

The Environmental Notice

A SEMI-MONTHLY BULLETIN OF THE OFFICE OF ENVIRONMENTAL QUALITY CONTROL



BENJAMIN J. CAYETANO
GOVERNOR

**OFFICE OF
ENVIRONMENTAL
QUALITY CONTROL**

GARY GILL
DIRECTOR

The Environmental Notice
reviews the environmental impacts of
projects proposed in Hawaii

Other Resources
available at OEQC . . .

- *Guidebook for Hawaii's Environmental Review Process*
- *Environmental Impact Study Resource Library*
- *Environmental Education Database*
- *Environmental Council Annual Reports*
- *Rules and Policies*
- *"How to Plant a Native Hawaiian Garden"*

OEQC

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MARCH 23, 1997

Waimea Ag Water System

The State Department of Agriculture and other state and federal agencies propose to solve Waimea agricultural water shortage problems by increasing the storage and distribution capacity of the Waimea Irrigation System. The project is located on the island of Hawai'i, in the South Kohala and Hamakua Districts.

The Waimea-Paauilo watershed area is one of the most important regions for truck crops and ranching in the State. About two thirds of the total state production of chinese cabbage, celery, head lettuce, burdock, and daikon is grown in the Waimea watershed area.

The region includes over 300 ranches with over 40,000 head of cattle on 115,492 acres of grazing land.

Farmers dependent on the Waimea Irrigation System are often subject to water use restrictions because of the system's insufficient storage capacity. This problem is made worse by periodic droughts.

The Draft Environmental Impact Statement selected the Kauahi Reservoir Plan as the preferred alternative. Proposed improvements include a 131 million gallon reservoir, a reservoir supply pipeline from the upper Hamakua Ditch, extension of the irrigation water distribution system and a livestock drinking water distribution system.

One impact of the project would be a 5% reduction of stream flow in Lalakea Stream as measured at Hi'ilawe Falls.

For more information, see page 13.

East Kapolei Master Plan

The State Housing Finance and Development Corporation is preparing an Environmental Impact Statement to evaluate the environmental, economic, social and cultural effects of developing 1,300 acres of state lands in East Kapolei, Oahu. The area was previously used for sugar cane production and is surrounded by H-1 freeway, Village of Kapolei, Barbers Point Naval Air Station and Ewa Villages.

The master plan concept for East Kapolei includes a mix of single-family, multifamily, commercial, school, park-and-ride, park, and recreational open space. In support of the development, major facilities such as roadways, drainage, water, wastewater, electrical and communication systems will be built by the state.

Large lot improved development parcels will then be sold by HFDC to individual developers for construction in accordance with the master plan. The two major goals of this project are to create

more housing and support facilities in Ewa and to generate income to finance the West Oahu Campus for the University of Hawaii which is planned mauka of the H-1 freeway.

Because of the large scale of the project and its irretrievable use of prime agricultural lands, the HFDC has concluded that the project may have significant impacts and has issued a notice to prepare an environmental impact statement. For more information, please see page 5.

Beach Loss on Oahu

A recent coastal erosion study on Oahu conducted by Melanie Coyne, Robert Mullane, Charles Fletcher and Bruce Richmond has found that about one-fourth of Oahu's sandy beaches have either disappeared or become so narrow that they are unusable at high tide. The report titled, "Losing Oahu: Erosion on the Hawaiian Coast" is available at OEQC.

