Works		X
1985	Hawaii County, Department of Public Works		X
1984	Hawaii County, Department of Public Works		X
1983	Hawaii County, Department of Public Works		X
1982	Hawaii County, Department of Public Works		X
1981	Hawaii County, Department of Public Works		X
1980	Hawaii County, Department of Public Works		X
1979	Hawaii County, Department of Public Works		
1978	Hawaii County, Department of Public Works		
1977	Hawaii County, Department of Public Works		
1976	Hawaii County, Department of Public Works		
1975	Hawaii County, Department of Public Works		
1974	Hawaii County, Department of Public Works		
1973	Hawaii County, Department of Public Works		
1972	Hawaii County, Department of Public Works		
1971	Hawaii County, Department of Public Works		
1970	Hawaii County, Department of Public Works		
1969	Hawaii County, Department of Public Works		
1968	Hawaii County, Department of Public Works		
1967	Hawaii County, Department of Public Works		
1966	Hawaii County, Department of Public Works		
1965	Hawaii County, Department of Public Works		
1964	Hawaii County, Department of Public Works		
1963	Hawaii County, Department of Public Works		
1962	Hawaii County, Department of Public Works		
1961	Hawaii County, Department of Public Works		

Name: HAWAII COUNTY
 Years: 1961-2022
 Source: Hawaii County, Department of Public Works, HILO, HI
 Phone: (808) 961-8331

Name: JurisdictionName
 Years:
 Source:
 Phone:

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

Multiple Properties
HILO, HI 96720

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

KALANIANA'OLE

666-A KALANIANA'OLE

Date: 2/23/1982
Permit Type: SIGN TO READ: "AKANA PETROLEUM INC."
Description: SIGN
Permit Description: Sign
Work Class:
Proposed Use:
Permit Number: SH02226*
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name:

Date: 2/22/1982
Permit Type: Non-residential
Description:

ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: EH59821*
Status: ACTIVE
Valuation: \$3,000.00
Contractor Company: HAWAII ELECTRICAL SERVICE INC.
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **2/16/1982**
Permit Type: **Non-residential**
Description:

Permit Description: **PLUMBING**
Work Class:
Proposed Use: **MH35960***
Permit Number: **COMPLETED**
Status:
Valuation: **\$3,200.00**
Contractor Company: **RODRIGUES PLUMBING INC**
Contractor Name:

Date: **2/16/1982**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: **EH69790***
Permit Number: **COMPLETED**
Status:
Valuation: **\$2,500.00**
Contractor Company: **FUKUNAGA ELEC**
Contractor Name:

Date: **2/10/1982**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use: **820259***
Permit Number: **COMPLETED**
Status:
Valuation: **\$20,000.00**
Contractor Company: **HILO BUILDERS INC.**
Contractor Name:

ADJOINING PROPERTY FINDINGS

685 KALANIANOALE

Date: **6/18/1986**
Permit Type:
Description: **SIGN TO READ: HILO TERMINAL PACIFIC RESOURCES TERMINALS, INC. A PRI COMPANY**

Permit Description: **Sign**
Work Class:
Proposed Use:
Permit Number: **SH02665***
Status: **ACTIVE**
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

KALANIANOALE AVE

661 KALANIANOALE AVE

Date: **10/17/2014**
Permit Type: **Non-Residential**
Description: **Install power and control wiring for new VCU.**

Permit Description: **Electrical**
Work Class: **New**
Proposed Use: **EH2014-01630**
Permit Number:
Status: **Issued**
Valuation: **\$12,000.00**
Contractor Company: **FUKUNAGA ELECTRICAL INC (FUKUNAGA ELECTRICAL INC)**
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 6/27/2014
Permit Type: Non-Residential
Description: PROPOSED ADDITIONS TO EXISTING WAREHOUSE. ADDITION OF VAPOR CONTROL UNIT (DRYWELL), NO ELECTRICAL, NO PLUMBING, New B - Other Bldgs (other than 1-8 and A above)

Permit Description: Building
Work Class: New, Additions and Structural Alterations
Proposed Use: VAPOR CONTROL DRYWELL UNIT
Permit Number: BH2014-01019
Status: Issued
Valuation: \$1,300,000.00
Contractor/Company: ALOHABUILDINGAND CONSTRUCTION INC (ALOHABUILDINGAND CONSTRUCTION INC)

Date: 8/6/2013
Permit Type: Non-Residential
Description: ALTERATIONS TO EXISTING ROCK & CMU WALLS. NEW CONCRETE RETAINING WALLS, STORMWATER PRESSURE LINE, AND CATCH BASINS FOR WEST FUEL FARM. NO PLUMBING, NO ELECTRICAL., Addition/Alteration B - Other Bldgs (other than 1-8 and A above)

Permit Description: Building
Work Class: Addition, Alteration, Additions and Structural Alie
Proposed Use: PETROLEUM OPERATIONS
Permit Number: BH2013-01249
Status: Complete
Valuation: \$996,000.00
Contractor/Company: ALOHABUILDINGAND CONSTRUCTION INC (ALOHABUILDINGAND CONSTRUCTION INC)

Date: 9/30/2006
Permit Type: Non-Residential
Description: SUPPL - PERMIT

Permit Description: ELECTRICAL
Work Class: Addition/Electric Only/Supplement
Proposed Use: E2006-2170H
Permit Number: COMPLETED
Valuation: \$2,000.00
Contractor/Company: WAYNE K FUKUNAGA, DBA FUKUNAGA ELECTRICAL

Date: 1/18/2006
Permit Type: Non-Residential
Description: UP GRADE ELECTRICAL

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E2006-0109H
Permit Number: COMPLETED
Valuation: \$75,000.00
Contractor/Company: FUKUNAGA/ELEC

ADJOINING PROPERTY FINDINGS

Date: 1/18/2006
Permit Type: Non-Residential
Description: UP GRADE ELECTRICAL

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E2006-0109H
Permit Number: COMPLETED
Valuation: \$75,000.00
Contractor/Company: FUKUNAGA/ELEC

Date: 9/30/2006
Permit Type: Non-Residential
Description: SUPPL - PERMIT

Permit Description: ELECTRICAL
Work Class: Addition/Electric Only/Supplement
Proposed Use: E2006-2170H
Permit Number: COMPLETED
Valuation: \$2,000.00
Contractor/Company: WAYNE K FUKUNAGA, DBA FUKUNAGA ELECTRICAL

ADJOINING PROPERTY FINDINGS

Date: 10/20/1995
Permit Type: Non-residential
Description: REMOVE AND REPLACE EXISTING CANOPY, REPLACEMENT TO BE LARGER;BP 951270 ISSUED 8/22/95 CANCELLED 8/24/95) REMOVE AND REPLACE EXISTING CANOPY, REPLACEMENT TO BE LARGER;BP 951270 ISSUED 8/22/95 CANCELLED 8/24/95)

Permit Description: BUILDING
Work Class: Alteration;
Proposed Use: PETROLEUM OPERATION Additions and Structural Alterations - Repairs
Permit Number: 951619*
Status: ACTIVE
Valuation: \$45,000.00
Contractor Company: MAUI INDSTR L METAL FABRICATORS
Contractor Name: MAUI INDSTR L METAL FABRICATORS

Date: 8/22/1995
Permit Type: Non-residential
Description: REMOVE AND REPLACE EXISTING CANOPY REMOVE AND REPLACE EXISTING CANOPY

Permit Description: BUILDING
Work Class: Alteration;Plumbing;
Proposed Use: PETROLEUM LOADING RACK Additions and Structural Alterations - Repairs
Permit Number: 951270*
Status: CANCELLED
Valuation: \$45,000.00
Contractor Company: MAUI INDSTR L METAL FABRICATORS
Contractor Name: MAUI INDSTR L METAL FABRICATORS

ADJOINING PROPERTY FINDINGS

Date: 7/19/1995
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E950970*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$10,000.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

Date: 6/25/1991
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Repair
Proposed Use: E911170*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$18,000.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

Date: 2/8/1991
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Addition
Proposed Use: E910298*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$25,000.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

ADJOINING PROPERTY FINDINGS

Date: 8/25/1987
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH70100*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$8,000.00
Contractor Company: E IN ELECTRICAL
Contractor Name: E IN ELECTRICAL

Date: 6/29/1987
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH69804*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$2,200.00
Contractor Company: FUKUNAGA ELEC
Contractor Name: FUKUNAGA ELEC

Date: 6/4/1987
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 870979*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$7,050.00
Contractor Company: REGO, N.
Contractor Name: REGO, N.

ADJOINING PROPERTY FINDINGS

Date: 6/5/1984
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH64054*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$15,000.00
Contractor Company: HAWAII INDUSTRIAL ELEC
Contractor Name: HAWAII INDUSTRIAL ELEC

666 KALANIANA'OLEAVE

Date: 6/24/2009
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Electric Only
Proposed Use: E2009-0863H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$200,000.00
Contractor Company: FUKUNAGA ELECTRIC INC
Contractor Name: FUKUNAGA ELECTRIC INC

Date: 3/19/1999
Permit Type: Non-residential
Description: 46X38 CANOPY 46X38 CANOPY

Permit Description: BUILDING
Work Class: New:
Proposed Use: CANOPY New Privately Owned Nonresidential Buildings
Permit Number: 990321*
Status: ACTIVE
Valuation: \$7,500.00
Contractor Company: KAGAMI, INC.
Contractor Name: KAGAMI, INC.

ADJOINING PROPERTY FINDINGS

Date: 3/19/1999
Permit Type: Non-residential
Description: 18X32 CANOPY 18X32 CANOPY

Permit Description: BUILDING
Work Class: New;
Proposed Use: CANOPY New Privately Owned Nonresidential Buildings
Permit Number: 990322*
Status: ACTIVE
Valuation: \$4,500.00
Contractor Company: KAGAMI, INC.
Contractor Name: KAGAMI, INC.

Date: 2/3/1999
Permit Type: Non-residential
Description: INSTALLATION OF GENERATOR WIN EXISTING WAREHOUSE BUILDING. CUT-4X5 AREA W/LOUVERS FOR VENTILATION INSTALLATION OF GENERATOR WIN EXISTING WAREHOUSE BUILDING. CUT-4X5 AREA W/LOUVERS FOR VENTILATION

Permit Description: BUILDING
Work Class: Alteration;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: 990116*
Status: ACTIVE
Valuation: \$39,000.00
Contractor Company: KAGAMI, INC.
Contractor Name: KAGAMI, INC.

ADJOINING PROPERTY FINDINGS

Date: 2/3/1999
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E990126*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$40,000.00
Contractor Company: IPAC ELECTRIC COMPANY LLC
Contractor Name: IPAC ELECTRIC COMPANY LLC

Date: 4/16/1987
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: New
Proposed Use: E970491*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$16,000.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

Date: 12/12/1996
Permit Type: Non-residential
Description: VAPOR COMBUSTION UNIT - FOUNDATION W/STACK AND ABOVE GROUND;PROPANE TANK VAPOR COMBUSTION UNIT - FOUNDATION W/STACK AND ABOVE GROUND;PROPANE TANK

Permit Description: BUILDING
Work Class: New;Plumbing;
Proposed Use: VAPOR COMBUSTION UNIT Additions and Structural Alterations - Repairs
Permit Number: 961730*
Status: ACTIVE
Valuation: \$75,000.00
Contractor Company: KAGAMI, INC.
Contractor Name: KAGAMI, INC.

ADJOINING PROPERTY FINDINGS

Date: 7/19/1995
 Permit Type: Non-residential
 Description:

Permit Description: ELECTRICAL
 Work Class: New
 Proposed Use: E950963*
 Permit Number: COMPLETED
 Status: COMPLETED
 Valuation: \$29,000.00
 Contractor Company: RMF, INC
 Contractor Name: RMF, INC

Date: 6/15/1995
 Permit Type: Non-residential
 Description:

Permit Description: PLUMBING
 Work Class: New
 Proposed Use: M950677*
 Permit Number: COMPLETED
 Status: COMPLETED
 Valuation: \$1,500.00
 Contractor Company: ROBERTS, DANIEL D. DBA
 Contractor Name: ROBERTS, DANIEL D. DBA

Date: 4/6/1995
 Permit Type: Non-residential
 Description:

Permit Description: ELECTRICAL
 Work Class: New
 Proposed Use: E950508*
 Permit Number: COMPLETED
 Status: COMPLETED
 Valuation: \$362,000.00
 Contractor Company: RMF, INC
 Contractor Name: RMF, INC

ADJOINING PROPERTY FINDINGS

Date: 4/4/1995
 Permit Type: Non-residential
 Description: EXISTING WAREHOUSE/CANOPY TO BE DEMOLISHED EXISTING WAREHOUSE/CANOPY TO BE DEMOLISHED

Permit Description: BUILDING
 Work Class: Demolition;
 (WAREHOUSE & CANOPY);Demolition & Razing of Buildings
 Proposed Use: 950528*
 Permit Number: ACTIVE
 Status: ACTIVE
 Valuation: \$9,135.00
 Contractor Company: COLT CONSTRUCTION CO
 Contractor Name: COLT CONSTRUCTION CO

Date: 4/4/1995
 Permit Type: Non-residential
 Description: DEMOLISH PORTION ONLY OF EXISTING TRUCK LOADING AREA W/CANOPY.;BALANCE OF BLDG. TO REMAIN AS IS.; DEMOLISH PORTION ONLY OF EXISTING TRUCK LOADING AREA W/CANOPY.;BALANCE OF BLDG. TO REMAIN AS IS.

Permit Description: BUILDING
 Work Class: Demolition;
 (CANOPY);Demolition & Razing of Buildings
 Proposed Use: 950527*
 Permit Number: ACTIVE
 Status: ACTIVE
 Valuation: \$1,529.00
 Contractor Company: COLT CONSTRUCTION CO
 Contractor Name: COLT CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: 4/4/1995
Permit Type: Non-residential
Description: NEW TRUCK LOADING CANOPY NEW TRUCK LOADING CANOPY

Permit Description: BUILDING
Work Class: New/Plumbing;
Proposed Use: TRUCK CANOPY New Privately Owned Nonresidential Buildings
Permit Number: 950533*
Status: ACTIVE
Valuation: \$136,009.00
Contractor Company: HAWAII STEEL ERECTORS
Contractor Name: HAWAII STEEL ERECTORS

Date: 4/4/1995
Permit Type: Non-residential
Description: NEW BLDG. FOR BILL OF LADEN NEW BLDG. FOR BILL OF LADEN

Permit Description: BUILDING
Work Class: New/Electrical/Plumbing;
Proposed Use: BILL OF LADEN BLDG. New Privately Owned Nonresidential Buildings
Permit Number: 950534*
Status: ACTIVE
Valuation: \$9,987.00
Contractor Company: HAWAII STEEL ERECTORS
Contractor Name: HAWAII STEEL ERECTORS

Date: 12/3/1993
Permit Type: Non-residential
Description: SIGN TO READ: "CHEVRON"

Permit Description: ELECTRICAL
Work Class: Addition
Proposed Use: E932035*
Permit Number: COMPLETED
Valuation: \$25,000.00
Contractor Company: FUKUNAGA ELEC
Contractor Name: FUKUNAGA ELEC

ADJOINING PROPERTY FINDINGS

Date: 12/2/1993
Permit Type: Non-residential
Description: SIGN TO READ: "CHEVRON"

Permit Description: ELECTRICAL
Work Class: Addition
Proposed Use: E932026*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$85,000.00
Contractor Company: FUKUNAGA ELEC
Contractor Name: FUKUNAGA ELEC

Date: 6/10/1991
Permit Type: Non-residential
Description: SIGN TO READ: "CHEVRON"

Permit Description: ELECTRICAL
Work Class: Addition
Proposed Use: E911076*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$3,000.00
Contractor Company: FUKUNAGA ELEC
Contractor Name: FUKUNAGA ELEC

Date: 3/8/1990
Permit Type: Non-residential
Description: SIGN TO READ: "CHEVRON"

Permit Description: Sign
Work Class: Sign
Proposed Use: S900005*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$0.00
Contractor Company: FUKUNAGA ELEC
Contractor Name: FUKUNAGA ELEC

ADJOINING PROPERTY FINDINGS

Date: **3/8/1990**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class: **Addition**
Proposed Use: **E900445***
Permit Number: **COMPLETED**
Status: **COMPLETED**
Valuation: **\$2,000.00**
Contractor Company: **FUKUNAGA ELEC**
Contractor Name: **FUKUNAGA ELEC**

Date: **12/26/1989**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: **E892241***
Permit Number: **COMPLETED**
Status: **COMPLETED**
Valuation: **\$4,600.00**
Contractor Company: **FUKUNAGA ELEC**
Contractor Name: **FUKUNAGA ELEC**

Date: **10/2/1985**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: **EH66835***
Permit Number: **COMPLETED**
Status: **COMPLETED**
Valuation: **\$5,000.00**
Contractor Company: **MB ELECTRIC CO.**
Contractor Name: **MB ELECTRIC CO.**

ADJOINING PROPERTY FINDINGS

Date: **9/24/1985**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **851752***
Status: **ACTIVE**
Valuation: **\$40,000.00**
Contractor Company: **CC ENGR & CONSTR., INC.**
Contractor Name: **CC ENGR & CONSTR., INC.**

Date: **1/23/1984**
Permit Type: **Non-residential**
Description:

Permit Description: **PLUMBING**
Work Class:
Proposed Use:
Permit Number: **MH38332***
Status: **COMPLETED**
Valuation: **\$1,400.00**
Contractor Company: **RODRIGUES PLUMBING INC**
Contractor Name: **RODRIGUES PLUMBING INC**

Date: **12/30/1983**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **832203***
Status: **ACTIVE**
Valuation: **\$10,000.00**
Contractor Company: **ISEMOTO CONTR COLTD**
Contractor Name: **ISEMOTO CONTR COLTD**

ADJOINING PROPERTY FINDINGS

Date: 10/12/1983
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH627 02*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$500.00
Contractor Company: J K ELECTRIC
Contractor Name: J K ELECTRIC

Date: 10/11/1983
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 831670*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$6,600.00
Contractor Company: ISEMOTO CONTR CO LTD
Contractor Name: ISEMOTO CONTR CO LTD

Date: 9/27/1983
Permit Type: SIGN TO READ: "CHEVRON OIL PRODUCTS-AKANA PETROLEUM, INC."
Description:

Permit Description: Sign
Work Class:
Proposed Use: SH02406*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 1/26/1983
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH61431*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$15,500.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

Date: 5/27/1982
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH60368*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$17,800.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name: FUKUNAGA/ELEC

Date: 5/17/1982
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 820916*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$10.00
Contractor Company: YAMADA & SONS INC.
Contractor Name: YAMADA & SONS INC.

ADJOINING PROPERTY FINDINGS

Date: **2/6/1981**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: **EH57657***
Permit Number: **COMPLETED**
Status:
Valuation: **\$4,000.00**
Contractor Company: **FUKUNAGA ELEC**
Contractor Name:

Date: **6/26/1980**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: **EH56122***
Permit Number: **ACTIVE**
Status:
Valuation: **\$600.00**
Contractor Company: **TANAKA ELECTRIC INC**
Contractor Name:

ADJOINING PROPERTY FINDINGS

701 KALANIANA'OLE AVE

Date: **3/28/2008**
Permit Type:
Description: **2. MARQUEE SIGNS PLACED ON EXISTING CANOPY ON TWO SIDES - LOGO W/ "TESORO"**

Permit Description: **Sign**
Work Class:
Proposed Use:
Permit Number: **S2008-0011H**
Status: **ACTIVE**
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

Date: **5/26/2000**
Permit Type:
Description: **SIGN TO READ: TESORO TESORO HAWAII HILO TERMINAL 701 KALANIANA'OLE AVENUE**

Permit Description: **Sign**
Work Class:
Proposed Use: **S000017***
Permit Number: **ACTIVE**
Status:
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

750 KALANIANAOLEAVE

Date: 6/14/2000
Permit Type: Non-residential
Description:
Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E000615*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$5,000.00
Contractor/Company: CALLO, GERARD ELECTRIC
Contractor Name:

Date: 2/1/2000
Permit Type: Non-residential
Description:
Permit Description: PLUMBING
Work Class: Alteration
Proposed Use: M000102*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$2,000.00
Contractor/Company: TAMASHIRO PLUMBING
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 1/24/2000
Permit Type: Non-residential
Description: ADDITION OF WAREHOUSE SPACE 20X75, OFFICE W/1/2 BATH (WC, LAV & URINAL) 20X30; LIGHT STORAGE ON 2ND LEVEL - 20X30;(STOP WORK ORDER - DOUBLE FEE) ADDITION OF WAREHOUSE SPACE 20X75, OFFICE W/1/2 BATH (WC,LAV & URINAL) 20X30; LIGHT STORAGE ON 2ND LEVEL - 20X30;(STOP WORK ORDER - DOUBLE FEE)
Permit Description: BUILDING
Work Class: Alteration;Electrical;Plumbing;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: 000110*
Status: COMPLETED
Valuation: \$55,000.00
Contractor/Company: ROSCOE, STEVEN
Contractor Name:

Date: 9/11/1980
Permit Type: Non-residential
Description:
Permit Description: BUILDING
Work Class:
Proposed Use: 802289*
Permit Number: EXPIRED
Status: EXPIRED
Valuation: \$3,000.00
Contractor/Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 6/24/1980

Permit Type: SIGN TO READ: "PIONEER LUMBER"

Description:

Permit Description: Sign

Work Class: SH02066*

Proposed Use: COMPLETED

Permit Number: \$0.00

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

888 KALANIANA'OLEAVE

Date: 6/14/2012

Permit Type: Non-Residential

Description: PROPOSED INSTALLATION OF BARBED WIRE TO ENTIRE SECURITY FENCING, Addition,Alteration B - Other Bldgs (other than 1-3 and A above), PROPOSED INSTALLATION OF BARBED WIRE TO ENTIRE SECURITY FENCING