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Draft Environmental Assessments



(1) Ahuwale Drainage Improvements

District: Honolulu
TMK: 3-6-20: 21, 40, 87; 3-6-04:18
Applicant: City and County of Honolulu
Department of Public Works
650 South King Street
Honolulu, Hawaii 96813
Contact: Tyler Sugihara (523-4932)

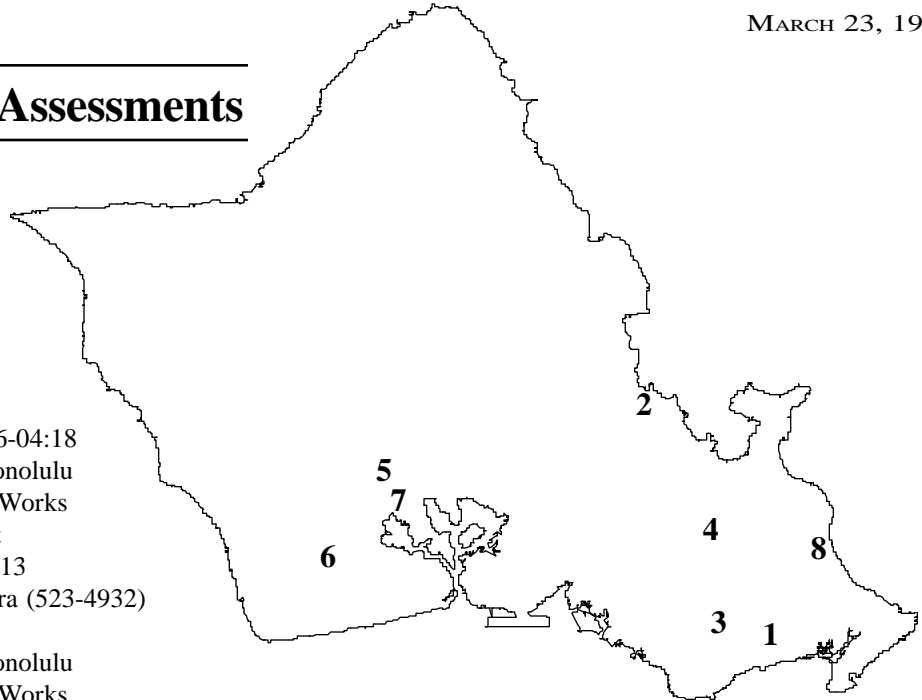
Accepting Authority: City and County of Honolulu
Department of Public Works
650 South King Street
Honolulu, Hawaii 96813
Contact: Tyler Sugihara (523-4932)

Consultant: Hida, Okamoto & Associates, Inc.
1440 Kapiolani Boulevard, Suite 915
Honolulu, Hawaii 96814
Contact: Harvey Hida (942-0066)

Public Comment

Deadline: April 22, 1997
Status: DEA First Notice pending public comment. Address comments to the applicant with copies to the consultant and OEQC.

The City and County of Honolulu, Department of Public Works proposes to reconstruct an interceptor ditch and storm drain system in the Ahuwale Street area in Aina Haina, Honolulu, Oahu. The interceptor ditch and storm drain system were initially constructed as part of the improvements for the Aina O Haina, Section 9, Unit 1 Subdivision and cannot accommodate the projected storm water runoff flows. The project will concrete line and construct walls for approximately 1,200 feet of the interceptor ditch, and replace approximately 600 feet of drain pipelines. The estimated construction cost is \$1,200,000. Portions of the project are within areas zoned P-1, Restricted Preservation, and will require a Conservation District Use Permit.



(2) Kahaluu Stream Slope Repair at Hakuhale Street

District: Koolaupoko
TMK: 4-7-68:12
Applicant: City and County of Honolulu
Department of Public Works
650 South King Street, 15th Floor
Honolulu, Hawaii 96813
Contact: James Wang (523-4041)

Accepting Authority: City and County of Honolulu
Department of Public Works
650 South King Street, 15th Floor
Honolulu, Hawaii 96813
Contact: James Wang (523-4041)

Public Comment

Deadline: April 22, 1997
Status: DEA First Notice, pending public comment. Address comments to the applicant with copies to OEQC.

The proposed project involves the construction of a CRM retaining wall and slope lining in a 70-foot segment of Kahaluu Stream near the City's drain outlet structure near Hakuhale and Waipaipai Streets in Kahaluu.

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The existing stream embankment has eroded and has caused undermining of the outlet structure. Completion of the proposed project would stabilize the slopes and preclude further erosion and property damage.

It is anticipated that construction will begin in October 1997.



(3) Palolo Wells Addition

District: Honolulu
TMK: 3-4-024:44
Applicant: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Barry Usagawa (527-5235)

Accepting Authority: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Barry Usagawa (527-5235)

Consultant: George Yuen & Associates, Inc.
100 North Beretania Street, Suite 303
Honolulu, Hawaii 96817
Contact: George Yuen (536-0081)

Public Comment

Deadline: April 22, 1997
Status: DEA First Notice, pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

The City and County of Honolulu, Board of Water Supply (BWS) proposes to drill, case and pump test an additional potable water well located within the existing BWS Palolo Wells facility along Carlos Long Street. The well addition will be situated at an elevation of approximately 387 feet and will serve as a backup well for the existing well at the site. Standard test pumping and monitoring protocol will be followed. Based on previous pump tests of the existing well, no adverse impact is anticipated.

If test pumping results are favorable, the BWS will incorporate the exploratory well into its permanent production facilities. There will be no increase in permitted water use because this well addition is solely for standby and peak pumping purposes to the existing well at the site. Best

management practices will be implemented during the test pumping of the exploratory well to minimize potential pollution of receiving waters.

Final Environmental Assessments/Findings of No Significant Impacts (FONSI)



(4) Pali Tunnel Communication Site

District: Honolulu
TMK: State highway right-of-way
Applicant: Western PCS II Corp.
99-860 Iwaena Street
Aiea, Hawaii 96701
Contact: Oscar Libed (487-0061 x 215)

Accepting Authority: State Department of Transportation
888 Mililani Street, #502
Honolulu, Hawaii 96813
Contact: Michael Amuro (587-2023)

Consultant: Analytical Planning Consultants, Inc.
84 North King Street
Honolulu, Hawaii 96817
Contact: Donald Clegg (536-5695)

Public Challenge

Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

The applicants are PrimeCo Personal Communications L.P., Pocket Communications Inc., Western PCS II Inc., Honolulu Cellular Telephone Co., GTE Moblenet, and Hawaii Wireless Inc. They are proposing to construct a transmitter/receiver installation between the entrance and exit bores on the Honolulu side of the Pali Tunnels. The installation will be used to facilitate PCS and Cellular wireless telephone communications, and paging on the Honolulu approach to the Tunnel and within the tunnel itself.

Six grid paraflector antennas, 68 inches wide and 36 inches high will be placed on the top 28 feet of a 90 foot triangular lattice construction tower 3 feet on a side. An AM/FM antenna to be used by the State will be placed at the 50 foot level. All equipment cabinets will be placed inside the control building, hence will not be visible to the public.

Communication inside the tunnels will be provided by four “yagi” antennas three feet long with an approximate width of six inches. These antennas will be mounted in a row in the upper corner of each tunnel. There will be no impact from radiation as the exclusion distance for the panel antennas is 7.2 feet. This contour is well above the height of any vehicles using the tunnel. The proposed structure is replacing an existing antenna tower. Like the existing tower, the new tower will be a lattice structure and the antennas will be a grid design. Both of these designs present a “see through” appearance such that the trees behind the structures will be visible. The tower and the antennas will be painted to match the background. This together with the “see through” design will largely mitigate any visual impacts.



(5) Waipahu Wells II Addition

District: Ewa
TMK: 9-4-07:37
Applicant: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Barry Usagawa (527-5235)

Accepting Authority: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Barry Usagawa (527-5235)

Consultant: George A.L. Yuen and Associates
100 N. Beretania Street, Suite 303
Honolulu, Hawaii 96817
Contact: George Yuen (536-0081)

Public Challenge
Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

The City and County of Honolulu Board of Water Supply (BWS) proposes to drill, case and pump test an exploratory potable water well located within the existing BWS Waipahu Wells II facility. The exploratory well will be situated at an elevation of approximately 210 feet and will be located in the northeastern corner of the property.