Permit Description: Building

Work Class: Addition,Alteration,Additions and Structural Alite

Proposed Use: BARBED WIRE SECURITY FENCE

Permit Number: BH2012-00291

Status: Issued

Valuation: \$5,312.00

Contractor Company:

Contractor Name: JOHN S GONSALVES JOHN S GONSALVES

ADJOINING PROPERTY FINDINGS

Date: 3/28/2006

Permit Type: Non-residential

Description: NEW SERVICE FOR FUTURE TENANTS CIRCUITS TO BE TAKEN OUT LATER

Permit Description: ELECTRICAL

Work Class: New

Proposed Use: E2006-0639H

Permit Number: COMPLETED

Status: COMPLETED

Valuation: \$28,000.00

Contractor Company:

Contractor Name: GEOCO

Date: 8/15/2000

Permit Type: Non-residential

Description: ELECTRICAL

Work Class: New

Proposed Use: E000847*

Permit Number: COMPLETED

Status: COMPLETED

Valuation: \$6,000.00

Contractor Company:

Contractor Name: UCHIDA, RICHARD ELECT

Date: 8/3/2000

Permit Type: Non-residential

Description: 6000 GAL ABOVE GROUND CONVAULT FUEL TANK 6000 GAL ABOVE GROUND CONVAULT FUEL TANK

Permit Description: BUILDING

Work Class: New;Plumbing;

Proposed Use: FUEL TANK New Privately Owned Nonresidential Buildings

Permit Number: 001065*

Status: ACTIVE

Valuation: \$30,000.00

Contractor Company:

Contractor Name: DOWNING, D L GEN CONTR

ADJOINING PROPERTY FINDINGS

Date: 4/11/2000
Permit Type: Non-residential
Description: CONSTRUCT CONCRETE PAD & METAL CANOPY (FUEL TANK INSTALLATION BY; OTHERS) CONSTRUCT CONCRETE PAD & METAL CANOPY (FUEL TANK INSTALLATION BY; OTHERS)

Permit Description: BUILDING
Work Class: New;
Proposed Use: FUEL STORAGE BLDG New Privately Owned Nonresidential Buildings
Permit Number: 000527*
Status: ACTIVE
Valuation: \$30,000.00
Contractor Company: C&S CONSTRUCTION
Contractor Name:

Date: 11/10/1999
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Repair
Proposed Use: E991183*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$3,200.00
Contractor Company: UCHIDA, RICHARD ELECT
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 2/14/1995
Permit Type: Non-residential
Description: NEW STORAGE BLDG. (SPRUNG BLDG.) FOR EQUIPMENT NEW STORAGE BLDG. (SPRUNG BLDG.) FOR EQUIPMENT

Permit Description: BUILDING
Work Class: New;
Proposed Use: New Privately Owned Nonresidential Buildings
Permit Number: 950224*
Status: COMPLETED
Valuation: \$65,000.00
Contractor Company: SUEPRUK, WALTER
Contractor Name:

Date: 7/9/1982
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 821235*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$4,000.00
Contractor Company: BIG G CONSTRUCTION INC
Contractor Name:

Date: 4/15/1982
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH60115*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$14,000.00
Contractor Company: FUKUNAGA ELEC
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/6/1982**
Permit Type: **Non-residential**
Description:
Permit Description: **BUILDING**
Work Class:
Proposed Use: **820015***
Permit Number: **COMPLETED**
Status: **\$300,000.00**
Valuation:
Contractor Company: **BIG G CONSTRUCTION INC**
Contractor Name:

928 KALANIANOLEAVE

Date: **4/9/1999**
Permit Type: **Residential**
Description:
Permit Description: **ELECTRICAL**
Work Class: **New**
Proposed Use: **E990355***
Permit Number: **COMPLETED**
Status: **\$3,000.00**
Valuation:
Contractor Company: **HAWAII ELECTRICAL SERVICE, INC**
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/1/1999**
Permit Type: **Residential**
Description: **CARPOT WITH OPEN UTILITY & STORAGE TO DWELLING UNDER CONSTRN ,981151**
Permit Description: **BUILDING**
Work Class: **Electrical/Addition,Plumbing;**
Proposed Use: **DWELLING/Addsitions and Structural Alterations - Repairs**
Permit Number: **990189***
Status: **COMPLETED**
Valuation: **\$5,000.00**
Contractor Company:
Contractor Name: **MOCHIDA, IVAN S. DBA**

Date: **12/9/1998**
Permit Type: **Residential**
Description:
Permit Description: **PLUMBING**
Work Class: **New**
Proposed Use: **M981053***
Permit Number: **COMPLETED**
Status: **\$3,000.00**
Valuation:
Contractor Company: **SHIGEHARA'S PLBG., INC.**
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 8/31/1988
 Permit Type: Residential
 Description: 2 BEDROOM, 1 BATH DWELLING W/KITCHEN, DINING, LIVING, LAUNDRY, ON THE OUTSIDE; TMK: 2-1-020; POR OF 4& 2 BEDROOM, 1 BATH DWELLING W/KITCHEN, DINING, LIVING, LAUNDRY, ON THE OUTSIDE; TMK: 2-1-020; POR OF 4&

Permit Description: BUILDING
 Work Class: New;
 Proposed Use: DWELLING New Privately Owned Residential Buildings
 Permit Number: 981151*
 Status: COMPLETED
 Valuation: \$60,000.00
 Contractor Company: MOCHIDA, IVAN S. DBA

834 KALANIANA'OLEAVE

Date: 7/28/1989
 Permit Type: Residential
 Description: ELECTRICAL
 Work Class: New
 Proposed Use: E990762*
 Permit Number: COMPLETED
 Valuation: \$4,100.00
 Contractor Company: KELII, ELROY HENRY

ADJOINING PROPERTY FINDINGS

Date: 7/20/1999
 Permit Type: Residential
 Description:

Permit Description: PLUMBING
 Work Class: New
 Proposed Use: M990517*
 Permit Number: COMPLETED
 Status: COMPLETED
 Valuation: \$9,000.00
 Contractor Company: PAMA'S PLGB. SUPPLY

Date: 5/28/1989
 Permit Type: Residential
 Description: 2-BEDROOMS, 2-BATHS, WIC, DEN, LIVINGROOM, DINING, KITCHEN, OPEN COVERED WALKWAY, STORAGE, 2-CAR CARPORT & 1/2 BATH, WIC, DEN, LIVINGROOM, DINING, KITCHEN, OPEN COVERED WALKWAY, STORAGE, 2-CAR CARPORT & 1/2 BATH

Permit Description: BUILDING
 Work Class: New; Electrical; Plumbing;
 Proposed Use: DWELLING New Privately Owned Residential Buildings
 Permit Number: 990565*
 Status: COMPLETED
 Valuation: \$132,000.00
 Contractor Company: MONIZ, WILLIAM

ADJOINING PROPERTY FINDINGS

KALAMIANAOLE AVENUE
700 KALAMIANAOLE AVENUE

Date: **5/12/1997**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class: **Alteration**
Proposed Use: **E970591***
Permit Number: **COMPLETED**
Status: **\$251,882.00**
Valuation:
Contractor Company: **WASA ELECTRICAL SVC INC**
Contractor Name:

Date: **5/9/1997**
Permit Type: **Non-residential**
Description: **R/R LOADING RACK CANOPY W/LARGER, IMPROVEMENT TO PUMP AND FILTER;GALLERY AREA. RELATED CHEMICAL AND PIPING. R/R LOADING RACK CANOPY W/LARGER, IMPROVEMENT TO PUMP AND FILTER;GALLERY AREA. RELATED CHEMICAL AND PIPING.**

Permit Description: **BUILDING**
Work Class: **Alteration;Plumbing;**
Proposed Use: **FUEL TERMINAL Additions and Structural Alterations- Repairs**
Permit Number: **970576***
Status: **ACTIVE**
Valuation: **\$1,300,000.00**
Contractor Company: **AMERICAN PIPING & BOILER CO**
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/10/1996**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class: **Addition**
Proposed Use: **E961121***
Permit Number: **COMPLETED**
Status: **\$7,000.00**
Valuation:
Contractor Company: **FUKUNAGA/ELEC**
Contractor Name:

Date: **7/11/1995**
Permit Type: **Non-residential**
Description:

Permit Description: **ELECTRICAL**
Work Class: **Addition**
Proposed Use: **E950918***
Permit Number: **COMPLETED**
Status: **\$48,000.00**
Valuation:
Contractor Company: **FUKUNAGA/ELEC**
Contractor Name:

Date: **6/2/1995**
Permit Type: **SIGN TO READ:**
Description:

Permit Description: **Sign**
Work Class:
Proposed Use: **S950017***
Permit Number: **ACTIVE**
Status: **\$0.00**
Valuation:
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 5/4/1994
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Addition
Proposed Use: E940655*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$10,900.00
Contractor Company: FUKUNAGA ELEC
Contractor Name:

KALANIANA'OLE STREET
700 KALANIANA'OLE STREET

Date: 11/16/1989
Permit Type: SIGN TO READ: "PACIFIC RESOURCES TERMINALS INC."
Description:

Permit Description: Sign
Work Class:
Proposed Use: S880042*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

KUHILO ST
48 KUHILO ST

Date: 3/5/2015
Permit Type: RELOCATE EXISTING WEATHER HEAD TO NEW LOCATION.
Description:

Permit Description: Electrical
Work Class:
Proposed Use: EH2015-00393
Permit Number: Issued
Status: Issued
Valuation: \$4,000.00
Contractor Company: HIRAYAMA BROTHERS ELECTRIC INC
Contractor Name: HIRAYAMA BROTHERS ELECTRIC INC

60 KUHILO ST

Date: 9/23/2020
Permit Type: ALTERATION TO REPAIR A PORTION (15,740 SF) OF THE ROOF AND INSTALL SKYLIGHTS AT AN EXISTING 77,760 SF WAREHOUSE BUILDING.
Description:

Permit Description: Non-Residential Building Permit
Work Class:
Proposed Use: BH2020-00984
Permit Number: Completed
Status: Completed
Valuation: \$200,000.00
Contractor Company: BENCHMARK CONSTRUCTION INC
Contractor Name: BENCHMARK CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: 7/20/2017
Permit Type: ALTERATION OF EXISTING WAREHOUSE BUILDING COVERED AREA, TO CONVERT COVERED OPEN AREA SPACE 139 SQUARE FEET TO SLAB ON GRADE
Description: ADDITIONAL MEN'S AND WOMEN'S A.D.A. BATHROOM.
WOMEN'S A.D.A. BATHROOM (LAVATORY/WATER CLOSET), MEN'S A.D.A. BATHROOM (LAVATORY/)

Permit Description: Plumbing
Work Class: low hazard storage facilities
Proposed Use: MH2017-00556
Permit Number: Issued
Status: \$6,400.00
Valuation:
Contractor Company: FUJIYAMA CONSTRUCTION INC FUJIYAMA CONSTRUCTION INC, KEITH SHIGEHARA PLUMBING, INC. KEITH SHIGEHARA

Date: 7/12/2017
Permit Type: ALTERATION OF EXISTING WAREHOUSE BUILDING COVERED AREA, TO CONVERT COVERED OPEN AREA SPACE 139 SQUARE FEET TO SLAB ON GRADE
Description: ADDITIONAL MEN'S AND WOMEN'S A.D.A. BATHROOM, W/MEN'S A.D.A. BATHROOM (LAVATORY/WATER CLOSET), MEN'S A.D.A. BATHROOM (LAVATORY/)

Permit Description: Electrical
Work Class:
Proposed Use: EH2017-00919
Permit Number: Issued
Status: \$118,000.00
Valuation:
Contractor Company: IWAMOTO ELECTRIC LLC IWAMOTO ELECTRIC LLC, MATTHEW R KILGORE
Contractor Name: MATTHEW R KILGORE

ADJOINING PROPERTY FINDINGS

Date: 7/5/2017
Permit Type: ALTERATION OF EXISTING WAREHOUSE BUILDING COVERED AREA, TO CONVERT COVERED OPEN AREA SPACE 139 SQUARE FEET TO SLAB ON GRADE
Description: ADDITIONAL MEN'S AND WOMEN'S A.D.A. BATHROOM.
WOMEN'S A.D.A. BATHROOM (LAVATORY/WATER CLOSET), MEN'S A.D.A. BATHROOM (LAVATORY/)

Permit Description: Building
Work Class: low hazard storage facilities
Proposed Use: BH2017-00612
Permit Number: Issued
Status: \$200,000.00
Valuation:
Contractor Company: FUJIYAMA CONSTRUCTION INC FUJIYAMA CONSTRUCTION INC

Date: 1/14/2016
Permit Type: Non-Residential
Description: Reconstruction & ALTERATIONS TO EXISTING WAREHOUSE SPACE; MADE TO 8 SUITES WITH COVERED DRIVEWAYS.
Building
Work Class: Alteration, Reconstruction
Proposed Use: BH2016-00074
Permit Number: Issued
Status: \$150,000.00
Valuation:
Contractor Company: FUJIYAMA CONSTRUCTION INC (FUJIYAMA CONSTRUCTION INC)

ADJOINING PROPERTY FINDINGS

Date: 4/23/2014
Permit Type: Non-Residential
Description: roof mounted pv system

NEW INSTALLATION OF ROOF-MOUNTED PHOTOVOLTAIC SYSTEM TO EXISTING NON-RESIDENTIAL BUILDING

Permit Description: Electrical
Work Class: Alteration
Proposed Use: EH2014-00617
Permit Number: Complete
Status: Complete
Valuation: \$590,850.00
Contractor Company: DWE INC (DWE INC)
Contractor Name: DWE INC (DWE INC)

Date: 4/23/2014
Permit Type: Non-Residential
Description: roof mounted pv system

NEW INSTALLATION OF ROOF-MOUNTED PHOTOVOLTAIC SYSTEM TO EXISTING NON-RESIDENTIAL BUILDING, Alteration,Electrical,Photovoltaic B - Other Bldgs (other than 1-8 and A above)

Permit Description: Building
Work Class: Alteration,Electrical,Photovoltaic,Additions and
Proposed Use: WAREHOUSE STORAGE BLDG
Permit Number: BH2014-00674
Status: Complete
Valuation: \$590,850.00
Contractor Company: DWE INC (DWE INC)
Contractor Name: DWE INC (DWE INC)

ADJOINING PROPERTY FINDINGS

Date: 12/11/2012
Permit Type: Non-Residential
Description: Install 4-new non-res meter socket and feeders.

Permit Description: Electrical
Work Class: New
Proposed Use: EH2012-01913
Permit Number: Complete
Status: Complete
Valuation: \$27,000.00
Contractor Company: HIRAYAMA BROTHERS ELECTRIC INC (HIRAYAMA BROTHERS ELECTRIC INC)
Contractor Name: HIRAYAMA BROTHERS ELECTRIC INC (HIRAYAMA BROTHERS ELECTRIC INC)

Date: 8/20/2012
Permit Type: Non-Residential
Description: PROPOSED PARTIAL DEMOLITION OF EXISTING WAREHOUSE BUILDING 8 (MP BUILDING), Alteration B - Other Bldgs (other than 1-8 and A above), PROPOSED PARTIAL DEMOLITION OF EXISTING WAREHOUSE BUILDING 8 (MP BUILDING)

Permit Description: Building
Work Class: Alteration, Additions and Structural Alterations
Proposed Use: WAREHOUSE
Permit Number: BH2012-00692
Status: Complete
Valuation: \$80,000.00
Contractor Company: STRUCTURAL DYNAMICS, INC. (STRUCTURAL DYNAMICS, INC.)
Contractor Name: STRUCTURAL DYNAMICS, INC. (STRUCTURAL DYNAMICS, INC.)

ADJOINING PROPERTY FINDINGS

Date: 8/20/2012
Permit Type: Non-Residential
Description: PROPOSED ALTERATION TO EXISTING WAREHOUSE BUILDING 5/6, Alteration B - Other Bldgs (other than 1-8 and A above), PROPOSED ALTERATION TO EXISTING WAREHOUSE BUILDING 5/6.

Permit Description: Building
Alteration, Additions and Structural Alterations
Work Class: WAREHOUSE
Proposed Use: BH2012-00683
Permit Number: Complete
Status: Complete
Valuation: \$40,000.00
Contractor/Company: STRUCTURAL DYNAMICS, INC. (STRUCTURAL DYNAMICS, INC.)

Date: 3/31/2011
Permit Type: Non-residential
Description: relocate over feeder

Permit Description: ELECTRICAL
Work Class:
Proposed Use: E2011-0232H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$35,000.00
Contractor/Company: ALBERT M. TATSUHARADBAHAWAII ELECTRICAL SERVICE, INC

ADJOINING PROPERTY FINDINGS

Date: 10/14/2008
Permit Type: Non-residential
Description: "AS-BUILT" SHADE WORK BUILDING ON EXISTING ASPHALT PAVING (NO ELECTRICAL OR PLUMBING)(NOTE: THIS PERMIT TO SATISFY STOP WORK ORDER ISSUED ON 04/17/2008). "AS-BUILT" 80'X14'-6" SHADE WORK BUILDING ON EXISTING ASPHALT PAVING (NO ELECTRICAL OR PLUMBING) (NOTE: THIS PERMIT TO SATISFY STOP WORK ORDER ISSUED ON 04/17/2008). NOTE: SQUARE FOOTAGE AS PER PLANS "AS-BUILT" SHADE WORK BUILDING ON EXISTING ASPHALT PAVING (NO ELECTRICAL OR PLUMBING)(NOTE: THIS PERMIT TO SATISFY STOP WORK ORDER ISSUED ON 04/17/2008)

Permit Description: BUILDING
Work Class: New;
Proposed Use: SHADE WORK BUILDING New Privately Owned Nonresidential Buildings
Permit Number: B2008-2259H
Status: COMPLETED
Valuation: \$15,000.00
Contractor/Company:
Contractor Name: AU CONSTRUCTION

Date: 4/20/2006
Permit Type: Non-residential
Description: REPLACE WOOD SIDING WITH METAL STUD FRAMING & METAL SIDING. REPLACE WOOD SIDING WITH METAL STUD FRAMING & METAL SIDING REPLACE WOOD SIDING WITH METAL STUD FRAMING & METAL SIDING

Permit Description: BUILDING
Alteration:
Work Class: STORAGE BUILDING Additions and Structural Alterations - Repairs
Proposed Use: B2006-1025H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$15,000.00
Contractor/Company:
Contractor Name: CONCEPT CONSTRUCTION ,INC.

ADJOINING PROPERTY FINDINGS

Date: 2/2/2006
Permit Type: Non-residential
Description: BASEPLATE REPAIRS ONLY, BASEPLATE REPAIRS ONLY BASEPLATE REPAIRS ONLY

Permit Description: BUILDING
Work Class: Alteration/Repair;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: B2006-0359H
Status: COMPLETED
Valuation: \$15,000.00
Contractor/Company: CONCEPT CONSTRUCTION, INC.
Contractor Name: CONCEPT CONSTRUCTION, INC.

Date: 1/25/2006
Permit Type: Non-residential
Description: WAREHOUSE UNDER CONSTRUCTION B2004-0780H & B2005-1061H - THIS PERMIT TO COVER ADDING OF RAIN SCREENS TO OPEN STORAGE AREA OF WAREHOUSE. WAREHOUSE UNDER CONSTRUCTION B2004-0780H & B2005-1061H - THIS PERMIT TO COVER THE ADDING OF RAIN SCREENS TO OPEN STORAGE AREA OF WAREHOUSE UNDER CONSTRUCTION B2004-0780H & B2005-1061H - THIS PERMIT TO COVER ADDING OF RAIN SCREENS TO OPEN STORAGE AREA OF WAREHOUSE

Permit Description: BUILDING
Work Class: Addition;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: B2006-0259H
Status: COMPLETED
Valuation: \$3,000.00
Contractor/Company: CONCEPT CONSTRUCTION, INC.
Contractor Name: CONCEPT CONSTRUCTION, INC.

ADJOINING PROPERTY FINDINGS

Date: 11/1/2005
Permit Type: Non-residential
Description: NEW REPAIR/RECONSTRUCTION WORK TO COLUMN BASES IN AN EXISTING BUILDING. ADDING A PORTION OF NEW ROOF & WALL (NOTE: PARTIAL DEMO UNDER B2004-0780H - B4/1V HT)

Permit Description: ELECTRICAL
Work Class: Alteration/Repair
Proposed Use: E2005-2212H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$80,000.00
Contractor/Company: HILTON HARA ELECTRICAL CONTRACTOR LLC
Contractor Name: HILTON HARA ELECTRICAL CONTRACTOR LLC

Date: 4/29/2005
Permit Type: Non-residential
Description: NEW REPAIR/RECONSTRUCTION WORK TO COLUMN BASES IN AN EXISTING BUILDING. ADDING A PORTION OF NEW ROOF & WALL (NOTE: PARTIAL DEMO UNDER B2004-0780H - B4/1V HT). (NOTE: PARTIAL DEMO UNDER B2004-0780H (B4 - IV HT) - REPAIR/RECONSTRUCTION WORK TO COLUMN BASES IN AN EXISTING BUILDING. ADDING A PORTION OF NEW ROOF & WALL. (***) MOST OF BUILDING EXISTING NONCONFORMING(***) NEW REPAIR/RECONSTRUCTION WORK TO COLUMN BASES IN AN EXISTING BUILDING. ADDING A PORTION OF NEW ROOF & WALL (NOTE: PARTIAL DEMO UNDER B2004-0780H - B4/1V HT)

Permit Description: BUILDING
Work Class: Alteration/Electrical/Repair;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: B2005-1061H
Status: COMPLETED
Valuation: \$850,000.00
Contractor/Company: CONCEPT CONSTRUCTION, INC.
Contractor Name: CONCEPT CONSTRUCTION, INC.

ADJOINING PROPERTY FINDINGS

Date: 5/4/2004
Permit Type: Non-residential
Description: PARTIAL DEMOLITION OF 24000 GFS HEAVY TIMBER WAREHOUSE, WHICH IS 1/3 BOF THE BUILDING. SLAB TO REMAIN - NOTE: SEPARATE BUILDING PERMIT REQUIRED TO MODIFY AND/OR ERCT NEW STRUCTURE), PARTIAL DEMOLITION OF EXISTING 24000 GSF HEAVY TIMBER WAREHOUSE WHICH IS 1/3 OF THE BUILDING. SLAB WILL REMAIN. PARTIAL DEMOLITION OF 24000 GFS HEAVY TIMBER WAREHOUSE, WHICH IS 1/3 BOF THE BUILDING. SLAB TO REMAIN - NOTE: SEPARATE BUILDING PERMIT REQUIRED TO MODIFY AND/OR ERCT NEW STRUCTURE)

Permit Description: BUILDING
Work Class: Alteration;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: B2004-0780H
Status: COMPLETED
Valuation: \$80,000.00
Contractor Company: CONCEPT CONSTRUCTION, INC.
Contractor Name:

Date: 11/17/2000
Permit Type: Non-residential
Description: Sewer Connection

Permit Description: PLUMBING
Work Class: Sewer Connection
Proposed Use: M001200*
Permit Number: COMPLETED
Valuation: \$16,000.00
Contractor Company: WILLIAM C. LOEFFLER CONSTRINC
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 12/7/1999
Permit Type: Non-residential
Description: Alteration

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E991279*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$19,000.00
Contractor Company: FUKUNAGA LEC
Contractor Name:

Date: 12/7/1999
Permit Type: Non-residential
Description: Alteration

Permit Description: PLUMBING
Work Class: Alteration
Proposed Use: M990932*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$2,500.00
Contractor Company: SHIGEHARA'S PLBG, INC.
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 12/31/999
Permit Type: Non-residential
Description: 16'X4"X48"6"MEZZANINE FLR RELOC FR ANOTHER STRUCT;1TB INSTLLD W/EXIST WHSE W/STAIR-PARTIAL FOR PARTS STOR;1ST;INSTALL 8"SECURITY-SECURITY FENCE SAFETY SHWR LEAN TO ADDN WELDNGLAME CUT AREA 16'X4"X48"6"MEZZANINE FLR RELOC FR ANOTHER STRUCT;1TB INSTLLD W/EXIST WHSE W/STAIR-PARTIAL FOR PARTS STOR;1ST;INSTALL 8"SECURITY-SECURITY FENCE;SAFETY SHWR;LEAN TO ADDN WELDNGLAME CUT AREA

Permit Description: BUILDING
Work Class: Alteration;Electrical;Plumbing;
Proposed Use: SERVICE AREA;Additions and Structural Alterations - Repairs
Permit Number: 991448*
Status: COMPLETED
Valuation: \$35,000.00
Contractor Company: CONCEPT CONSTRUCTION, INC.
Contractor Name:

Date: 12/21/999
Permit Type: Non-residential
Description: ELECTRICAL
Alteration
Proposed Use: E991261*
Permit Number: COMPLETED
Valuation: \$10,000.00
Contractor Company: HIRAYAMA,BROS ELECTRIC
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 11/10/1999
Permit Type: Non-residential
Description:
Permit Description: PLUMBING
Work Class: Alteration
Proposed Use: M990853*
Permit Number: COMPLETED
Valuation: \$7,500.00
Contractor Company: SHIGEHARA'S PLBG., INC.
Contractor Name:

Date: 11/8/1999
Permit Type: Non-residential
Description: DISMANTLE & REMOVE EXISTING STEEL MEZZANINE STRUCTURE DISMANTLE & REMOVE EXISTING STEEL MEZZANINE STRUCTURE

Permit Description: BUILDING
Work Class: Alteration;
Proposed Use: WAREHOUSE Additions and Structural Alterations - Repairs
Permit Number: 991324*
Status: ACTIVE
Valuation: \$500.00
Contractor Company: CONCEPT CONSTRUCTION, INC.
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 11/18/1999
Permit Type: Non-residential
Description: LOCATED IN BLDG #2 - CONVERSION OF REPAIR SHOP TO CRAFT RETAIL;WIMENS & WOMENS RESTROOM OFFICE ,JANITORS RM & STORAGE LOCATED IN BLDG #2 - CONVERSION OF REPAIR SHOP TO CRAFT RETAIL;WIMENS & WOMENS RESTROOM, OFFICE , JANITORS RM & STORAGE

Permit Description: BUILDING
Work Class: Alteration,
Proposed Use: CRAFT RETAIL-Additions and Structural Alterations - Repairs
Permit Number: 991325*
Status: COMPLETED
Valuation: \$80,000.00
Contractor Company: CONCEPT CONSTRUCTION, INC.
Contractor Name:

Date: 8/23/1999
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E990863*
Permit Number: COMPLETED
Status: Valuation: \$18,000.00
Contractor Company: HIRAYAMA BROS ELECTRIC
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 7/30/1999
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Alteration
Proposed Use: E990783*
Permit Number: COMPLETED
Status: Valuation: \$3,000.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name:

Date: 7/23/1999
Permit Type: Non-residential
Description: BUILDING NO. 1 - DEMO INTERIOR PARTITION; REMOVE BATHROOM; CONVERT AREA INTO RETAIL BUILDING NO. 1 - DEMO INTERIOR PARTITION; REMOVE BATHROOM; CONVERT AREA INTO RETAIL

Permit Description: BUILDING
Work Class: Alteration;Electrical;Plumbing;
Proposed Use: RETAIL/OFFICE Additions and Structural Alterations - Repairs
Permit Number: 990824*
Status: COMPLETED
Valuation: \$140,000.00
Contractor Company: CONCEPT CONSTRUCTION, INC.
Contractor Name:

Date: 9/27/1991
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class: Repair
Proposed Use: E911801*
Permit Number: COMPLETED
Status: Valuation: \$4,200.00
Contractor Company: FUKUNAGA/ELEC
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/25/1987**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **870532***
Status: **ACTIVE**
Valuation: **\$4,500.00**
Contractor Company:
Contractor Name: **HILO CONSTRUCTION INC**

Date: **7/5/1984**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **841178***
Status: **ACTIVE**
Valuation: **\$6,500.00**
Contractor Company:
Contractor Name: **REGO, N.**

Date: **8/22/1983**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **831354***
Status: **ACTIVE**
Valuation: **\$8,000.00**
Contractor Company:
Contractor Name: **GLOVER, JAMES W LTD**

ADJOINING PROPERTY FINDINGS

Date: **11/17/1982**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **821974***
Status: **COMPLETED**
Valuation: **\$5,600.00**
Contractor Company:
Contractor Name: **BIG G CONSTRUCTION INC**

Date: **5/29/1981**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **811391***
Status: **STOPPED**
Valuation: **\$5,000.00**
Contractor Company:
Contractor Name: **GLOVER, JAMES W LTD**

Date: **5/4/1981**
Permit Type: **Non-residential**
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use:
Permit Number: **811127***
Status: **STOPPED**
Valuation: **\$300.00**
Contractor Company:
Contractor Name: **SEKOMOTO, LANCE K**

ADJOINING PROPERTY FINDINGS

Date: 4/9/1981
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 810912*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$70,000.00
Contractor/Company: GLOVER, JAMES W LTD
Contractor/Name:

Date: 9/4/1980
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: EH56575*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$30,000
Contractor/Company: HOKAMA, SEIJI
Contractor/Name:

Date: 4/11/1980
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 800862*
Permit Number: ACTIVE
Status: ACTIVE
Valuation: \$23,000.00
Contractor/Company: GLOVER, JAMES W LTD
Contractor/Name:

ADJOINING PROPERTY FINDINGS

KUHIJO STREET
82. KUHIJO STREET

Date: 7/25/2008
Permit Type: Non-residential
Description: NEW MATSON MODULAR OFFICES

Permit Description: PLUMBING
Work Class: New
Proposed Use: M2008-1019H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$10,000.00
Contractor/Company: G & R PLUMBING INC.
Contractor/Name:

Date: 6/6/2008
Permit Type: Non-residential
Description: NEW MATSON MODULAR OFFICES

Permit Description: ELECTRICAL
Work Class: New
Proposed Use: E2008-0936H
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$10,000.00
Contractor/Company: JOON HAK LEE DBA JOON'S ELEC
Contractor/Name:

ADJOINING PROPERTY FINDINGS

Date: 6/2/2008
Permit Type: Non-residential
Description: NEW MATSON MODULAR OFFICES, NEW MATSON MODULAR OFFICES (20X38), MANAGER'S OFFICE, CONFERENCE ROOM WITH BAR, SINK AND STORAGE ROOM(FLOOR MOUNTED HOT WATER HEATER), MEN'S TOILET, WATER CLOSET, LAVATORY, URINAL, VESTIBULE, WOMEN' NEW MATSON MODULAR OFFICES

Permit Description: BUILDING
Work Class: New Electrical/Plumbing;
Proposed Use: OFFICE New/Privately Owned Nonresidential Buildings
Permit Number: B2008-1076H
Status: COMPLETED
Valuation: \$340,000.00
Contractor Company: TELOS CORPORATION
Contractor Name:

MAHALE-A AVE
39 MAHALE-A AVE

Date: 9/5/2001
Permit Type: Residential
Description: DWELLING UNDER CONSTRUCTION - BP010734 - INCREASE STORAGE AREA; WITHIN CARPORT (2X4) DWELLING UNDER CONSTRUCTION - BP010734 - INCREASE STORAGE AREA; WITHIN CARPORT (2X4)

Permit Description: BUILDING
Work Class: Addition;
Proposed Use: DWELLING Additions and Structural Alterations- Repairs
Permit Number: 011095*
Status: COMPLETED
Valuation: \$100.00
Contractor Company: BURGERT, RUDOLPH H.
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 7/30/2001
Permit Type: Residential
Description:

Permit Description: ELECTRICAL
Work Class: New
Proposed Use:
Permit Number: E010897*
Status: ACTIVE
Valuation: \$3,800.00
Contractor Company: KEL II, ELROY HENRY
Contractor Name:

Date: 6/24/2001
Permit Type: Residential
Description:

Permit Description: PLUMBING
Work Class: New
Proposed Use:
Permit Number: M010703*
Status: COMPLETED
Valuation: \$5,000.00
Contractor Company: SHIGEHARA'S PLBG., INC.
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 6/21/2001
Permit Type: Residential
Description: 3-BEDROOM,2-BATH DWELLING WITH LIVING,KITCHEN,DINING W/2-CAR; CARPORT WITH 1-BATH LAUNDRY ROOM WITHIN 3-BEDROOM,2-BATH DWELLING WITH LIVING,KITCHEN,DINING W/2-CAR; CARPORT WITH 1-BATH,LAUNDRY ROOM WITHIN

Permit Description: BUILDING
Work Class: New Electrical/Plumbing;
Proposed Use: DWELLING New Privately Owned Residential Buildings
Permit Number: 010734*
Status: COMPLETED
Valuation: \$92,000.00
Contractor/Company: BURGERT, RUDOLPH H.

SILVA ST

11 SILVA ST

Date: 1/23/1986
Permit Type: Non-residential
Description: REMOVAL OF EXISTING ROLL-UP DOOR AND WALL UP; REMOVE AN EXISTING WALL AT MECHANICAL ROOM AND CREATE OPENING FOR ACCESS INTO STORAGE - ALL WORK PERFORMED WILL BE AT STORAGE ROOM
REMOVAL OF EXISTING ROLL-UP DOOR AND WALL UP; REMOVE AN EXISTING WALL AT MECHANICAL ROOM AND CREATE OPENING FOR ACCESS INTO STORAGE - ALL WORK PERFORMED WILL BE AT STORAGE ROOM

Permit Description: BUILDING
Work Class: Alteration;
Proposed Use: CONVENIENCE STORE Additions and Structural Alterations - Repairs
Permit Number: 960092*
Status: COMPLETED
Valuation: \$900.00
Contractor/Company: WILLOCKS CONSTR CORP

ADJOINING PROPERTY FINDINGS

Date: 12/4/1985
Permit Type: Non-residential
Description:

Permit Description: PLUMBING
Work Class:
Proposed Use: MH40915*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$400.00
Contractor/Company: GASCO

45 SILVA ST

Date: 2/3/1989
Permit Type: Non-residential
Description:

Permit Description: BUILDING
Work Class:
Proposed Use: 890191*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$1,500.00
Contractor/Company: REGO, N.

Date: 10/17/1988
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: E881495*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$8,000.00
Contractor/Company: GEOCO

ADJOINING PROPERTY FINDINGS

Date: 10/12/1988
Permit Type: Non-residential
Description:

Permit Description: **PLUMBING**
Work Class:
Proposed Use: M881107*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$7,000.00
Contractor Company: DE LIMAS PLUMBING
Contractor Name:

Date: 10/6/1988
Permit Type: Non-residential
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use: 881966*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$120,000.00
Contractor Company: REGO, N.
Contractor Name:

Date: 2/4/1982
Permit Type: Non-residential
Description:

Permit Description: **BUILDING**
Work Class:
Proposed Use: 820199*
Permit Number: STOPPED
Status: STOPPED
Valuation: \$1,500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 9/9/1980
Permit Type: Non-residential
Description:

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use: EH566 10*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$250.00
Contractor Company: FUKUNAGAELEC
Contractor Name:

63 SILVA ST

Date: 12/31/2013
Permit Type: Non-Residential
Description: INSTALLATION OF PHOTOVOLTAIC SYSTEM ON EXISTING WAREHOUSE BUILDING.

SUPPLEMENTAL TO PERMIT# EH2013-02293

Permit Description: **Electrical**
Work Class: Supplemental
Proposed Use: EH2013-02366
Permit Number: Complete
Status: Complete
Valuation: \$47,700.00
Contractor Company: WALTERS ELECTRIC INC (WALTERS ELECTRIC INC)
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: 12/20/2013
Permit Type: Non-Residential
Description: INSTALLATION OF PHOTOVOLTAIC SYSTEM ON EXISTING WAREHOUSE BUILDING.

Permit Description: Electrical
Work Class: Alteration
Proposed Use: EH2013-02293
Permit Number: Complete
Status: Complete
Valuation: \$47,700.00
Contractor Company: WALTERS ELECTRIC INC (WALTERS ELECTRIC INC)
Contractor Name: WALTERS ELECTRIC INC (WALTERS ELECTRIC INC)

Date: 12/20/2013
Permit Type: Non-Residential
Description: INSTALLATION OF PHOTOVOLTAIC SYSTEM ON EXISTING WAREHOUSE BUILDING., Alteration,Electrical,Photovoltaic A1 - Houses and Apts - No change in number of units

Permit Description: Building
Work Class: Alteration,Electrical,Photovoltaic, Additions and
Proposed Use: WAREHOUSE
Permit Number: BH2013-02242
Status: Complete
Valuation: \$47,700.00
Contractor Company: WALTERS ELECTRIC INC (WALTERS ELECTRIC INC)
Contractor Name: WALTERS ELECTRIC INC (WALTERS ELECTRIC INC)

ADJOINING PROPERTY FINDINGS

Date: 11/16/1999
Permit Type: Non-residential
Description: METAL STORAGE BUILDING - 60X40, NO PLUMBING OR ELECTRICAL;TMK: 2-1-010:16 & 18 METAL STORAGE BUILDING - 60X40, NO PLUMBING OR ELECTRICAL;TMK: 2-1-010:16 & 18

Permit Description: BUILDING
Work Class: New;
Proposed Use: STORAGE New,Privately Owned Nonresidential Buildings
Permit Number: 991371*
Status: COMPLETED
Valuation: \$18,000.00
Contractor Company: MOCHIDA, IVAN CONTRACTING INC.
Contractor Name: MOCHIDA, IVAN CONTRACTING INC.

Date: 4/17/1989
Permit Type: Non-residential
Description:

Permit Description: ELECTRICAL
Work Class:
Proposed Use: E890639*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$2,000.00
Contractor Company: HIRAYAMA BROS ELECTRIC
Contractor Name: HIRAYAMA BROS ELECTRIC

ADJOINING PROPERTY FINDINGS

77 SILVA ST

Date: 5/16/1990
Permit Type: Non-residential
Description:
Permit Description: ELECTRICAL
Work Class: New
Proposed Use: E900898*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$5,000.00
Contractor/Company: ABLE ELECTRIC
Contractor Name: ABLE ELECTRIC

Date: 4/9/1990
Permit Type: Non-residential
Description:
Permit Description: ELECTRICAL
Work Class: New
Proposed Use: E900641*
Permit Number: COMPLETED
Status: COMPLETED
Valuation: \$3,500.00
Contractor/Company: ABLE ELECTRIC
Contractor Name: ABLE ELECTRIC

Date: 8/3/1989
Permit Type: Non-residential
Description:
Permit Description: BUILDING
Work Class:
Proposed Use: 891571*
Permit Number: STOPPED
Status: STOPPED
Valuation: \$60,000.00
Contractor/Company: STANIS CONTRACTING
Contractor Name: STANIS CONTRACTING

ADJOINING PROPERTY FINDINGS

Date: 12/5/1988
Permit Type: Non-residential
Description:
Permit Description: ELECTRICAL
Work Class:
Proposed Use: E881784*
Permit Number: STOPPED
Status: STOPPED
Valuation: \$500.00
Contractor/Company: T & TELETRIC
Contractor Name: T & TELETRIC

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, Temp Pole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reasons for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- **Permit Number:** The alphanumeric designation assigned to a permit for tracking within the building department's system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- **Description:** A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- **Permit Type:** Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov/09/2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: \$1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

APPENDIX C

VAPOR ENCROACHMENT SCREENING

TABLE OF CONTENTS

Executive Summary

Primary Map

Map Findings

VAPOR ENCROACHMENT SCREEN

Prepared by: Element Environmental , LLC

7/8/2022

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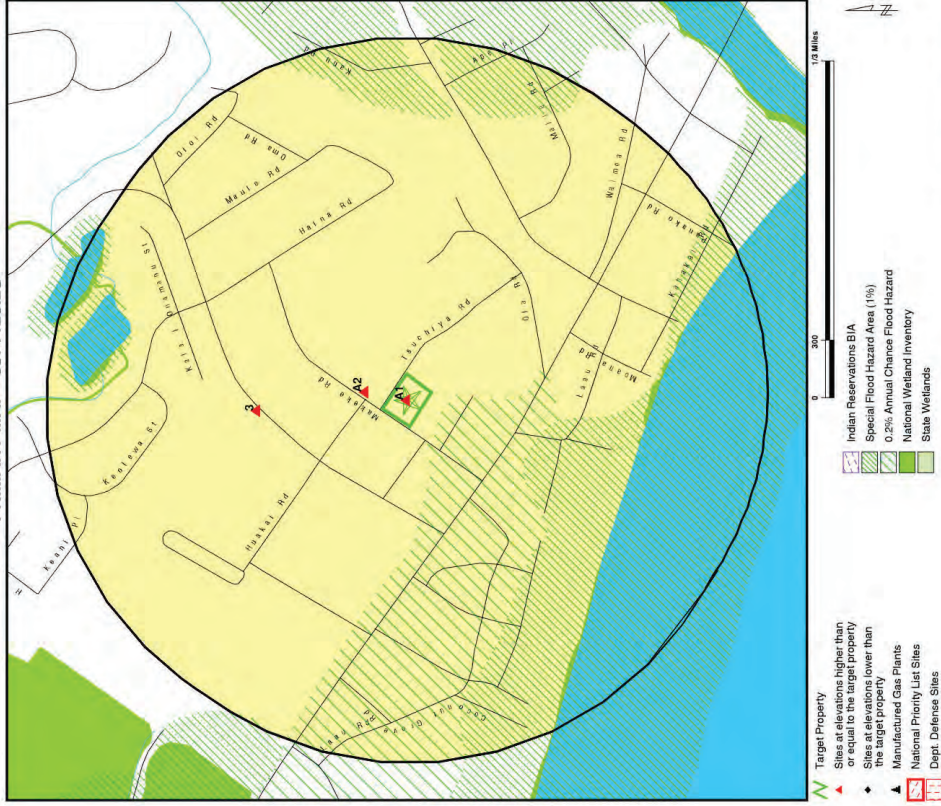
EXECUTIVE SUMMARY

FUDS WAIMEA SCHOOL
 4556 MAKEKE RD, WAIMEA, HI, 96796
 Impact on Target Property: VEC does not exist

WAIMEA CENTRAL OFFICE
 4600 MAKLEKE RD, WAIMEA, HI, 96796
 Impact on Target Property: VEC does not exist

KAUAI VETERANS MEMORIAL HOSPITAL
 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796
 Impact on Target Property: VEC Exists

PRIMARY MAP - 6971125.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Waimea High School - Proposed New Parking Area ADDRESS: 4556 Makeke Rd, Waimea, HI, 96796 LAT/LONG: 21.957968 / 159.669826</p>	<p>CLIENT: Element Environmental, LLC PROJECT: Waimea High School INQUIRY #: 69132-20 DATE: May 06, 2022 8:16 pm</p>
---	---

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MAP FINDINGS

FUDS WAIMEA SCHOOL 4556 MAKEKE RD, WAIMEA, HI, 96796			S120202517
Map ID: A1	Distance: Target Property	Elevation: 21 ft. Above Sea Level	Lists of state- and tribal hazardous waste facilities

Worksheet:

Impact on Target Property: VEC does not exist

Comments: Chemicals of concern are not likely to be present at this source.