The overall diameter of the well will be 18 inches with a 14-inch casing and a 2-inch grout-filled annulus. The total depth of the well will be approximately 360 feet with a casing length of about 250 feet, leaving an uncased bore of about 110

feet in depth. The proposed well is anticipated to yield about 1.5 million gallons of potable water per day for distribution to the Ewa area or transported to Honolulu. Best management practices will be implemented during the test pumping of the exploratory well to minimize potential pollution of receiving waters.

Environmental Impact Statement Preparation Notices



(6) East Kapolei Master Plan Development Project

District: Ewa
TMK: 9-1-16: 8, 108, 109; 9-1-17: 71, 72, 4 (por.); 9-1-18; 1 (por.)

Applicant: Housing Finance and Development Corporation
677 Queen Street, Suite 300
Honolulu, Hawaii 96813
Contact: Steve Thomas (587-0640)

Accepting Authority: Governor, State of Hawaii
c/o Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

Consultant: PBR Hawaii
1001 Bishop Street, Suite 650
Honolulu, Hawaii 96813
Contact: David Hulse (521-5631)

Public Comment
Deadline: April 22, 1997
Status: EISPN First Notice, pending public comment. Address comments to the applicant with copies to the accepting authority, the consultant and OEQC.

The master plan concept for the East Kapolei Master Plan Development Project includes a mix of single-family, multi-family, commercial, public facility, (i.e., school parcels), parks, and recreational open space areas. Residential units will be sold at prices in accordance with the City's affordable housing policy.

These land uses are all planned to be within easy walking distance of one another and from other adjoining

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areas which will likely be developed in the future. In support of the development, infrastructure facilities to be expanded or improved include access and circulation roadways, drainage systems, water and wastewater systems, and electrical/communication systems.

The single family residential component of the plan, calls for approximately 740 acres of the subject property to be used for residential building sites. Current plans assume that the residential subdivisions will be designed at densities ranging from 7-8 units per acre with preliminary estimated number of single family units ranging between 5,200 to 5,900 units.

The multi-family units will consist of approximately 277 acres of the project site consisting of approximately 3,100 to 4,000 multi-family units. To minimize the need for vehicular transportation, most multi-family parcels have been located by the master plan at locations proximate to major transportation facilities, commercial facilities, school sites, and parks in order to minimize the need to drive to project amenities and public facilities.

The project master plan envisions the establishment of a network of neighborhood parks (each approximately 3-5 acres) and an open space recreational/drainage corridor. This open space corridor of approximately 170 acres will be used as an undeveloped grassed drainage way to convey surface flows during intense storm events, and be used as a passive open space recreational and aesthetic amenity.

The two commercial nodes identified by the master plan totals approximately 24 acres within the project area providing for a broad range of potential commercial uses.

Acreage allotments for proposed school sites include three elementary school sites of 12 acres each and an intermediate school site of 20 acres.

Large lot improved development parcels will be sold by HFDC to individual developers for construction in accordance with the land uses envisioned by the master plan, and permitted by the Ewa Development Plan and applicable zoning classifications. Major backbone infrastructure will be provided by HFDC. All other applicable plans and programs for the area will be implemented by future developers. Final determination of land use types, densities, number of units, pricing, development timetable, and projected costs will be identified during the entitlement review process and will be provided in the Draft and Final Environmental Impact Statements.

Final Environmental Impact Statements



(7) Amfac Commercial and Park

District: Ewa
TMK: 9-4-02:04 (por.)
Applicant: Amfac Property Development Corp.
700 Bishop Street, 21st Floor
Honolulu, Hawaii 96813
Contact: Timothy Johns (543-8929)

Accepting Authority: City and County of Honolulu
Planning Department
650 South King Street, 8th Floor
Honolulu, Hawaii 96813
Contact: Lin Wong (523-4485)

Consultant: PBR Hawaii
1001 Bishop Street, Suite 650
Honolulu, Hawaii 96813
Contact: Vincent Shigekuni (521-5631)

Status: FEIS currently being reviewed by the City and County of Honolulu, Planning Department.