Conditions:
Not Applicable: YES

Database Details:

SHWS: Lists of state- and tribal hazardous waste facilities

Name: FUDS WAIMEA SCHOOL
 Address: 4556 MAKEKE RD
 City,State,Zip: WAIMEA, HI 96796
 Supplemental Location: Not Reported
 Island: Kauai
 Environmental Interest: Not Reported
 HID Number: Not Reported
 Facility Registry Identifier: Not Reported
 Lead Agency: HEER Office
 Program: DOD-IRP
 Project Manager: Not Reported
 Hazard Priority: Not Reported
 Potential Hazards And Controls: Not Reported
 Island: Kauai
 SDAR Environmental Interest Name: Not Reported
 HID Number: Not Reported
 Facility Registry Identifier: Not Reported
 Lead Agency: HEER Office
 Potential Hazard And Controls: Not Reported
 Priority: Not Reported
 Assessment: Not Reported
 Response: Not Reported
 Nature of Contamination: Not Reported
 Nature of Residual Contamination: Not Reported
 Use Restrictions: Not Reported
 Engineering Control: Not Reported
 Description of Restrictions: Not Reported
 Institutional Control: Not Reported
 Within Designated Areawide Contamination: Not Reported

MAP FINDINGS

FUDS WAIMEA SCHOOL, 4556 MAKEKE RD, WAIMEA, HI, 96796 (Continued)

Site Closure Type: Not Reported
 Document Date: Not Reported
 Document Number: Not Reported
 Document Subject: Not Reported
 Project Manager: Not Reported
 Contact Information: Not Reported
 Facility ID: 1974
 Location Description: 4556 Makeke Rd, Waimea, HI 96796
 Is Public: True
 Update On: 2020-05-14 11:26:55
 Latitude: 21.957651
 Longitude: -159.670154

MAP FINDINGS

WAIMEA CENTRAL OFFICE 4600 MAKLEKE RD, WAIMEA, HI, 96796		
U00322420		
Map ID: A2	Distance: N <1/10 (123 ft. / 0.023 mi.)	Elevation: 10 ft. Higher Elevation 31 ft. Above Sea Level
Lists of state and tribal leaking storage tanks		Lists of state and tribal registered storage tanks Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist
 Comments: The site has been issued a NFA status by the regulatory agency.

Conditions:
 Petroleum Hydrocarbon Chemicals of Concern: YES
 Groundwater Flow Gradient:
 Upgradient or Indeterminate: YES
 Hydrogeologically: YES
 Topographically: YES

Database Details:

LUST: Lists of state and tribal leaking storage tanks

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796
 Facility ID: 9-700615
 Facility Status: Site Cleanup Completed (NFA)
 Facility Status Date: 10/20/1997
 Release ID: 980006
 Project Officer: Janet Sherr

UST: Lists of state and tribal registered storage tanks

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796
 Facility ID: 9-700615
 Owner: Hawaiian Telecom
 Owner Address: 1177 Bishop Street, Suite 30
 Owner City, St, Zip: Waimea, 96796 96796
 Latitude: 21.959570000000002
 Longitude: -159.6698000000001
 Horizontal Reference Datum: NAD83
 Name: GPS
 Horizontal Collection Method

MAP FINDINGS

WAIMEA CENTRAL OFFICE, 4600 MAKLEKE RD, WAIMEA, HI, 96796 (Continued)

Tank ID: M-1
 Date Installed: 08/02/1995
 Tank Status: Currently in Use
 Date Closed: Not Reported
 Tank Capacity: 600
 Substance: Diesel

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796

Tank ID: R-1
 Date Installed: 03/01/1984
 Tank Status: Permanently Out of Use
 Date Closed: 08/30/1997
 Tank Capacity: 350
 Substance: Diesel

HI Financial Assurance: Other Ascertainable Records

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796
 Ait Facility ID: 9-700615
 Tank Id: M-1
 Tank Status: Currently in Use
 FRTYPE: Other
 Expiration Date: Not Reported
 FR Archive: True

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796
 Ait Facility ID: 9-700615
 Tank Id: R-1
 Tank Status: Permanently Out of Use
 FRTYPE: Other
 Expiration Date: Not Reported
 FR Archive: True

Name: WAIMEA CENTRAL OFFICE
 Address: 4600 MAKLEKE RD
 City, State, Zip: WAIMEA, HI 96796
 Ait Facility ID: 9-700615

MAP FINDINGS

WAIMEA CENTRAL OFFICE, 4600 MAKLEKE RD, WAIMEA, HI, 96796 (Continued)

Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 05/02/2012
FR Archive: True

Name: WAIMEA CENTRAL OFFICE
Address: 4600 MAKLEKE RD
City,State,Zip: WAIMEA, HI 96796
Alt Facility ID: 9-700615
Tank Id: M-1
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 05/02/2012
FR Archive: True

Name: WAIMEA CENTRAL OFFICE
Address: 4600 MAKLEKE RD
City,State,Zip: WAIMEA, HI 96796
Alt Facility ID: 9-700615
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Not Reported
Expiration Date: 05/02/2015
FR Archive: False

Name: WAIMEA CENTRAL OFFICE
Address: 4600 MAKLEKE RD
City,State,Zip: WAIMEA, HI 96796
Alt Facility ID: 9-700615
Tank Id: M-1
Tank Status: Currently In Use
FRTYPE: Not Reported
Expiration Date: 05/02/2015
FR Archive: False

Name: WAIMEA CENTRAL OFFICE
Address: 4600 MAKLEKE RD
City,State,Zip: WAIMEA, HI 96796
Alt Facility ID: 9-700615
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 05/02/2020
FR Archive: False

MAP FINDINGS

WAIMEA CENTRAL OFFICE, 4600 MAKLEKE RD, WAIMEA, HI, 96796 (Continued)

Name: WAIMEA CENTRAL OFFICE
Address: 4600 MAKLEKE RD
City,State,Zip: WAIMEA, HI 96796
Alt Facility ID: 9-700615
Tank Id: M-1
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 05/02/2020
FR Archive: False

MAP FINDINGS

KAUAI VETERANS MEMORIAL HOSPITAL 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796		U001237263
Map ID: 3	Distance: N 1/10 - 1/3 (657 ft. / 0.124 mi.)	Elevation: 14 ft. Higher Elevation 35 ft. Above Sea Level
Lists of state- and tribal hazardous waste facilities Lists of state and tribal leaking storage tanks Records of Emergency Release Reports		

Worksheet:

Impact on Target Property: VEC Exists
 Conditions:
 Petroleum Hydrocarbon Chemicals of Concern: YES
 Groundwater Flow Gradient:
 Upgradient or Indeterminate: YES
 Hydrogeologically: YES
 AQUIFLOW: YES

Database Details:

SHWS: Lists of state- and tribal hazardous waste facilities

Name: KAUAI VETERANS MEMORIAL HOSPITAL
 Address: 4643 WAIMEA CANYON RD
 City/State/Zip: WAIMEA, HI 96796
 Supplemental Location: Not Reported
 Island: Kauai
 Environmental Interest: Not Reported
 HID Number: Not Reported
 Facility Registry Identifier: HEER Office
 Lead Agency: Consultation
 Program: Not Reported
 Project Manager: Not Reported
 Hazard Priority: Not Reported
 Potential Hazards And Controls: Not Reported
 Island: Kauai
 SDAR Environmental Interest Name: Not Reported
 HID Number: Not Reported
 Facility Registry Identifier: HEER Office
 Lead Agency: Not Reported
 Potential Hazard And Controls: Not Reported
 Priority: Not Reported
 Assessment: Not Reported
 Response: Not Reported
 Nature of Contamination: Not Reported
 Nature of Residual Contamination: Not Reported

MAP FINDINGS

KAUAI VETERANS MEMORIAL HOSPITAL, 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796 (Continued)

Use Restrictions: Not Reported
 Engineering Control: Not Reported
 Description of Restrictions: Not Reported
 Institutional Control: Not Reported
 Within Designated Area-wide Contamination: Not Reported
 Site Closure Type: Not Reported
 Document Date: Not Reported
 Document Number: Not Reported
 Document Subject: Not Reported
 Project Manager: Not Reported
 Contact Information: Not Reported
 Facility ID: 2174
 Location Description: 4643 Waimea Canyon Rd
 Is Public: True
 Update On: 2019-10-23 15:42:26
 Latitude: 21.960700
 Longitude: -159.671000

LUST: Lists of state and tribal leaking storage tanks

Name: KAUAI VETERANS MEMORIAL HOSPITAL
 Address: 4643 WAIMEA CANYON RD
 City/State/Zip: WAIMEA, HI 96796
 Facility ID: 9-701046
 Facility Status: Monitored Natural Attenuation
 Facility Status Date: 09/17/2014
 Release ID: 100021
 Project Officer: Allison Huto

SPILLS: Records of Emergency Release Reports

Name: KAUAI VETERANS MEMORIAL HOSPITAL
 Address: 4643 WAIMEA CANYON RD
 Address 2: Not Reported
 City/State/Zip: WAIMEA, HI 96796
 Island: Kauai
 Supplemental Loc. Text: Not Reported
 Case Number: 19930114-2
 Facility Registry ID: 110013387557
 HID Number: Not Reported
 Lead and Program: HEER EP&R
 ER: Not Reported
 Less Or Greater Than: Not Reported
 Units: Kauai Veterans Memorial Hospital Ethylene Oxide Release
 Activity Type: Response

MAP FINDINGS

KAUAI VETERANS MEMORIAL HOSPITAL, 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796 (Continued)

Activity Lead: Not Reported
 Assignment End Date: Not Reported
 SOSC NFA
 File Under: State of Hawaii, Department of Health, West Kauai Medical Center-KVMH
 Substances: Ethylene Oxide
 Quantity: Not Reported
 Units: Not Reported
 Reported Date: Not Reported
 Release Date: Not Reported
 Release Duration: Not Reported
 Media: Not Reported
 Waterbody: Not Reported
 Summary: Not Reported

Is Noteworthy for Reports: Not Reported
 Is the Release a Fugitive Dumping: Not Reported
 Tax Map Key: Not Reported
 Assigned SOSC: Not Reported
 Notified Agencies: Not Reported
 Response Measures Taken: Not Reported
 Incident Report Number: Not Reported
 Coordination Needed: Not Reported
 Tier II Facility: Not Reported
 RMP: Not Reported
 Follow-up Received On: Not Reported
 Cost Recovery: Not Reported
 Invoice To: Not Reported
 Closed Date: Not Reported
 Comments: Not Reported
 Latitude: 22.078434989999999
 Longitude: -159.68544

Name: KAUAI VETERANS MEMORIAL HOSPITAL
 Address: 4643 WAIMEA CANYON RD
 City/State/Zip: WAIMEA, HI 96796
 Island: Kauai
 Supplemental Loc. Text: Not Reported
 Case Number: 19930114-2
 Facility Registry ID: 110013387557
 HID Number: Not Reported
 Lead and Program: HEER EP&R
 ER: Not Reported
 Less Or Greater Than: Not Reported
 Units: Kauai Veterans Memorial Hospital Ethylene Oxide Release
 Activity Type: Response
 Activity Lead: Not Reported

MAP FINDINGS

KAUAI VETERANS MEMORIAL HOSPITAL, 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796 (Continued)

Assignment End Date: Not Reported
 SOSC NFA
 File Under: State of Hawaii, Department of Health, West Kauai Medical Center-KVMH
 Substances: Ethylene Oxide
 Quantity: Not Reported
 Units: Not Reported
 Reported Date: Not Reported
 Release Date: Not Reported
 Release Duration: Not Reported
 Media: Not Reported
 Waterbody: Not Reported
 Summary: Not Reported

Is Noteworthy for Reports: Not Reported
 Is the Release a Fugitive Dumping: Not Reported
 Tax Map Key: Not Reported
 Assigned SOSC: Not Reported
 Notified Agencies: Not Reported
 Response Measures Taken: Not Reported
 Incident Report Number: Not Reported
 Coordination Needed: Not Reported
 Tier II Facility: Not Reported
 RMP: Not Reported
 Follow-up Received On: Not Reported
 Cost Recovery: Not Reported
 Invoice To: Not Reported
 Closed Date: Not Reported
 Comments: Not Reported
 Latitude: 21.960744959999999
 Longitude: -159.67106999999999

Name: KAUAI VETERANS MEMORIAL HOSPITAL
 Address: 4643 WAIMEA CANYON RD
 City/State/Zip: WAIMEA, HI 96796
 Island: Kauai
 Supplemental Loc. Text: Not Reported
 Case Number: 19930114-2
 Facility Registry ID: 110013387557
 HID Number: Not Reported
 Lead and Program: HEER EP&R
 ER: Not Reported
 Less Or Greater Than: Not Reported
 Units: Kauai Veterans Memorial Hospital Ethylene Oxide Release
 Activity Type: Response
 Activity Lead: Not Reported
 Assignment End Date: Not Reported

MAP FINDINGS

KAUAI VETERANS MEMORIAL HOSPITAL, 4643 WAIMEA CANYON RD, WAIMEA, HI, 96796 (Continued)

Result: SOSC NFA
File Under: State of Hawaii, Department of Health, West Kauai Medical Center-KVWH
Substances: Ethylene Oxide
Quantity: Not Reported
Units: Not Reported
Reported Date: Not Reported
Release Date: Not Reported
Release Duration: Not Reported
Media: Not Reported
Waterbody: Not Reported
Summary: Not Reported

Is Noteworthy for Reports: Not Reported
Is the Release a Fugitive Dumping: Not Reported
Tax Map Key: Not Reported
Assigned SOSC: Not Reported
Notified Agencies: Not Reported
Response Measures Taken: Not Reported
Incident Report Number: Not Reported
Coordination Needed: Not Reported
Tier II Facility: Not Reported
RMP: Not Reported
Follow-up Received On: Not Reported
Cost Recovery: Not Reported
Invoice To: Not Reported
Closed Date: Not Reported
Comments: Not Reported
Latitude: 21.996528959999999
Longitude: -159.6776649

APPENDIX D

QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONALS



John A. Ellis
Field Technician

John A. Ellis, Field Technician

EDUCATION:

B.S., Oregon State University, In progress

SPECIALIZED TRAINING:

OSHA 40-hour Initial HAZWOPER Training

C4 HAZWOPER Supervisor

OSHA 30-hour Construction Safety

40-hour Construction Safety Hazard Awareness

ASTM E1527 Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process Certification

Asbestos Worker Certification

Asbestos Inspector Certification

Lead-Based Paint Activities Certification

XRF Safety Training Certification

First Aid and CPR AED

Bloodborne Pathogens

Maritime Security Awareness Course Certification

Medical Examiner's Certification

Level I Antiterrorism Awareness Training

Operations Security Training

PHNSY and IMF Code 106 Occupational Health, Safety, and Environmental Brief Certification

SERE 100.2 Level A SERE Education and Training in Code of Conduct Certification

SUMMARY OF EXPERIENCE:

Mr. Ellis is an Environmental Technician at Element Environmental, LLC (E2). Mr. Ellis joined E2 in November 2015. He has over 5 years of experience in Hawaii, Guam, Japan, and Singapore in the environmental consulting field. His specific expertise includes site assessment, characterization, and remediation; hazardous materials survey; and storm water monitoring.

Mr. Ellis has assisted in many environmental projects involving Phase I Environmental Site Assessments (ESAs), Phase II ESAs, remediation activities, and Construction Environmental Hazard Management Plan (C-EHMP) monitoring and implementation during construction at contaminated sites. He has been the field supervisor for surface and subsurface investigations and groundwater monitoring projects and has assisted with various underground structure closures, including USTs, hoists, oil/water separators, and sumps. He has also assisted with the management and operations and maintenance for remediation systems; hazardous materials assessments/surveys and reporting; industrial waste water and illicit discharge inspections, and AMAP monitoring.

Mr. Ellis has completed training for the ASTM E1527 Standard Practice for ESA and attends periodic training and update presentations to stay current with Phase I ESA trends and upcoming 2021 revisions to the practice.



Angela K. Peltier
Geologist

EDUCATION:

B.S., Geology and Geophysics – University of Hawaii, 2004

SPECIALIZED TRAINING:

OSHA 40-hour Initial HAZWOPER Training

ASTM E1527 Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process Certification

SUMMARY OF EXPERIENCE:

Ms. Peltier is a Geologist at Element Environmental, LLC (E2). Ms. Peltier joined E2 on July 1, 2006, when E2 merged with Mountain Edge Environmental, Inc. She has 17 years of experience in Hawaii in the environmental consulting field. Her specific expertise includes site assessment, characterization, and remediation.

Ms. Peltier has assisted in many environmental projects involving Phase I Environmental Site Assessments (ESAs), Phase II ESAs, Environmental Hazard Evaluations (EHEs), Environmental Hazard Management Plans (EHMPs), Environmental Condition of Property (ECP) evaluations, preliminary assessments, emergency spill response, subsurface investigation, groundwater monitoring, assessment of fate and transport of surface and groundwater contaminants, soil and groundwater remediation, risk assessment, groundwater monitoring, and explosive gas monitoring. She has also assisted in underground storage tank (UST) removal projects which included preparation of plans and specifications for UST removal, UST removal monitoring, release response activities such as over-excavation, installation of soil borings and groundwater monitoring wells, long-term remediation design and implementation, and report preparation.

Ms. Peltier has also performed Phase I ESAs and has assisted with the preparation of environmental impact statements and environmental assessments. She has also performed environmental and hydrogeological investigations and has conducted remediation activities for several illegal landfill sites.

Ms. Peltier has been involved in several water quality related projects, including preparation of National Pollutant Discharge Elimination System (NPDES) permit applications for an auto recycling facility, an aquarium, and a well drilling operation, preparation of Storm Water Pollution Control Plans for an auto recycling facility and a solid waste transfer station; storm water and industrial discharge monitoring at various sites.

Ms. Peltier has completed training for the ASTM E1527 Standard Practice for ESA and attends periodic training and update presentations to stay current with Phase I ESA trends and upcoming 2021 revisions to the practice.

Angela K. Peltier, Geologist



Arlene H. Campbell, L.G.
Associate
Senior Geologist

EDUCATION:

Graduate Work in Geology - Vanderbilt University, 1988 - 1989
B.A., Geology (minor in Hydrology) - Austin Peay State University, 1988

PROFESSIONAL REGISTRATIONS:

Licensed Geologist, Washington State, No. 1664, 2002

SPECIALIZED TRAINING:

OSHA 40-hour Initial HAZWOPER Training and Current 8-hour Refresher
Hazardous Waste Site Supervisor Training

SUMMARY OF EXPERIENCE:

Ms. Campbell is an Associate and Senior Geologist at Element Environmental, LLC (E2). Ms. Campbell joined E2 on July 1, 2006, when E2 merged with Mountain Edge Environmental, Inc. She has over 31 years of experience in Hawaii in the environmental consulting field. Her specific expertise includes site assessment, characterization, and remediation. Ms. Campbell has assisted with several state level task forces to assess environmental risk and address petroleum contaminated soils.

Ms. Campbell has managed many environmental projects involving Phase I Environmental Site Assessments (ESAs), preliminary assessments, emergency spill response, subsurface investigation, groundwater monitoring, assessment of fate and transport of surface and groundwater contaminants, soil and groundwater remediation, and risk assessment. She has also managed numerous underground storage tank (UST) removal projects which included preparation of plans and specifications for UST removal, UST removal monitoring, release response activities such as over-excavation, installation of soil borings and groundwater monitoring wells, long-term remediation design and implementation, and report preparation.

Ms. Campbell has also managed a number of complex hazardous and biological waste removal and site closure projects which involved geophysical surveys, preparation of plans and specifications, waste characterization, and removal and disposal activities. She has performed Phase I ESAs and has assisted with the preparation and review of environmental impact statements. She has also performed environmental and hydrogeological investigations and has conducted remediation activities for several illegal landfill sites. Noteworthy projects Ms. Campbell has managed included several large emergency response site investigations and remediation projects involving the release of petroleum and polychlorinated biphenyls. One of these projects included an emergency response to a major gasoline spill on Kauai that impacted air, soil, surface water, and groundwater. For this project, Ms. Campbell coordinated with the U.S. Coast Guard, county fire and police departments, EPA Region 9, HDOH, responsible parties, property owners, tenants, and the community. She monitored explosivity and contaminant migration in the subsurface, underground structures/utilities, buildings, a private sewage pumping station, an adjacent stream and the Pacific Ocean; coordinated emergency medical treatment and medical monitoring of affected spill response personnel and civilians; monitored installation of soil vapor points, soil borings, and groundwater monitoring wells; collected soil vapor, soil, groundwater, and stream water samples; prepared release response report; and provided technical support to legal team.

Ms. Campbell has been the principal investigator for several water quality related projects, including preparation of National Pollutant Discharge Elimination System (NPDES) permit applications for an auto recycling facility, an aquarium, a well drilling operation, a cemetery, and a museum; preparation of Storm Water Pollution Control Plans for an auto recycling facility and a solid waste transfer station; storm water and industrial discharge monitoring at various sites; and assisting clients in addressing NPDES compliance issues.

Arlene H. Campbell, L.G., Senior Geologist



APPENDIX F

Transportation Study

Hilo Harbor Private Land Acquisition Transportation Study

June 2023
Prepared by: Fehr and Peers

Hilo Harbor Private Land Acquisition Transportation Study

Prepared for:
Belt Collins Hawai'i
(A Bowers + Kubota Company)

June 9, 2023

FEHR PEERS

SD21-0411

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1. Executive Summary

Fehr & Peers prepared this Transportation Study for the Private Land Acquisition Project (“Project”) at Hilo Harbor proposed by the State of Hawai‘i, Department of Transportation, Harbors Division (HDOT-H). The Project includes the acquisition of five (5) new parcels that would add 10 acres to the existing Hilo Harbor facilities. HDOT-H is pursuing this acquisition for two key reasons: to improve traffic conditions and increase internal operational efficiency.

The proposed Project is not expected to generate new pedestrian, bicycle, or vehicular trips to and from the Project site. The acreage is intended to improve traffic flow conditions along Kalamiana‘ole Street by creating new harbor entry points and internal stacking lanes for Matson, Pasha, and Young Brothers cargo trucks. Further, this additional acreage would provide cargo companies with more internal space to increase the efficiency of their cargo delivery process. The Project is expected to be completed and fully operational within approximately 10 years.