The applicant, Amfac/JMB Hawaii, Inc., is seeking an amendment to the City and County of Honolulu's Central Oahu Development Plan Land Use Map for the proposed Amfac Commercial and Park project. The amendment request proposes the redesignation of approximately 15.8 acres of Industrial and 7.5 acres of Residential to approximately 20.3 acres of Commercial and 3 acres of Park.

The Amfac Commercial and Park project is located in Waipahu on a portion of the former sugar mill site. The proposed project involves the second of two phases of development at the former sugar mill site. Phase I is limited primarily to the proposed Amfac Industrial Subdivision and Phase II involves the subject commercial and park proposal.

The applicant proposes to develop 20.3 acres for commercial and community-oriented uses and 3 acres toward the expansion of Hans L'Orange Park. Commercial development would include a business park based on a theme of a former sugar mill which incorporates industrial-style buildings, old equipment, photographs, mill stack, etc. A heritage

park/center and community facilities which include a YMCA and a Filipino Community Center are proposed adjacent to the commercial area. Hans L'orange Park will be expanded to include an extension of the Park's left field line, more passive park area, additional parking and other improvements.

National Environmental Policy Act (NEPA)



(8) Bellows Air Force Station EOD Survey and Clearance of Parcel DE-2 and DE-3 (Draft EA/Draft FONSI)

District: Honolulu
TMK: 4-1-15-1
Applicant: Captain Jennifer Munson
15th Civil Engineer Squadron
75 H Street
Hickam AFB, Hawaii 96853-5233
Contact: MSgt Morris Hawley (449-1584 x 204)

Accepting Authority: 15th Civil Engineer Squadron
75 H Street
Hickam AFB, Hawaii 96853-5233
Contact: Lt. Col. Linden Torchia (449-1660)

Public Comment Deadline: April 22, 1997

The 15th Air Base Wing is proposing conducting a survey to identify unexploded ordnance on a parcel of land consisting of approximately 145 acres at Bellows AFS, Hawaii. The survey and clearance actions are a direct result of the Record of Decision signed by the USCINCPAC on May 7, 1996 for FEIS "Land Use and Development Plan at Bellows Air Force Station" that declared approximately 170 acres at Bellows AFS excess to Department of Defense needs. DoD 6055.9 STD Chapter 12 Real Property Contaminated with Ammunition, Explosives or Chemicals establishes the requirements to certify the parcel. Certification that all unexploded ordnance have been cleared from the parcel will accompany the Declaration of Excess that will be prepared by the 15th Air Base Wing. Upon preparation of this certifica-

tion the Declaration of Excess will be forwarded to the General Services Administration for final disposition of the parcel.

Through record searches of the past use of the parcel it is anticipated that potential unexploded ordnance that may be encountered will be limited to small arms ammunition and flare training devices. The unexploded ordnance are expected to be found at surface level based on the type of training that was conducted on the parcel. This survey will consist of scanning the entire parcel with a metal detector to identify potential unexploded ordnance. Upon each detection the Explosive Ordnance Disposal team will identify and remove the item from the parcel. In the event there is a detection, and the item is not found at surface level, excavation will be necessary. Each excavation will be a maximum of six inches deep by one square foot wide. The excavation will immediately be filled in upon extraction of the detected item. To allow for uninhibited surveying of the parcel a separate but associated action required is the cutting of vegetation. The existing vegetation on the parcel that is three inches in diameter or smaller must be cut down to a level of two inches from the existing grade. The cutting of vegetation will allow for free movement of the detection equipment and accurate detection.

Previously Published Projects Pending Public Comments

Draft Environmental Assessments

PrimeCo Telecommunications Facility at Kailua

Applicant: PrimeCo Personal Communications
1132 Bishop Street, Suite 1105
Honolulu, Hawaii 96813
Contact: Ted Tsagris (566-9430)

Accepting Authority: Department of Land and Natural Resources
Land Division
1151 Punchbowl Street, Room 220
Honolulu, Hawaii 96813
Contact: Lauren Tanaka (587-0385)

Public Comment Deadline: April 7, 1997

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🗺️ New Manoa Public Library

Applicant: Department of Accounting and General
Services
1151 Punchbowl Street, Room 430
Honolulu, Hawaii 96813
Contact: Ralph Morita (586-0486)

**Accepting
Authority:** Governor, State of Hawaii
c/o Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

Status: FEIS accepted by the Governor, State of
Hawaii on March 17, 1997.

🗺️ Waialua-Haleiwa Wastewater Facilities

Applicant: City and County of Honolulu
Department of Wastewater Management
650 South King Street, 3rd Floor
Honolulu, Hawaii 96813
Contact: Jared Lum (523-4654)

**Accepting
Authority:** City and County of Honolulu
Planning Department
650 South King Street, 8th Floor
Honolulu, Hawaii 96813

Status: FEIS accepted by the Planning Department,
City and County of Honolulu on March 13,
1997.



Draft Environmental Assessments



(1) Honoapiilani Highway Widening (Kaanapali Parkway to Honokowai Stream)

District: Lahaina
TMK: Portions of 4-4-2:2; 4-4-6:14, 56, 59; 4-4-8:14, 20; 4-4-14:3, 4, 5
Applicant: Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Herbert Tao (587-2124)

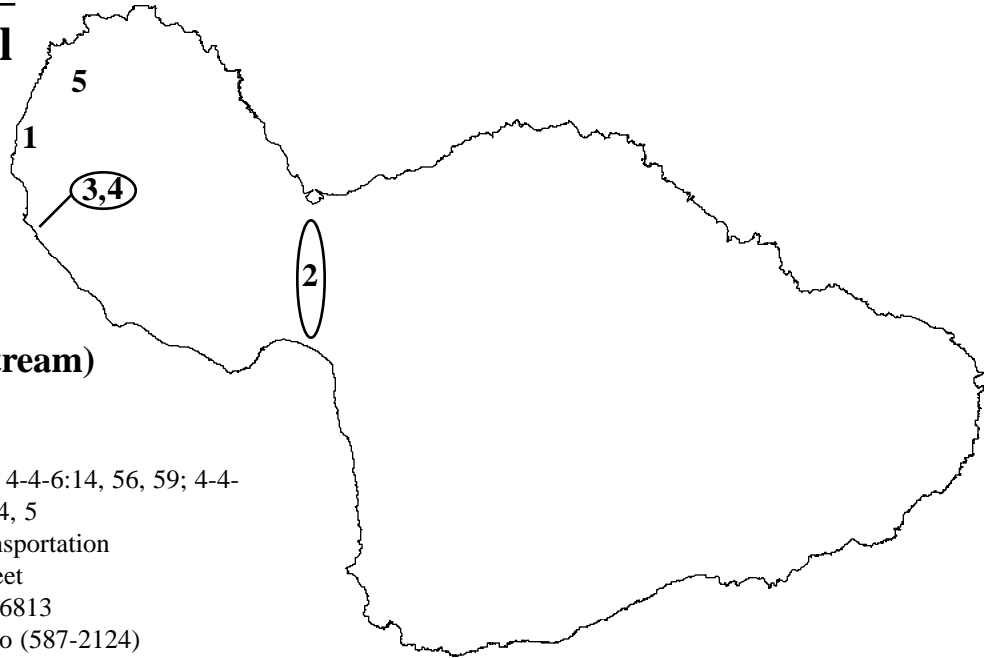
Accepting Authority: Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Herbert Tao (587-2124)

Consultant: Munekiyo & Arakawa, Inc.
305 High Street
Wailuku, Hawaii 96793
Contact: Michael Munekiyo (244-2015)

Public Comment Deadline: April 22, 1997
Status: DEA First Notice, pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

The State Department of Transportation is proposing to widen Honoapiilani Highway from Kaanapali Parkway to the vicinity of Honokowai Stream, a distance of approximately 2.2 miles.