As part of this study, Fehr & Peers reviewed existing conditions and intersection operations near the three major Hilo Harbor entrance points. Due to construction along the south side of the Kalamiana‘ole Street between Kūhiō Street and Railroad Avenue at the time field observations were conducted in February 2022. Existing traffic volumes were adjusted to represent pre-construction conditions and accounted for construction-related traffic diversion. An intersection operation analysis was performed to determine average delay times and the resulting level of service (LOS) ratings at each intersection. The report also documents existing pedestrian, bicycle, and transit facilities serving the Project site.

Additionally, we reviewed the proposed site access improvements prepared by the Project Team. We provided additional recommendations to improve internal and external circulation. Key recommendations include:

Kahanu Street:

- Establish clear signage or assign additional traffic personnel during peak times to manage the queue of cargo vehicles exiting the stacking lane ensuring they do not block mauka-bound traffic exiting Kahanu Street.
- Implement channelization measures to guide trucks exiting the stacking area, ensuring they enter Kahanu Street at least 50 feet makai of the Kalamiana‘ole Street intersection.
- Include a new median island at Kahanu and Kalamiana‘ole, enhancing pedestrian safety at the intersection. Ensure that all median islands at the intersection have raised curbs to channelize vehicle traffic appropriately and comply with ADA design requirements.



Kūhiō-Silva Street:

- Include a new median island at Kūhiō-Silva Street and Kalaniana'ole, enhancing pedestrian safety at the intersection. Ensure that all median islands at the intersection have raised curbs to channelize vehicle traffic appropriately and comply with ADA design requirements.

Kūmau Street:

- Angle the driveway entrance to a new queuing area located immediately makai of the existing Airgas Store building for all inbound trucks destined for the Young Brothers area of the Port off Kūmau Street. While angled driveways are not ideal from a pedestrian safety perspective, a limited number of pedestrians are expected to be walking on the east side of Kūmau Street at this location. Signage should be installed to make drivers aware of potential conflicts with pedestrians.

Additional engineering and design are necessary to ensure the feasibility of our recommended improvements.

2. Introduction

Hilo Harbor (hereinafter referred to as “the Project Site”) is located on the northeast side of the Island of Hawai'i. Hilo Harbor is one of several commercial harbors owned and operated by the State of Hawai'i Department of Transportation Harbors Division (HDOT-H). The following study analyzes the potential transportation impacts of the proposed 10-acre acquisition to expand Hilo Harbor (hereinafter referred to as “the proposed Project”) and provides recommendations for improving roadway congestion and circulation.

HDOT Harbors Division is pursuing the acquisition of the 10-acre parcels to improve access into Hilo Harbor, address traffic control issues on adjacent roadways, and improve internal operational efficiency. The proposed Project aims to improve traffic flow along Kalaniana'ole Street by creating new harbor entry points and internal stacking lanes for cargo trucks that enter/exit the Project Site. The additional acreage would also provide more internal space to increase the efficiency of the cargo delivery process.

The schedule for the proposed circulation plan is expected to be determined after the acquisition of the identified parcels. This chapter includes a description of the Project Site, Project description, and methodology/assumptions used to conduct the transportation assessment.

2.1 Hilo Harbor Site

Hilo Harbor is located on the north side of Kalaniana'ole Street between Kahanu Street and Kūmau Street. Cargo companies operate on three piers on the Project Site.

Table 1 provides a summary of each pier's use.

Table 1: Summary of Hilo Harbor Pier Use

Pier	Principal Cargo/Pier Use
1	Overseas containers and cruise ships
2	Inter-island cargo
3	Liquid-bulk cargo and pipelines. Inter-island cargo

Source: HDOT Hilo Harbor Facilities (2022).

The following provides a brief description of each pier and its uses ¹.

¹ worldportsource.com



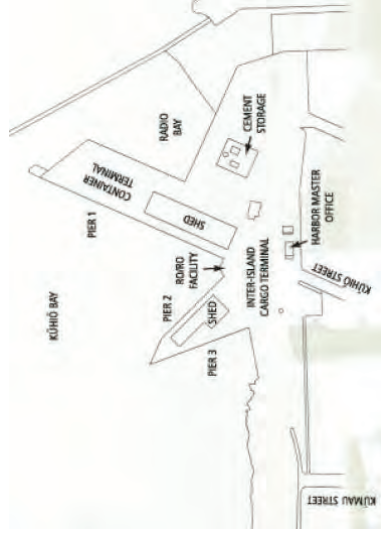
Pier 1 is used to ship and receive conventional and containerized general cargo and automobiles. It is also used for receiving dry bulk commodities, bulk fertilizers, and lumber. In addition, Pier 1 is used for boarding/disembarking passengers from cruise ships when they access Hawai'i Island. Hilo Harbor's Pier 1 is located adjacent to the inner end of the breakwater. It has berthing space of 382 meters (1,255 feet) with an alongside depth of 10.4 meters (34 feet).

Pier 2 is used to receive and ship conventional and containerized general cargo and automobiles. It is also used to receive lumber and bulk cement. A platform at the inner end of Pier 2 in Hilo Harbor is used for loading roll-on/roll-off cargo and sewing Pier 1.

Pier 3 is used for shipping and receiving conventional and containerized general cargo and automobiles. It receives petroleum products, liquefied petroleum gas, and dry bulk commodities. It is also used to moor towboats and to board passengers. Pier 3 shares the paved storage area at Pier 2.

Figure 1 shows the location of each pier.

Figure 1: Hilo Harbor pier map (source HDOT)



At present time, three major cargo companies operate at Hilo Harbor: Matson, Pasha, and Young Brothers. Each cargo company is assigned an individual connection off Kalaniana'ole Street to access the Project Site. Matson accesses the Project Site through Kahanu Street, while Pasha accesses via Kūhiō Street and Young Brothers access via Kūmau Street.



2.2 Project Description

Acquiring the new parcels would add ten (10) acres to the Hilo Harbor facilities, further expanding the harbor's footprint on the makai side of Kalaniana'ole Street. HDOT-H is pursuing this acquisition for two key reasons: to improve traffic conditions and increase internal operational efficiency.

Figure 2 shows the study area and the proposed land acquisition.

2.2.1 Improving Traffic Conditions

The existing two-lane configuration of Kalaniana'ole Street is subject to traffic congestion from the Project Site and adjacent land uses. First, the Project Site's peak travel demand generally aligns with the morning and afternoon peak travel demand of three neighboring schools, although truck and other vehicle volumes may peak at different times of day depending on the shipping schedule, weather conditions, etc.

Second, Kalaniana'ole Street is the primary evacuation route for the Project Site, as well as the neighboring Keaukaha homestead community, both of which are located within the tsunami evacuation zone. Improving traffic operations and reducing delays on Kalaniana'ole Street would greatly increase the ability of Harbor users and area residents to safely evacuate during a tsunami or other emergency. Lastly, the Project Site provides service for several cruise ship passengers visiting the Island of Hawai'i each month.

2.2.2 Internal Operation Efficiency

The proposed Project acquisition would provide HDOT-H and the Project Site's three cargo companies with more internal space to increase the efficiency of their cargo delivery process and to store goods/containers. The existing facility was originally designed to handle 20-foot cargo containers and modern cargo containers are primarily between 40-45 feet in length.

Figure 3 illustrates the proposed site circulation showing access for Pasha and Matson Group using the middle driveway between Kahuanu and Kūhiō-Silva Streets. Traffic related to Young Brothers will continue using Kūmau Street.



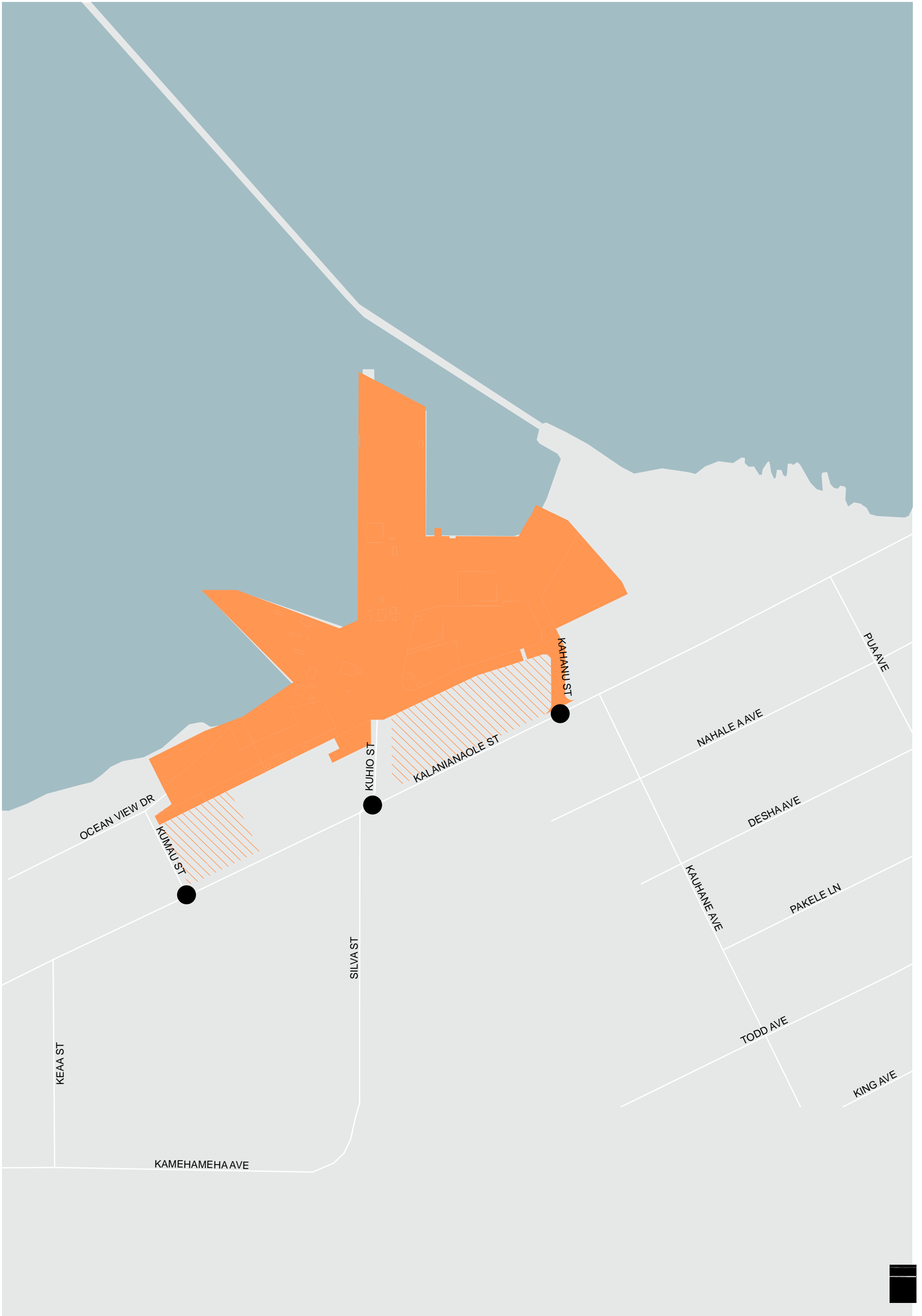


Figure 2

Legend

- Study Intersections
- Project Site
- ▨ Adjacent Parcels

Study Area

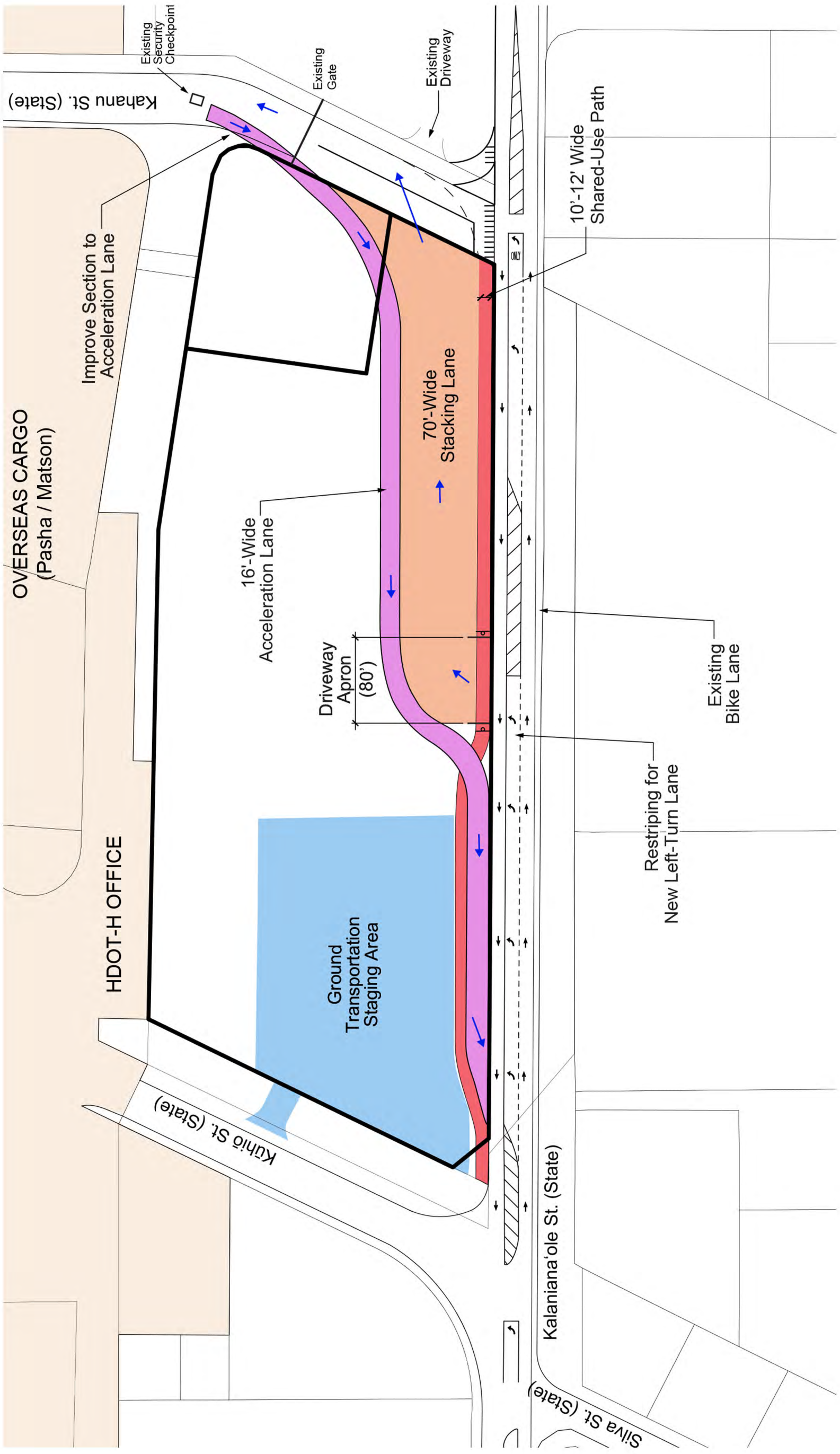


Figure 3

2.3 Study Intersections

The analysis of this transportation study focused on evaluating the existing street network and intersection operations in the vicinity of the proposed land acquisition and environmental assessment. The analyzed intersections are listed below:

1. Kalamiana'ole Street & Kahanu Street
2. Kalamiana'ole Street & Kihio-Silva Street
3. Kalamiana'ole Street & Kumau Street

Turning Movement Count at each study intersection was conducted for two periods on February 9, 2022. The morning period was conducted between 6:00 to 9:00 AM and the evening period was conducted between 2:30 PM to 5:30 PM. The study intersections were evaluated during the highest one-hour travel demand of the morning peak period and evening peak period at each study intersection. The total number of bicyclists and pedestrians crossing each street leg was also counted at each intersection. Segment counts were collected between February 9 and February 15, 2022, to determine if the traffic counts should be adjusted to account for a busier day and to identify the temporal distribution of traffic on Kalamiana'ole Street near the site.

2.4 Analysis Scenarios

The operations of the study intersections were evaluated during the weekday morning and evening peak hours for Existing (2022) Conditions. The analysis of existing traffic conditions was based on 2022 counts collected for weekday peak periods. The existing conditions analysis includes a description of key area streets and an assessment of bicycle, pedestrian, and transit facilities and services in the study area.

2.5 Traffic Analysis Methods

The analysis of roadway operations performed for this study is based on procedures presented in the *Highway Capacity Manual 6th Edition* (HCM), published by the Transportation Research Board in 2016. The operations of roadway facilities are described with the term level of service (LOS).

LOS is a qualitative description of traffic flow based on such factors as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, which is the least congested operating conditions, to LOS F, which is the most congested operating conditions. LOS E represents "at-capacity" operations. Operations are designated as LOS F when volumes exceed capacity, resulting in stop-and-go conditions. The methodologies for unsignalized intersections are described below.

2.5.1 Unsignalized Intersections

Unsignalized intersection operations were evaluated using the method contained in Chapter 20: Two-Way Stop-Controlled Intersections of the HCM. LOS ratings for stop-sign-controlled intersections are based on the average control delay expressed in seconds per vehicle. For two-way or side-street stop-controlled intersections, the average control delay is calculated for each minor-street-stopped movement and the major street left turns, not for the intersection as a whole. For approaches composed of a single lane, the control delay is computed as the average of all movements in that lane. For approaches with multiple lanes, the control delay is computed for each movement; the movement with the worst (i.e., longest) delay is presented for two-way stop-controlled intersections. The average control delay for unsignalized intersections is calculated using Synchro 11.0 analysis software and is correlated to a LOS designation as shown in **Table 2**.

Table 2: Unsignalized Intersection Level of Service Criteria

LOS	Description	Delay (sec)
A	Little or no delay	≤ 10.0
B	Short traffic delay	> 10.0 to 15.0
C	Average traffic delays	> 15.0 to 25.0
D	Long traffic delays	> 25.0 to 35.0
E	Very long traffic delays	> 35.0 to 50.0
F	Extreme traffic delays with intersection capacity exceeded	> 50.0

Source: *Highway Capacity Manual 6th Edition*, Transportation Research Board, 2016



3. Existing Conditions

The following chapter describes the Project Site's adjacent transportation network. This includes the existing roadway system and all bicycle, pedestrian, and transit facilities adjacent to the Project Site. Overall, the assessment of the existing conditions relevant to this study establishes the scenario against which the future proposed Project changes are compared.

3.1 Roadway System

The key roadways providing access to the Hilo Harbor site are described below.

Kalaniana'ole Street is a two-lane undivided collector road serving as the primary access to the Project Site. Parking is not allowed along this corridor and the posted speed limit is 35 miles per hour (mph). Separate left-turn lanes and/or an acceleration lane are provided at selected intersections.

The section of the road adjacent to the study has recently been improved with repaving and striped bike lanes on both sides of the road.

Kamehameha Avenue/Silva Street is a two-lane undivided collector road between Kalaniana'ole Street and Silva Street. Street parking is not allowed on the street and the posted speed limit is 25 mph.

Kūhiō Street is a two-lane undivided roadway. Street parking is not allowed on the street and the posted speed limit is 25 mph.

Kūmau Street is a four-lane undivided roadway serving between Kalaniana'ole Street and Ocean View Dr. Street parking is not allowed on the street and the posted speed limit is 25 mph

Kauhane Avenue is a two-lane undivided collector. Street parking is not allowed on the street and the posted speed limit is 25 mph.



3.2 Pedestrian Facilities

Pedestrian facilities consist of crosswalks, curb ramps, and pedestrian signals at signalized intersections, as well as sidewalks. The study area has a minimal amount of pedestrian activity. Pedestrian facilities provided at the study intersections are described below:

Kalaniana'ole Street & Kahuana Street includes a High Visibility Crossing (HVC) on the north leg of the intersection, however, the paint was mostly faded when observations were made in 2022. Sidewalks are provided on the south side of Kalaniana'ole street from Kahuana street to approximately 500 feet west of Kahuana Street.



Kalaniana'ole Street & Kūhiō-Silva Street includes an HVC on the west leg of the intersection. Sidewalks are provided on the west side of Kūhiō street between Kalaniana'ole Street and the Hilo Harbor entrance. Sidewalks are also provided on the north side of Kalaniana'ole Street from Silva Street to the west. The south side of the Kalaniana'ole was closed to pedestrians due to construction at the time field observations were conducted.



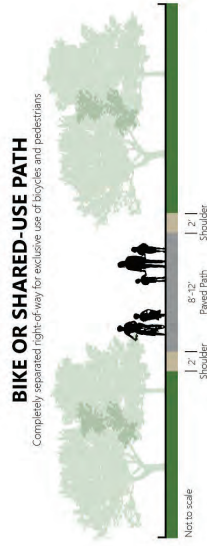
Kalaniana'ole Street / Kūmau Street includes an HVC on the north leg of the intersection, however, the paint is faded. Sidewalks are provided on side of Kalaniana'ole Street on both sides. The south side of Kalaniana'ole was closed to pedestrians due to construction at the time field observations were conducted.



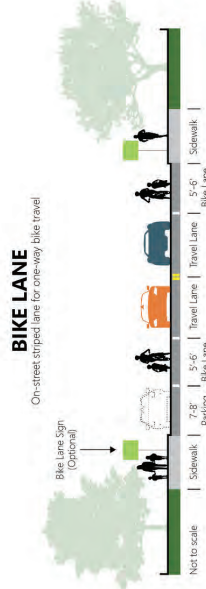
3-3 Existing Bicycle Facilities

Bicycle facilities generally consist of four types of facilities, which are outlined below:

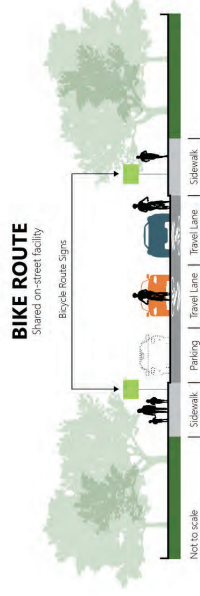
Bike or Shared Use Paths provide a separate right-of-way and are designated for the exclusive use of bicycles and pedestrians (or exclusively bicycles) with vehicle and pedestrian crossflow minimized. Generally, the recommended pavement width for a two-directional bike or multi-use path is ten (10) feet.



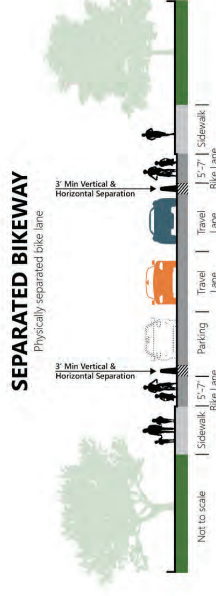
Bike Lanes provide a restricted right-of-way and are designated for the use of bicycles with a striped lane on a street or highway. Bicycle lanes are generally five (5) feet wide. Adjacent vehicle parking and vehicle/pedestrian cross-flow are permitted.



Bike Route or Signed Shared Roadways provide for a right-of-way designated by signs or shared lane pavement markings, or "sharrows," for shared use with pedestrians or motor vehicles.



Separated or Protected Bikeways (or Cycle Tracks) provide a restricted right-of-way with physical separation and are designated for the use of bicycles with a raised barrier such as curbs or flexible bollards. Separated bikeways are generally a minimum of five (5) feet wide (excluding gutter) with a three (3) foot minimum horizontal and vertical separation area. Adjacent vehicle parking is permitted, and vehicle/pedestrian crossflow is restricted to selected locations (e.g., driveways) indicated by breaks in the barrier and buffer.



There are currently shoulder bike lanes striped on both sides of Kalamiana'ole Street along the Hilo Harbor site.



3-4 Transit Facilities

Hele-On Bus is provided by the County of Hawai'i and is the primary public transportation service on the Island of Hawai'i. Hele-On Bus Route 101 provides service along Kalamiana'ole Street. There are two bus stops along the frontage of the Project Site; an outbound bus stop at Kalamiana'ole Street and Silva Street and an inbound bus stop at Kalamiana'ole Street and Kūmau Street. Route 101 provides service from the Mo'ohau Bus Terminal to King's Landing/Richardson's Beach Park, with notable stops at the Hilo International Airport and Hilo Post Office in between. An additional 5 stops are added to Route 101 on Sundays and Holidays. The existing transit schedules are summarized in **Table 3**.

Table 3: Existing Transit Services

Route	From	To	Weekdays		Weekends	
			Operating Hours (AM)	Operating Hours (PM)	Operating Hours (AM)	Operating Hours (PM)
101	Mo'ohau Bus Terminal	King's Landing	6:15AM – 11:43 AM	12:20 PM – 7:43 PM	9:15 AM – 1:53 AM	12:15 PM – 5:53 PM
101	King's Landing	Mo'ohau Bus Terminal	6:53 AM – 11:11 AM	12:53 PM – 7:11 PM	9:53 AM – 11:11 AM	12:53 PM – 5:11 PM

Source: Hele-On Bus, 2022

3-5 Existing Traffic Conditions

Existing traffic conditions data were collected on February 9, 2022, and February 10, 2022, during the AM peak hour traffic (7:00 to 8:00 AM) and PM peak hour traffic (4:00 to 5:00 PM). Data was collected on non-holiday weekdays when local area schools were in session.

Vehicle volumes were studied at the following three intersections on Wednesday, February 9.

1. Kalamiana'ole Street / Kūmau Street
2. Kalamiana'ole Street / Kūhiō Street
3. Kalamiana'ole Street / Kahanu Street

Existing peak hour traffic volumes and lane configurations are shown in **Figure 4**.

Existing pedestrian and bicycle peak hour traffic volumes and lane configurations are shown in **Figure 5**.

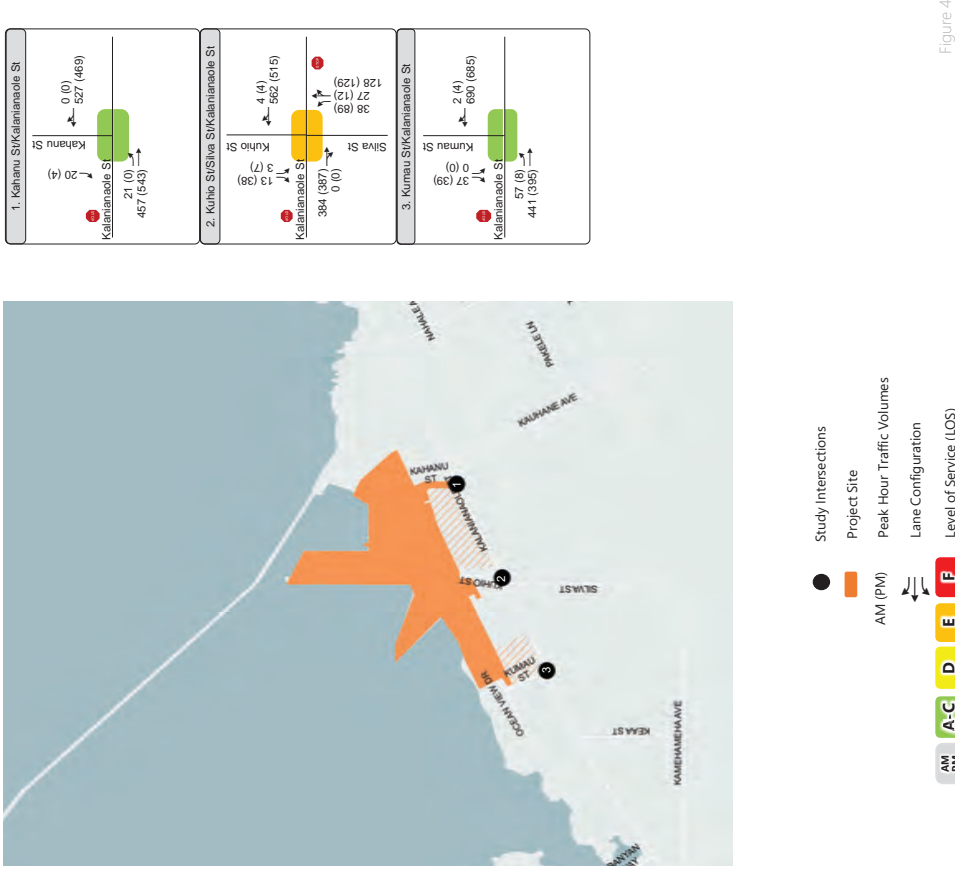


Figure 4

Peak Hour Traffic Volumes Existing (2022) Conditions



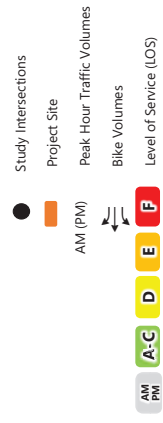
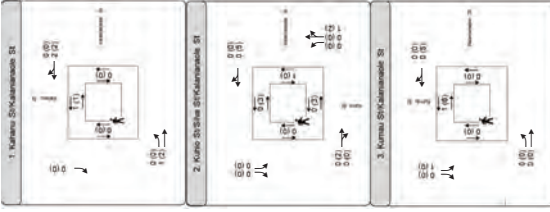
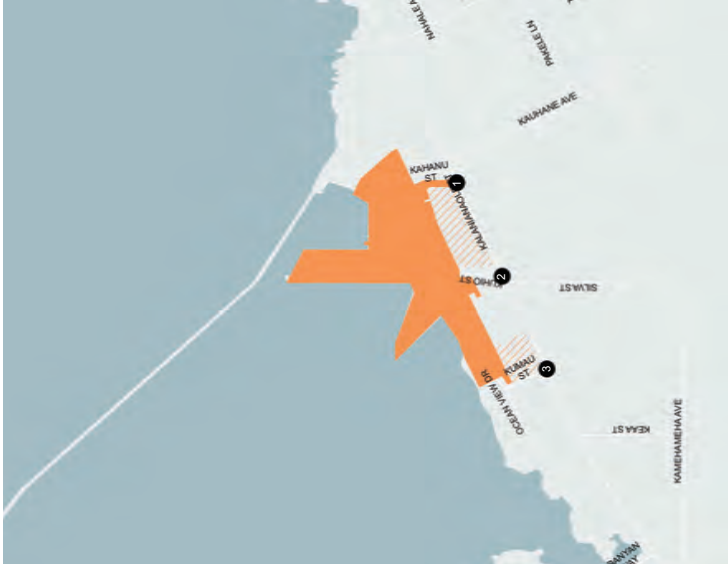


Figure 5
Pedestrian and Bicycle Peak Hour Traffic Volumes
Existing (2022) Conditions

Because Harbor operations and traffic volumes can vary on a day-to-day basis, daily traffic volumes were also collected on several street segments near the Project site. The average Daily Traffic (ADT) volume is defined as the number of vehicles passing a point or a segment of a roadway in both directions over a 24-hour period. ADT counts were collected for seven (7) days between February 9, 2022, and February 15, 2022, on Kalamiana'ole Street between Kauhane Avenue & Kahanu Street, and for 48 hours (February 9th and 10th at two additional locations:

1. Kamehameha Avenue between Kalamiana'ole Street & Kea Street
2. Kalamiana'ole Street between Kea Street & Banyan Way

Table 4 provides the count for each day surveyed, and the results of these counts were used to adjust the intersection analysis volumes along Kalamiana'ole Street.

Table 4: Segment Volumes

Weekday	Average Daily Traffic (ADT) ^a	
	Kalamiana'ole St (Kea St to Banyan Wy)	Kalamiana'ole St (Kauhane Av to Kahanu St) (Kalamiana'ole St to Kea St)
Monday	8,590	-
Tuesday	8,180	-
Wednesday ^b	7,621	10,418
Thursday	7,988	11,297
Friday	8,361	-
Saturday	7,737	-
Sunday	5,408	-
Average of Mid-Weekday (T-Th) Volumes	7,930	10,858
Weekday adjustment factor	4%	-

Source: Fehr & Peers, 2022
 a. Data collection between Wednesday, February 9, and Tuesday, February 15, 2022
 b. Intersection volumes were collected on Wednesday, February 9, 2022.

Traffic counts are typically collected on a typical midweek day (i.e., Tuesday, Wednesday, or Thursday). Based on the data in **Table 4**, the average mid-weekday ADT was identified to be 4% more than the Wednesday ADT, which is the day that the intersection turning movement counts were collected. Therefore, existing volumes at the study intersection were increased by 4% to represent an average weekday. ADT count sheets are provided in **Appendix A**.



3.6 Traffic Volume Adjustment

Due to construction along the mauka side of Kalaniana'ole Street during field visits and the intersection data collection day (February 9th, 2022), the eastbound direction is closed between Kūhiō Street and Railroad Avenue. Traffic was redirected to use Kamehameha Avenue and Silva Street to merge back into Kalaniana'ole Street. Turning Movement Counts were adjusted to represent pre-construction conditions. The construction conditions mainly affected traffic that passes the area to the east or has a destination between Kūhiō-Silva Street and Railroad Avenue. To estimate pre-construction conditions, approximately 75% of the makai-bound right-turn and left-turn traffic at the Kalaniana'ole Street/Silva Street intersection were re-assigned to Kalaniana'ole Street.

3.7 Existing (2022) Conditions

The results of the existing LOS analysis are presented below in **Table 5**, and the corresponding LOS calculation sheets are included in **Appendix B**. The results of the calculations indicate that all intersections operate at the desired service level (LOS D or better) during both AM and PM peak periods except for intersection number 2.

Table 5: Existing Intersection Level of Service

Study Intersection	Traffic Control	Weekday Peak Hour	Existing (2022) Conditions		Critical Movement for Side Street
			Delay (sec/veh)	LOS	
1. Kalaniana'ole St. & Kahanu St.	SSSC	AM	15.0	C	-
		PM	13.7	B	-
2. Kalaniana'ole St. & Kūhiō-Silva St.	SSSC	AM	49.0	E	South/Mauka Bound Left-Turn
		PM	43.5	E	South/Mauka Bound Left-Turn
3. Kalaniana'ole St. & Kūmau St.	SSSC	AM	19.3	C	-
		PM	19.3	C	-

Source: Fehr & Peers, 2022
SSSC = Side Street Stop Controlled

3.8 Review of Collision Data

Collision data was reviewed based on the Hawai'i Department of Transportation Highway Program Status webtool². The tool reports all fatal crashes throughout the State of Hawai'i. No fatal crashes were reported near the study corridor.

The Project will improve traffic conditions and is anticipated to increase safety. Given that it is not possible to perfectly predict human behavior and random fluctuations in crash locations or frequency, additional factors and influences may obfuscate the effects of the proposed Project. This does not constitute, and is not meant to be, a comprehensive review of safety in the study or surrounding area, which could be much broader in scope (e.g., including a review of individual collision records, human factors considerations, and comparisons of the collision rates and frequencies with similar localities)

3.9 Field Observations

Field observations were conducted in February 2022. No significant vehicle queues were observed at any of the Project Site entrances during the site visit. Some trucks were observed to arrive before the opening of the gates, however, no queues were observed spilling back to Kalaniana'ole Street. It should be noted that mauka-bound left-turn movements from Kahanu Street to Kalaniana'ole Street are prohibited.

Field interviews were conducted with security staff at each entry location. Following provide a summary of anecdotal information at each location:

Matson (Entrance: Kahanu Street)

- Arriving vehicles are stopped at the entrance for paperwork checks. Paperwork reviews typically take between 3 to 5 minutes.
- During busy days, 4 to 5 trucks have been observed queuing up behind the security gate. Some of the queues spill back to Kalaniana'ole Street.
- Every other week, car shipments arrive at this location. Car pickup days tend to be one of the highest activity periods at this location.
- Matson mostly serves international shipments, so the site operates on both weekdays and weekends. Gates are open for longer hours compared to the other two cargo companies.

Pasha (Entrance: Kūhiō-Silva Street)

- Arriving vehicles are stopped at the entrance for paperwork checks. Paperwork reviews typically take between 1 to 2 minutes.
- Vans and small trucks are the main types of vehicles arriving at this location.
- Congestion on Kalaniana'ole Street is high during school pick-up/drop-off hours.

² Hawai'i Department of Transportation Highway Program Status.



- Queues typically spill back to Kalamiana'ole Street during school hours.
- **Young Brothers (Entrance: Kūmau Street)**
 - Arriving vehicles are stopped at the entrance for paperwork checks. Paperwork reviews typically take between 1 to 2 minutes.
 - The site typically closes around 11:30 AM on Tuesdays, Wednesdays, and Fridays. Mondays and Thursdays tend to be busier times for the site and the gates close at 3:30 PM.
 - The gates are closed on weekends, however, operations are conducted internally.
 - Occasionally queues spill back to Kalamiana'ole Street during school pick-up/drop-off hours.

A common comment among security staff at all three entrances was that occasionally trucks arrive at the wrong gate, which sometimes causes additional delays to redirect them back to the right gate.

3-10 Other Area Improvements

Planning documents were reviewed to identify, developments or future improvement projects that are expected within the study area. According to HDOT Highway Program Status Report, Kalamiana'ole Street re-pavement between Railroad Avenue and Silva Street is the only ongoing improvement that was identified within the study area.



4. Site Access and Circulation Review

Our site access analysis includes a description of the planned improvements for site access (Appendix C) and provides recommendations to improve internal and external circulation. See **Figure 3** for the proposed circulation plan provided by HDOT-H that illustrates truck access for each of the harbor areas by each user.

4.1 Kahanu Street Access

The proposed Project includes the construction of a new paved area on the makai side of Kalamiana'ole Street between Kahanu and Kūhiō-Silva Streets on the newly acquired property. Trucks destined for both the Matson and Pasha Group cargo areas will utilize a new mid-block driveway on Kalamiana'ole Street, turn immediately right and queue in a new 70' wide stacking area, and then turn left onto Kahanu Street to enter the site. To exit the site, truck traffic will use the exit lane located parallel to and on the north side of the stacking lanes within the property. The exit lane will connect to an acceleration lane prior to Kūhiō-Silva Streets where trucks will be able to merge onto Kalamiana'ole Street.

The circulation path for trucks entering and exiting the Matson and Pasha sites is shown in **Figure 3**. At least twelve (12) inbound WB-67 trucks will be able to queue in the proposed stacking lanes prior to turning left onto Kahanu Street. An additional two trucks would be able to queue on Kahanu Street in advance of the security gate. All employee and visitor private vehicles will use the existing eastbound left-turn lane on Kalamiana'ole Street and turn makai onto Kahanu Street to enter the site and use the opposite direction to exit the site. All vehicles traffic associated with cruise ship passenger activity will use Kūhiō Street to enter and exit the site.

The planned configuration shows a dedicated left turn pocket serving the mid-block driveway. Eastbound truck traffic will queue if needed in this dedicated left-turn lane while waiting for an appropriate gap in westbound traffic. This lane would allow for the temporary storage of up to three (3) cargo vehicles on Kalamiana'ole Street.

Queuing on the newly acquired parcel between Kahanu and Kūhiō-Silva Streets will greatly reduce existing queuing occurring on Kahanu Street itself. However, it is imperative that cargo vehicles turning left onto Kahanu Street to enter the project site area do not block mauka-bound traffic exiting the same facility. Signage informing drivers "Do Not Block Any Lane" or additional traffic personnel assigned to



manage the queue during peak times will be needed to support adequate circulation. Additional design review is needed to ensure turning templates provide access to the staging area and access to the secure area of the Project Site. We recommend that trucks exiting the stacking area be channelized so that they enter Kāhānu Street at least 50 feet makai or north of the Kālanianaʻōle Street intersection.

In addition, we propose including a new median island for the mauka bound approach and a high visibility crosswalk across the new lane to improve pedestrian access through the intersection. All median islands at this intersection should: 1) include raised curbs to appropriately channelize vehicle traffic and to enhance safety for pedestrians and bicyclists using the crosswalks at this intersection, and 2) should be compliant with Americans with Disabilities Act (ADA) design requirements. All the recommended improvements are conceptually illustrated on **Figure 6**.

4-2 Kūhiō-Silva Street Access

The Kūhiō-Silva access will mainly serve traffic related to ground transportation staging area located on the northeast corner of the intersection of Kālanianaʻōle Street and Kūhiō Street. The area is designated to be used as a staging area for ground transportation vehicles serving cruise passengers. The staging area effectively separates the cruise passenger traffic from cargo trucks.

As recommended at the Kāhānu Street intersection in **Section 4.1** above, all median islands at the Kūhiō-Silva Street intersection should include raised curbs and be ADA-compliant. New crosswalks should be striped with a high visibility configuration if they do not already exist. These improvements are illustrated in conceptual form on **Figure 6**.

4-3 Kūmau Street Access

Inbound trucks destined for the Young Brothers area of the Port will turn left onto Kūmau Street and enter a new queuing area located immediately makai of the existing Airgas Store building. This queuing area is planned to include three lanes that will provide temporary storage for up to six (6) WB-67 trucks. It is anticipated that employees and other visitor private vehicles entering the Port area from Kūmau Street will continue to use this roadway (without entering the new queuing area) and will turn right from the existing makai-bound right turn lane. Additionally, the section of Kūmau Street adjacent to the stacking lanes is proposed to be widened to three lanes where the left lane will serve the residences along the Ocean View Drive and reduce conflict between the residents and Port-generated traffic.

To minimize delay to trucks entering the new queuing area and to maximize the use of the available stacking lanes, the driveway entrance to this area should be angled and should not require trucks to make a 90-degree turn into the site. While angled driveways are not ideal from a pedestrian safety perspective, a limited number of pedestrians are expected to be walking on the east side of Kūmau Street at this



location. Signage should be installed to make drivers aware of potential conflicts with pedestrians. This modification is illustrated in conceptual form in **Figure 6**.

Exiting trucks from the Young Brothers area will use the existing path that includes turning left onto Kūmau Street and then right onto Kālanianaʻōle Street.

4-4 Bicycle and Pedestrian Travel

This section includes a list of bicycle and pedestrian amenities that will greatly enhance the overall experience of all roadway users on Kālanianaʻōle Street beyond the bike lanes and new sidewalks on both sides of Kālanianaʻōle Street. For the section of Kālanianaʻōle Street from Kūhiō-Silva Street to Kāhānu Street, we recommend the installation of a shared-use path for bikes and pedestrians on the makai side where a merge/acceleration lane will be provided. A shared-use path will reduce the conflict between bicyclists and large cargo vehicles by providing a separate travel way for these users. The path will be located adjacent to the curb on the eastern section of this segment, and it will cross over and be located on the makai side of the truck merge lane as it traverses the western section of the segment (see **Figure 6**). We also recommend that a raised AC berm or similar curb structure be installed on the eastern section between the shared use path and the stacking area to clearly delineate the travel path for trucks and to provide a vertical barrier to enhance active traveler safety.

As noted in **Sections 4.1** and **4.2** above, new and existing median islands should be modified to include raised curbs and high-visibility crosswalks at the Kālanianaʻōle Street and Kāhānu Street, and Kūhiō-Silva Street intersections. These modifications will enhance overall safety in the corridor and improve connectivity for bicyclists and pedestrians. In addition, all pedestrian facilities should be ADA-compliant to provide equitable access for all users.

On Kūmau Street makai of Kālanianaʻōle Street, we recommend angling the inbound driveway to the new truck queuing area. This design is not typically recommended because it involves the crossing of a sidewalk and can reduce safety for pedestrians by encouraging higher travel speeds. However, trucks will travel at a relatively slow speed having just made the turn onto Kūmau Street, and the volume of pedestrians using this sidewalk is expected to be very low.

Figure 6 includes these recommended active transportation improvements at a conceptual level.



Appendix A: Traffic and Segment Counts



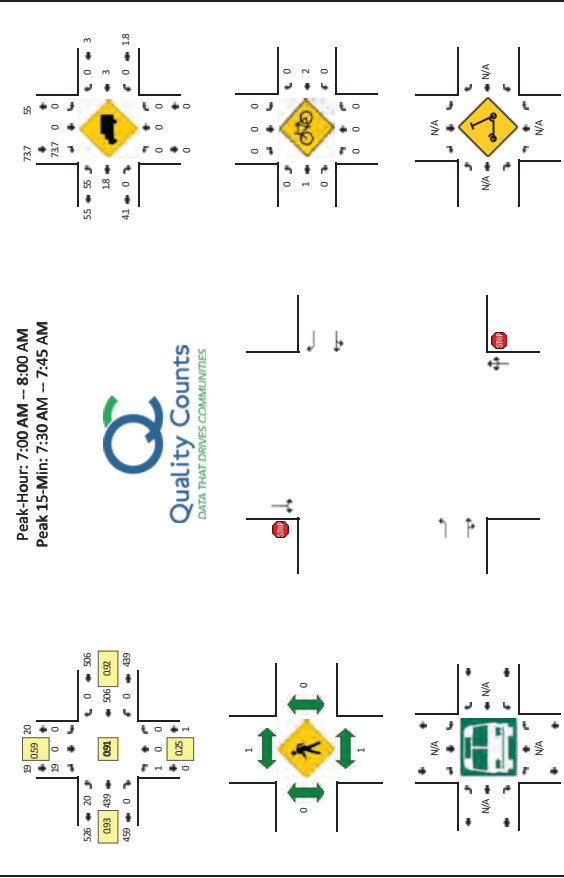
Figure 6

Recommended Improvements

Figure not to scale



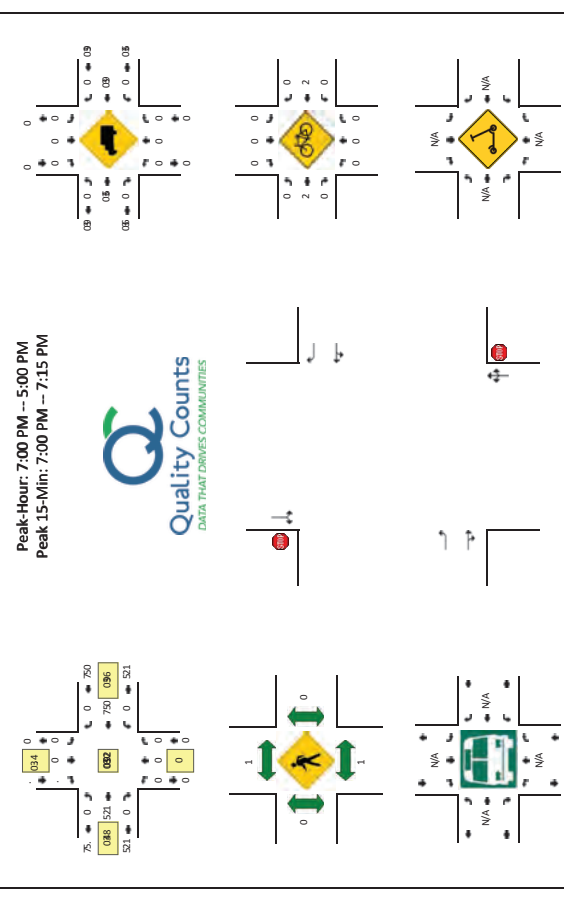
Type of peak hour being reported: Intersection Peak
 Method for determining peak hour: Total Entering Volume
 LOCATION: Kahanu St -- Kalaniana'ole St
 CITY/STATE: Hilo, HI
 QC JOB #: 15692601
 DATE: Wed, Feb 9 2022



15-Min Count Period Beginning At	Kahanu St (Northbound)			Kahanu St (Southbound)			Kalaniana'ole St (Eastbound)			Kalaniana'ole St (Westbound)			Total Hourly Totals		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		U	
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	329
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	475
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	669
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	985
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	973
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	385
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	872
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
Peak 15-Min Flowrates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	753
Northbound		Southbound		Eastbound		Westbound								Total	
Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U
4	0	0	0	0	0	0	0	40	452	0	0	552	0	0	1080
0	0	0	0	0	0	0	0	24	8	0	0	16	0	0	72
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments:
 Report generated on 2/21/2022 11:48 AM
 SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

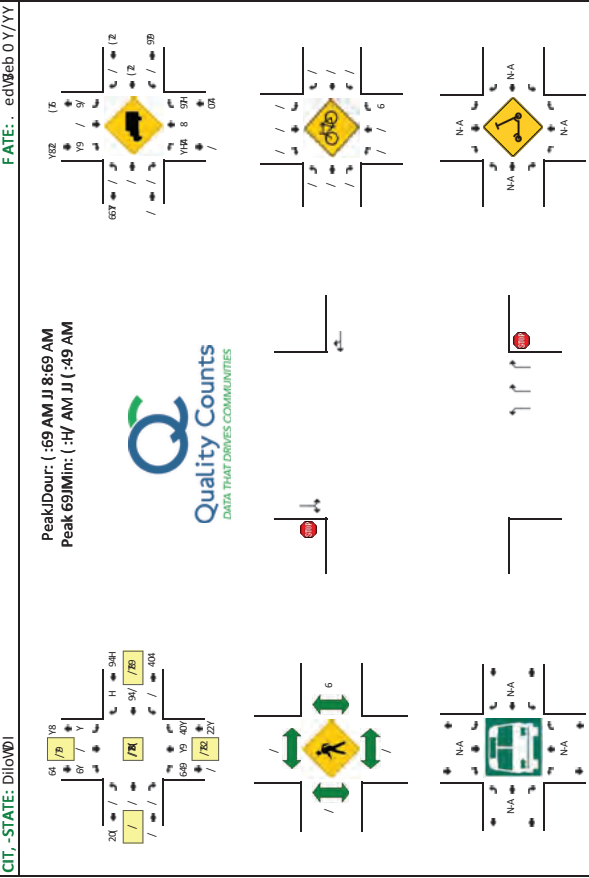
Type of peak hour being reported: Intersection Peak
 Method for determining peak hour: Total Entering Volume
 LOCATION: Kahanu St -- Kalaniana'ole St
 CITY/STATE: Hilo, HI
 QC JOB #: 15692602
 DATE: Wed, Feb 9 2022



15-Min Count Period Beginning At	Kahanu St (Northbound)			Kahanu St (Southbound)			Kalaniana'ole St (Eastbound)			Kalaniana'ole St (Westbound)			Total Hourly Totals		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		U	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	951
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	216
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	956
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	218
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	921
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	977
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	278
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	920
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	927
Peak 15-Min Flowrates	Northbound		Southbound		Eastbound		Westbound								Total
Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments:
 Report generated on 2/21/2022 11:74 AM
 SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-488-540-2212

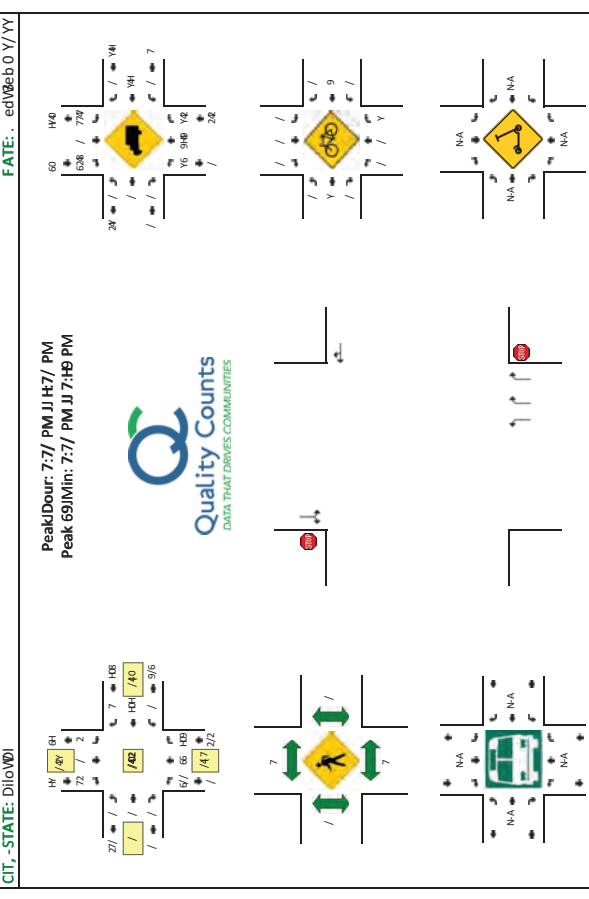
Type of peak hour being reported: Intersection Peak
 Method for determining peak hour: Total Entering Volume
 BC #01 S: 6920V2/H
 LOCATION: Kuhio St-Si'Qa St-JJ Kalamiana'ole St
 FATE: .. edV8eb 0 Y/Y



69JMin Count Period Beginning At	Kuhio St-Si'Qa St Northbound			Kuhio St-Si'Qa St Southbound			Kalamiana'ole St Eastbound			Kalamiana'ole St Westbound			Total Daily Totals		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
2:77 AM	67	61	6	6	6	6	6	6	6	6	6	6	86		
3:49 AM	67	61	6	6	6	6	6	6	6	6	6	6	86		
4:24 AM	46	42	4	4	4	4	4	4	4	4	4	4	412		
5:00 AM	60	86	6	6	6	6	6	6	6	6	6	6	987		
5:45 AM	67	61	6	6	6	6	6	6	6	6	6	6	86		
6:20 AM	67	61	6	6	6	6	6	6	6	6	6	6	86		
6:55 AM	47	66	6	6	6	6	6	6	6	6	6	6	844		
7:30 AM	47	66	6	6	6	6	6	6	6	6	6	6	844		
8:05 AM	9	89	6	6	6	6	6	6	6	6	6	6	918		
8:40 AM	9	28	6	6	6	6	6	6	6	6	6	6	660		
8:49 AM	46	20	6	6	6	6	6	6	6	6	6	6	608		
Peak 69JMin flow rates			Northbound			Southbound			Eastbound			Westbound			Total
All Vehicles	7/4	91H	4	4	4	4	4	4	4	4	4	4	64/8		
Deer Trucks	H2	4	4	4	4	4	4	4	4	4	4	4	6H		
Light Trucks															
Motorcycles															
Scoters															

Comments:
 Report generated on Y-Y6/Y-Y 66:48 AM
 SOWJCE: B uality CountsWLC (http:--v v v Qualitycounts2eetR6I8 (/B98/JY67

Type of peak hour being reported: Intersection Peak
 Method for determining peak hour: Total Entering Volume
 BC #01 S: 6920V2/H
 LOCATION: Kuhio St-Si'Qa St-JJ Kalamiana'ole St
 FATE: .. edV8eb 0 Y/Y



69JMin Count Period Beginning At	Kuhio St-Si'Qa St Northbound			Kuhio St-Si'Qa St Southbound			Kalamiana'ole St Eastbound			Kalamiana'ole St Westbound			Total Daily Totals		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
7:07 PM	78	67H	6	6	6	6	6	6	6	6	6	6	937		
7:42 PM	71	67	6	6	6	6	6	6	6	6	6	6	937		
8:17 PM	76	67	6	6	6	6	6	6	6	6	6	6	987		
8:52 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
9:27 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
10:02 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
10:37 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
11:12 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
11:47 PM	72	66	6	6	6	6	6	6	6	6	6	6	937		
12:22 AM	72	66	6	6	6	6	6	6	6	6	6	6	937		
Peak 69JMin flow rates			Northbound			Southbound			Eastbound			Westbound			Total
All Vehicles	6/H	62H	6	6	6	6	6	6	6	6	6	6	660Y		
Deer Trucks	Y/H	7Y	6	6	6	6	6	6	6	6	6	6	6		
Light Trucks															
Motorcycles															
Scoters															

Comments:
 Report generated on Y-Y6/Y-Y 66:48 AM
 SOWJCE: B uality CountsWLC (http:--v v v Qualitycounts2eetR6I8 (/B98/JY67

Appendix B: Existing (2022) Conditions Intersection Analysis Worksheets

Type of report: Tube Count - Volume Data									
LOCATION: Kamehameha Ave btwn Kalaiananalei St & Keaa St									
SPECIFIC LOCATION: HILO									
CITY/STATE: HILO, HI									
OC JOB #: 15692608									
DIRECTION: EB, WB									
DATE: Feb 9, 2022 - Feb 10, 2022									
Start Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM								37	
01:00 AM			31	42				36	
02:00 AM			29	42				28	
03:00 AM			24	32				40	
04:00 AM			42	38				87	
05:00 AM			71	102				133	
06:00 AM			131	134				386	
07:00 AM			389	382				742	
08:00 AM			760	724				540	
09:00 AM			527	552				488	
10:00 AM			492	484				571	
11:00 AM			643	593				724	
12:00 PM			750	698				728	
01:00 PM			682	773				780	
02:00 PM			705	854				726	
03:00 PM			697	795				669	
04:00 PM			683	655				523	
05:00 PM			560	523				366	
06:00 PM			360	319				234	
07:00 PM			246	221				174	
08:00 PM			168	180				135	
09:00 PM			112	157				82	
10:00 PM			69	95				77	
11:00 PM			74	79				8971	
Day Total			8713	9215					
% Weekday Average			97.1%	102.7%					
% Week Average			97.1%	102.7%					
AM Peak Volume			7:00 AM	7:00 AM				7:00 AM	
			760	724				742	
PM Peak Volume			12:00 PM	2:00 PM				2:00 PM	
			750	854				780	

SO LRCE: Quality Counts, LLC (http://www.qualitycounts.net)

Report generated on 2/16/2022 9:56 AM



HCM 6th TWSC

1.: Kalaniana'ole St & Kahanu St

05/06/2022

HCM 6th TWSC

2.: Silva St/Kuhio St & Kalaniana'ole St

05/06/2022

Intersection												
Int Delay, s/veh												
3.7												
Movement	EBL	EBT	WBT	WBR	SBL	SBR						
Lane Configurations												
Traffic Vol, veh/h	21	457	527	0	0	20						
Future Vol, veh/h	21	457	527	0	0	20						
Conflicting Peds, #/hr	2	0	0	2	0	0						
Sign Control	Free	Free	Free	Free	Stop	Stop						
RT Channelized	-	None	-	Yield	-	None						
Storage Length	205	-	-	-	-	0						
Veh in Median Storage, #	-	0	0	-	-	0						
Grade, %	-	0	0	-	-	0						
Peak Hour Factor	92	92	92	92	92	92						
Heavy Vehicles, %	90	15	15	90	90	90						
Mvmt Flow	23	497	573	0	0	22						
Major/Minor	Major1	Major2	Minor1	Minor2								
Conflicting Flow All	575	0	-	0	-	575						
Stage 1	-	-	-	-	-	-						
Stage 2	-	-	-	-	-	-						
Critical Hdwy	5	-	-	-	-	7.1						
Critical Hdwy Stg 1	-	-	-	-	-	-						
Critical Hdwy Stg 2	-	-	-	-	-	-						
Follow-up Hdwy	3.01	-	-	-	-	4.11						
Pot Cap-1 Maneuver	678	-	-	-	-	0	384					
Stage 1	-	-	-	-	-	0	-					
Stage 2	-	-	-	-	-	0	-					
Platoon blocked, %	-	-	-	-	-	-	-					
Mov Cap-1 Maneuver	677	-	-	-	-	-	383					
Mov Cap-2 Maneuver	-	-	-	-	-	-	-					
Stage 1	-	-	-	-	-	-	-					
Stage 2	-	-	-	-	-	-	-					
Approach	EB	WB	SB									
HCM Control Delay, s	0.5	0	15									
HCM LOS				C								
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1							
Capacity (veh/h)	677	-	-	-	383							
HCM Lane V/C Ratio	0.034	-	-	-	0.057							
HCM Control Delay (s)	10.5	-	-	-	15							
HCM Lane LOS	B	-	-	-	C							
HCM 95th %ile Q(veh)	0.1	-	-	-	0.2							

EX_Adjustment_AM_DOT Hilo Harbor Land Acquisition 5:23 pm 03/31/2022 AM Peak Hour

Intersection												
Int Delay, s/veh												
3.7												
Movement	EBL	EBT	WBT	WBR	SBL	SBR						
Lane Configurations												
Traffic Vol, veh/h	0	384	0	0	562	4	38	27	128	3	0	13
Future Vol, veh/h	0	384	0	0	562	4	38	27	128	3	0	13
Conflicting Peds, #/hr	3	0	3	3	0	3	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	None	-	-	-	Free	-	-	None	-	-	Free
Storage Length	-	-	-	-	-	-	50	-	-	-	0	50
Veh in Median Storage, #	-	0	-	-	-	-	0	-	-	-	0	-
Grade, %	-	0	-	-	-	-	0	-	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	90	15	15	15	90	15	90	15	90	15	90	90
Mvmt Flow	0	417	0	0	611	4	41	29	139	3	0	14
Major/Minor	Major1	Major2	Minor1	Minor2								
Conflicting Flow All	-	0	-	0	1031	1031	420	1112	-	-	-	-
Stage 1	-	-	-	-	420	420	-	611	-	-	-	-
Stage 2	-	-	-	-	611	611	-	501	-	-	-	-
Critical Hdwy	-	-	-	-	7.25	7.4	6.35	8	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	6.25	6.4	-	7	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	6.25	6.4	-	7	-	-	-	-
Follow-up Hdwy	-	-	-	-	3.635	4.81	3.435	4.31	-	-	-	-
Pot Cap-1 Maneuver	0	-	-	-	0	200	166	606	128	0	0	0
Stage 1	0	-	-	-	0	886	464	359	0	0	0	0
Stage 2	0	-	-	-	0	459	370	-	419	0	0	0
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	199	166	604	85	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	199	166	-	85	-	-	-
Stage 1	-	-	-	-	-	886	463	-	359	-	-	-
Stage 2	-	-	-	-	-	459	370	-	302	-	-	-
Approach	EB	WB	SB									
HCM Control Delay, s	0	0	21.1									
HCM LOS				C								
Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBT	SBLn1	SBLn2					
Capacity (veh/h)	199	414	-	-	-	-	85					
HCM Lane V/C Ratio	0.208	0.407	-	-	-	-	0.038					
HCM Control Delay (s)	27.8	19.5	-	-	-	-	49					
HCM Lane LOS	D	C	-	-	-	-	E					
HCM 95th %ile Q(veh)	0.8	1.9	-	-	-	-	0.1					

EX_Adjustment_AM_DOT Hilo Harbor Land Acquisition 5:23 pm 03/31/2022 AM Peak Hour

HCM 6th TWSC

3: Kalaniana'ole St & Kurmau St

05/06/2022

Intersection										
Int Delay, s/veh	1.2									
Movement	EBL	EBT	WBT	WBR	SBL	SBR				
Lane Configurations	↔	↔	↔	↔	↔	↔				
Traffic Vol, veh/h	57	441	690	2	0	37				
Future Vol, veh/h	57	441	690	2	0	37				
Conflicting Peds, #/hr	6	0	0	6	0	0				
Sign Control	Free	Free	Free	Free	Stop	Stop				
RT Channelized	-	None	-	None	-	None				
Storage Length	115	-	-	-	-	0				
Veh in Median Storage, #	-	0	0	-	-	0				
Grade, %	-	0	0	-	-	0				
Peak Hour Factor	92	92	92	92	92	92				
Heavy Vehicles, %	90	15	15	90	90	90				
Mvmt Flow	62	479	750	2	0	40				
Major/Minor	Major1	Major2	Minor2							
Conflicting Flow All	758	0	-	0	1360	757				
Stage 1	-	-	-	-	757	-				
Stage 2	-	-	-	-	603	-				
Critical Hdwy	5	-	-	-	7.3	7.1				
Critical Hdwy Stg 1	-	-	-	-	6.3	-				
Critical Hdwy Stg 2	-	-	-	-	6.3	-				
Follow-up Hdwy	3.01	-	-	-	4.31	4.11				
Pot Cap-1 Maneuver	564	-	-	-	107	294				
Stage 1	-	-	-	-	338	-				
Stage 2	-	-	-	-	408	-				
Platoon blocked, %	-	-	-	-	-	-				
Mov Cap-1 Maneuver	561	-	-	-	94	292				
Mov Cap-2 Maneuver	-	-	-	-	94	-				
Stage 1	-	-	-	-	299	-				
Stage 2	-	-	-	-	406	-				
Approach	EB	WB	SB							
HCM Control Delay, s	1.4	0	19.3							
HCM LOS	C									
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2				
Capacity (veh/h)	561	-	-	-	-	292				
HCM Lane V/C Ratio	0.11	-	-	-	-	0.138				
HCM Control Delay (s)	12.2	-	-	-	-	19.3				
HCM Lane LOS	B	-	-	-	-	A C				
HCM 95th %ile Q(veh)	0.4	-	-	-	-	0.5				

EX_Adjustment_AM_DOT Hilo Harbor Land Acquisition 5:23 pm 03/31/2022 AM Peak Hour

HCM 6th TWSC

1: Kalaniana'ole St & Kahanu St

05/06/2022

Intersection										
Int Delay, s/veh	0.1									
Movement	EBL	EBT	WBT	WBR	SBL	SBR				
Lane Configurations	↔	↔	↔	↔	↔	↔				
Traffic Vol, veh/h	0	543	469	0	0	4				
Future Vol, veh/h	0	543	469	0	0	4				
Conflicting Peds, #/hr	2	0	0	2	0	0				
Sign Control	Free	Free	Free	Free	Stop	Stop				
RT Channelized	-	None	-	Yield	-	None				
Storage Length	205	-	-	-	-	0				
Veh in Median Storage, #	-	0	0	-	-	0				
Grade, %	-	0	0	-	-	0				
Peak Hour Factor	92	92	92	92	92	92				
Heavy Vehicles, %	90	15	15	90	90	90				
Mvmt Flow	0	590	510	0	0	4				
Major/Minor	Major1	Major2	Minor2							
Conflicting Flow All	512	0	-	0	-	512				
Stage 1	-	-	-	-	-	-				
Stage 2	-	-	-	-	-	-				
Critical Hdwy	5	-	-	-	-	7.1				
Critical Hdwy Stg 1	-	-	-	-	-	-				
Critical Hdwy Stg 2	-	-	-	-	-	-				
Follow-up Hdwy	3.01	-	-	-	-	4.11				
Pot Cap-1 Maneuver	722	-	-	-	-	421				
Stage 1	-	-	-	-	-	0				
Stage 2	-	-	-	-	-	0				
Platoon blocked, %	-	-	-	-	-	-				
Mov Cap-1 Maneuver	721	-	-	-	-	420				
Mov Cap-2 Maneuver	-	-	-	-	-	-				
Stage 1	-	-	-	-	-	-				
Stage 2	-	-	-	-	-	-				
Approach	EB	WB	SB							
HCM Control Delay, s	0	0	13.7							
HCM LOS	B									
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2				
Capacity (veh/h)	721	-	-	-	-	420				
HCM Lane V/C Ratio	-	-	-	-	-	0.01				
HCM Control Delay (s)	0	-	-	-	-	13.7				
HCM Lane LOS	A	-	-	-	-	B				
HCM 95th %ile Q(veh)	0	-	-	-	-	0				

EX_Adjustment_PM_DOT Hilo Harbor Land Acquisition 5:27 pm 03/31/2022 PM Peak Hour

HCM 6th TWSC

2: Silva St/Kuhio St & Kalaniana'ole St

05/06/2022

Intersection	4.9											
Int Delay, s/veh	0.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	387	0	0	515	4	89	12	129	7	0	38
Future Vol, veh/h	0	387	0	0	515	4	89	12	129	7	0	38
Conflicting Peds, #/hr	3	0	3	3	0	3	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	-	-	-	-	-	-	-	-	-	-
Storage Length	-	-	-	-	-	-	50	-	-	-	-	50
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	-	0
Grade, %	-	0	-	-	0	-	-	0	-	-	-	0
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	90	15	15	15	15	90	15	90	15	90	90	90
Mvmt Flow	0	421	0	0	560	4	97	13	140	8	0	41
Major/Minor	Major1	Major2	Minor1	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2
Conflicting Flow All	0	0	-	-	0	984	984	424	1058	-	-	-
Stage 1	-	-	-	-	424	424	-	560	-	-	-	-
Stage 2	-	-	-	-	560	560	-	498	-	-	-	-
Critical Hdwy	-	-	-	-	7.25	7.4	6.35	8	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	6.25	6.4	-	7	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	6.25	6.4	-	7	-	-	-	-
Follow-up Hdwy	-	-	-	-	3.635	4.81	3.435	4.31	-	-	-	-
Pt Cap-1 Maneuver	0	-	-	0	215	178	603	140	0	0	0	0
Stage 1	0	-	-	0	583	461	-	386	0	0	0	0
Stage 2	0	-	-	0	490	393	-	421	0	0	0	0
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	214	177	601	101	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	214	177	101	-	-	-	-	-
Stage 1	-	-	-	-	583	460	-	386	-	-	-	-
Stage 2	-	-	-	-	490	393	-	314	-	-	-	-
Approach	EB	WB	NB	SB	SB	SB	SB	SB	SB	SB	SB	SB
HCM Control Delay, s	0	0	23	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
HCM LOS	C	C	C	E	E	E	E	E	E	E	E	E
Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBT	SBLn1	SBLn2	SBLn2	SBLn2	SBLn2	SBLn2	SBLn2
Capacity (veh/h)	214	499	-	-	-	101	-	-	-	-	-	294
HCM Lane V/C Ratio	0.452	0.307	-	-	-	0.075	-	-	-	-	-	0.144
HCM Control Delay (s)	35	15.4	-	-	-	43.5	0	-	-	-	-	19.3
HCM Lane LOS	E	C	-	-	-	E	A	-	-	-	-	C
HCM 95th %ile Q(veh)	2.2	1.3	-	-	-	0.2	-	-	-	-	-	0.5

HCM 6th TWSC

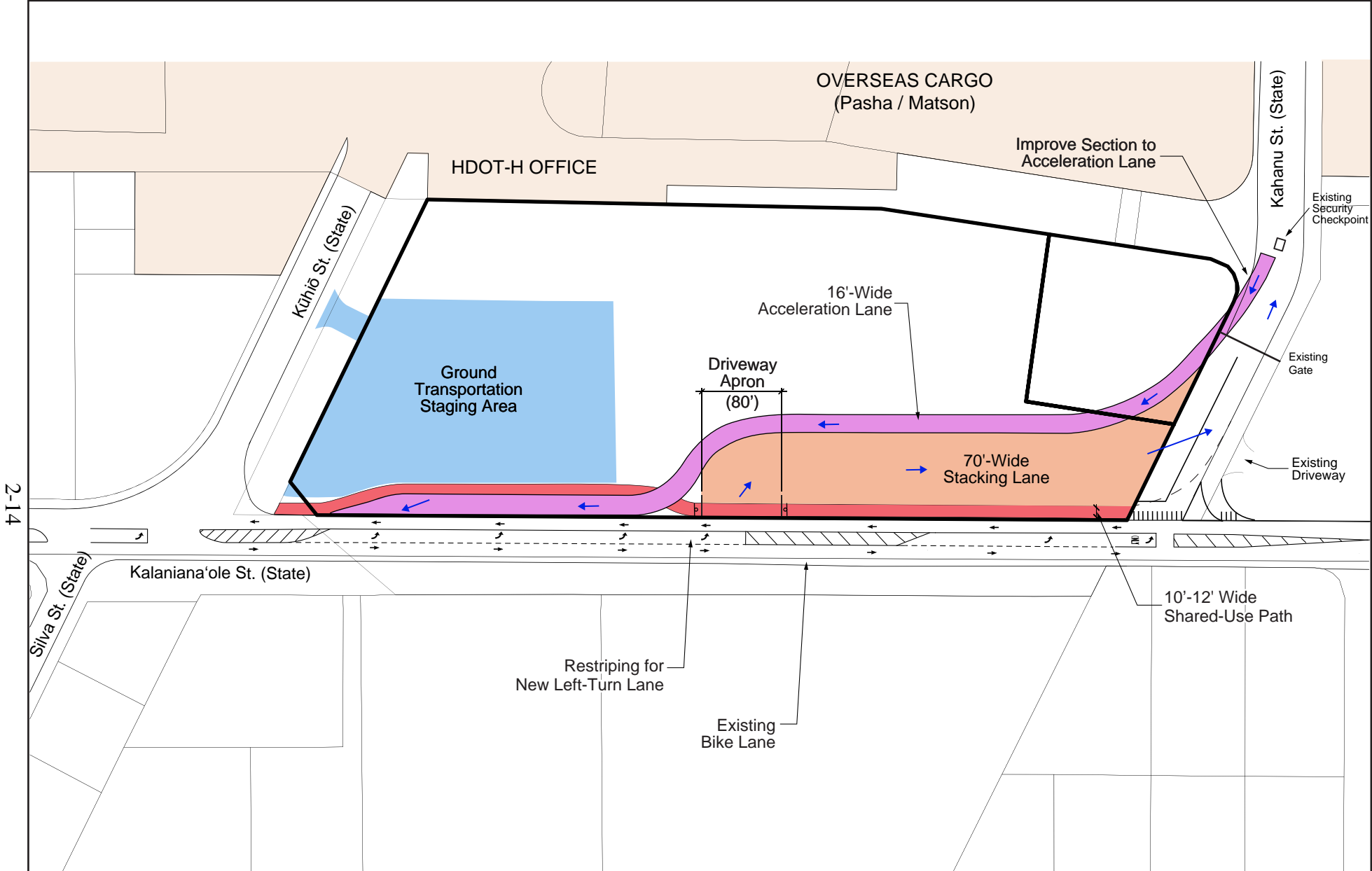
3: Kalaniana'ole St & Kumau St

05/06/2022

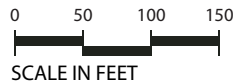
Intersection	0.7											
Int Delay, s/veh	0.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	395	685	4	0	39	-	-	-	-	-	-
Future Vol, veh/h	8	395	685	4	0	39	-	-	-	-	-	-
Conflicting Peds, #/hr	6	0	0	6	0	0	-	-	-	-	-	-
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	-	-	-	-	-	-	-	-	-	-
Storage Length	115	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	0	-	-	0	-	-	-	-	-	-
Grade, %	-	0	0	-	-	0	-	-	-	-	-	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	90	15	15	90	15	90	90	90	90	90	90	90
Mvmt Flow	9	429	745	4	0	42	-	-	-	-	-	-
Major/Minor	Major1	Major2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2	Minor2
Conflicting Flow All	755	0	-	0	1200	753	-	-	-	-	-	-
Stage 1	-	-	-	-	753	-	-	-	-	-	-	-
Stage 2	-	-	-	-	447	-	-	-	-	-	-	-
Critical Hdwy	5	-	-	-	7.3	7.1	-	-	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	6.3	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	6.3	-	-	-	-	-	-	-
Follow-up Hdwy	3.01	-	-	-	4.31	4.11	-	-	-	-	-	-
Pt Cap-1 Maneuver	565	-	-	-	138	296	-	-	-	-	-	-
Stage 1	-	-	-	-	339	-	-	-	-	-	-	-
Stage 2	-	-	-	-	493	-	-	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	562	-	-	-	134	294	-	-	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	134	-	-	-	-	-	-	-
Stage 1	-	-	-	-	332	-	-	-	-	-	-	-
Stage 2	-	-	-	-	490	-	-	-	-	-	-	-
Approach	EB	WB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
HCM Control Delay, s	0.2	0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
HCM LOS	C	C	C	C	C	C	C	C	C	C	C	C
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2	SBLn2	SBLn2	SBLn2	SBLn2	SBLn2	SBLn2
Capacity (veh/h)	562	-	-	-	-	-	-	-	-	-	-	-
HCM Lane V/C Ratio	0.015	-	-	-	-	-	-	-	-	-	-	-
HCM Control Delay (s)	11.5	-	-	-	-	-	-	-	-	-	-	-
HCM Lane LOS	B	-	-	-	-	-	-	-	-	-	-	-
HCM 95th %ile Q(veh)	0	-	-	-	-	-	-	-	-	-	-	-

Appendix C: Planned Improvements





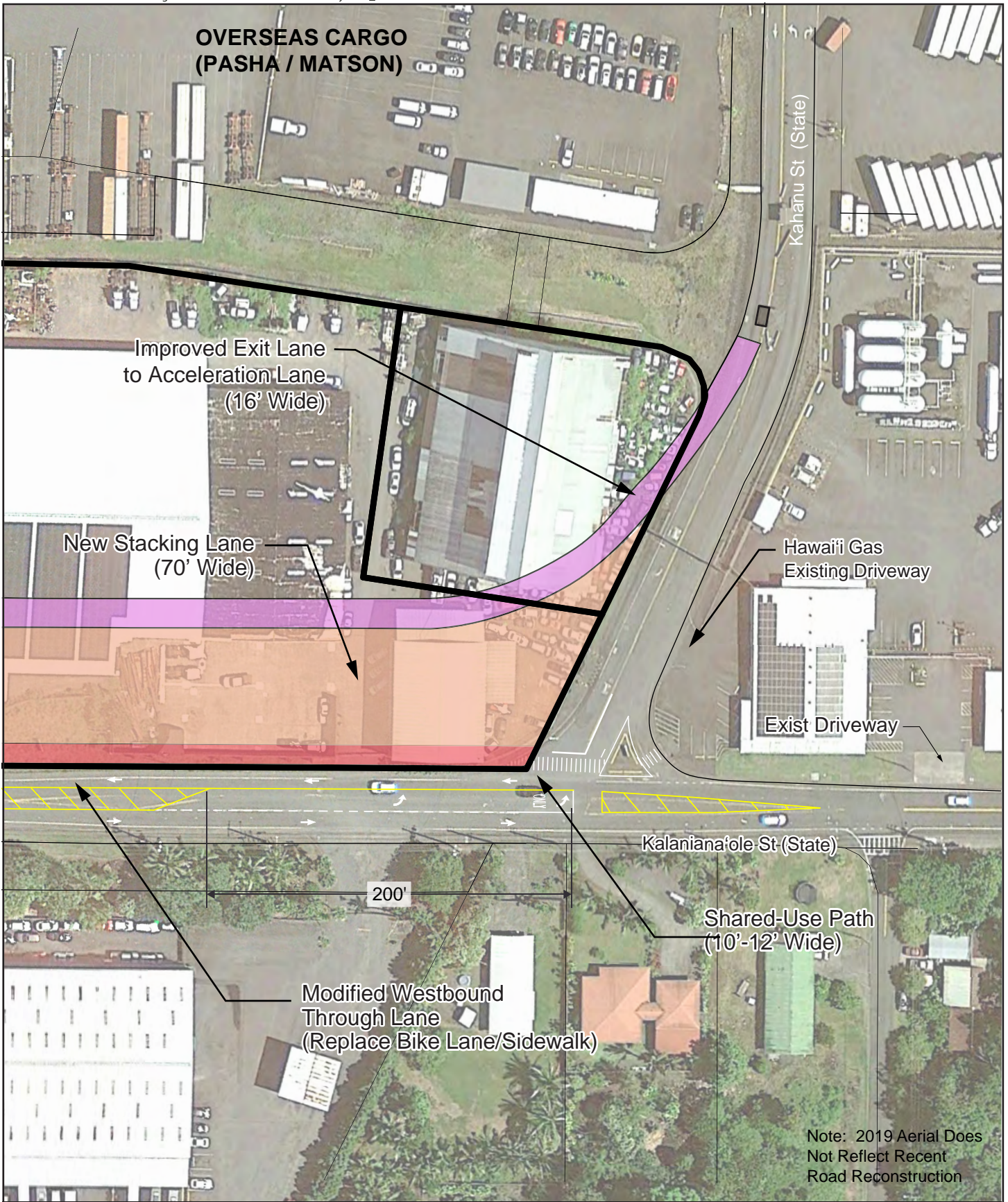
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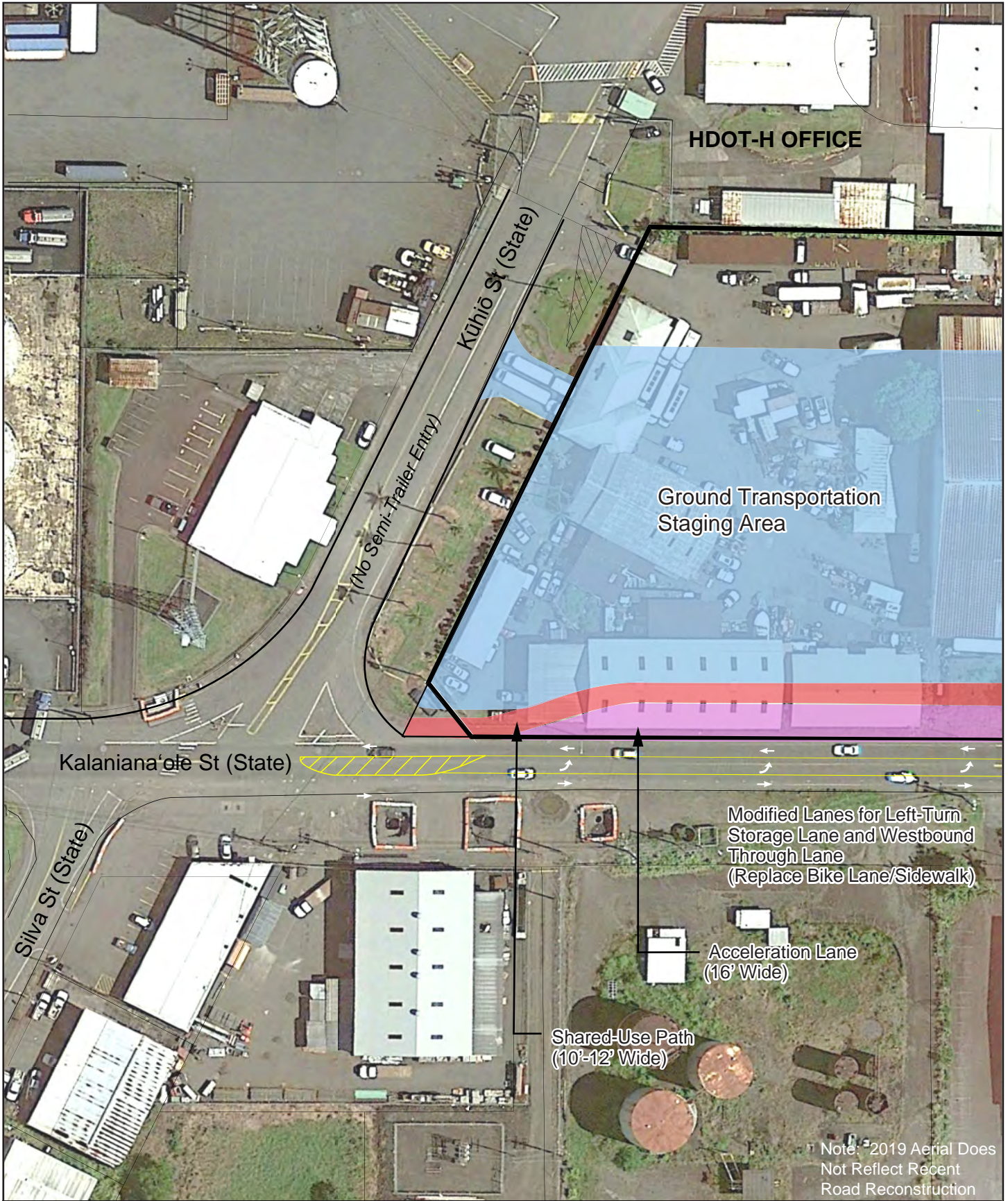


Legend

← Truck Directions

Figure 2.2
CONCEPTUAL SITE PLAN OF STACKING
LANE IMPROVEMENTS





NORTH NOT TO SCALE

Figure 2.4
CONCEPTUAL SITE PLAN OF KUHIO STREET
IMPROVEMENTS

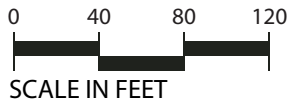
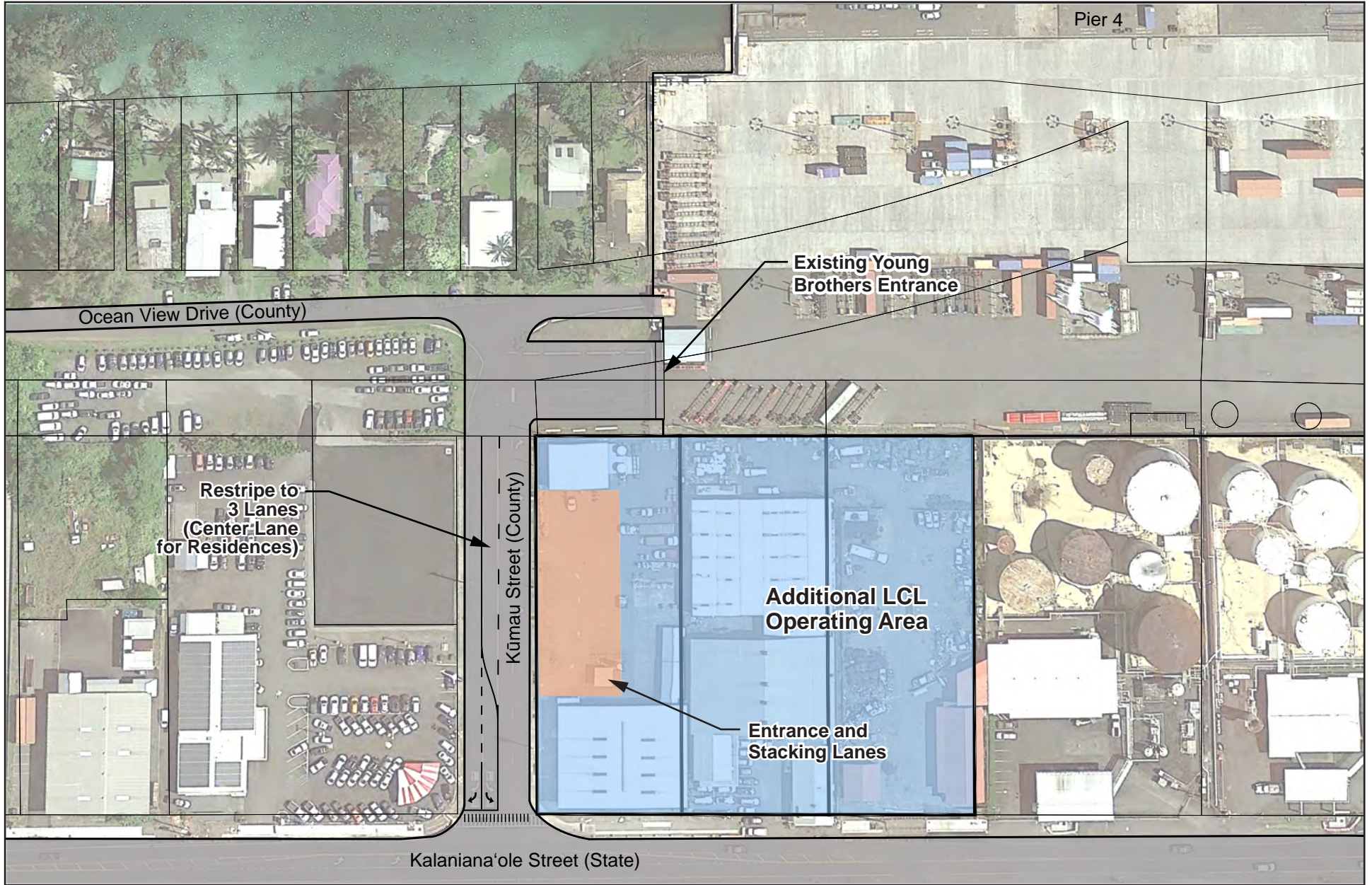


Figure 2.5
KŪMAU STREET IMPROVEMENTS



Bowers+Kubota Consulting, Inc.