The existing two-lane highway typical section will be widened to provide four 11-foot wide travel lanes, a 4-foot wide striped median, and 6-foot wide shoulders. Proposed improvements also include widening the Honokowai Stream bridge and modifications to geometrics at the intersections of Kekaa Drive, Puukolii Road, Halawai Drive, and Lower Honoapiilani Road, as well as the construction of an approximately 720-foot retaining wall south of the highway's intersection with Puukolii Road. In addition to fill slope activities and the demolition of existing overhead golf cart and maintenance bridges, the construction of a new replacement bridge, as well as a temporary detour road and drainage



system improvements are proposed. While the majority of improvements will be within the existing right-of-way, limited right-of-way acquisition will be required for the highway widening.

With a projected total cost of approximately \$10.0 million, construction of the project is anticipated to commence no later than January 1998, with completion estimated approximately 18 months later.

The widening of Honoapiilani Highway will increase highway capacity, relieve traffic congestion, and improve traffic circulation. The proposed improvements are not expected to result in long-term adverse impacts to the infrastructure, public services, and the physical and socio-economic environment.



(2) Mokulele Highway/Puunene Bypass

District: Wailuku
TMK: 3-8-4:por. 23, 24, 27; 3-8-5:por. 2, 19, 20, 21, 22, 27, 28, 29, 30, 31, 34; 3-8-6:por. 2, 3, 4, 20; 3-8-8:por. 1, 7, 8, 32; 3-8-77:por. 9
Applicant: Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Robert Siarot (877-5061)

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Accepting

Authority: Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Robert Siarot (877-5061)

Consultant: Warren S. Unemori Engineering, Inc.
2145 Wells Street, Suite 403
Wailuku, Hawaii 96793
Contact: Warren Unemori (242-4403)

Public Comment

Deadline: April 22, 1997
Status: DEA First Notice, pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

The proposed Mokulele Highway widening project is located in Central Maui between the West Maui Mountains and the slopes of Haleakala. The project area extends from the intersection of Piilani Highway and Mokulele Highway in Kihei to Puunene Avenue. The proposed Puunene Bypass would also be built in the future by the County of Maui and connect the intersection of Kuihelani Highway and the Maui Lani Parkway (as yet unbuilt) to Mokulele Highway. The distance along the existing Mokulele Highway to Puunene Avenue is approximately 6 miles. The Puunene Bypass would be approximately 1.5 miles long.

The purpose of the proposed widening improvements on Mokulele Highway and Puunene Avenue, is to provide additional highway capacity between Wailuku-Kahului, Maui's primary urban center, and the rapidly growing areas of Kihei, Wailea and Makena along Maui's leeward shore. Intersection improvements are also planned to provide improved efficiency along the entire length of the Mokulele Highway corridor.

The Mokulele Highway widening, identified as Phase 1 for planning purposes, would add two new lanes to create a four-lane divided arterial between Piilani Highway in Kihei and Puunene Avenue. Preliminary design alternatives indicate that the Mokulele Highway widening will be taken on the mauka (easterly and southeasterly) side of the existing highway. Once it leaves the north boundary of the old Puunene Airport near the existing animal shelter, widening would shift to the northwesterly (Wailuku) side of Mokulele Highway. Intersection improvements with Hansen Road in Puunene, reconfiguration of the Mokulele/Piilani Highway intersection, and the widening of Puunene Avenue are also elements of Phase 1.

The estimated construction costs of the proposed widening to four lanes, widening of Puunene Avenue, and associated intersection improvements is estimated at \$37.7 million and land acquisition for right of way at \$3.3 million. Total cost is then estimated at approximately \$41 million.

Final Environmental Assessments/Findings of No Significant Impacts (FONSI)



(3) Jusdoit Commercial Complex Application for Community Plan Amendment

District: Lahaina
TMK: 4-6-7: 3
Applicant: JDI Limited Partners
834 Front Street, 2nd floor
Lahaina, Hawaii 96761
Contact: Stephen Gatchell (661-8380)

Accepting

Authority: County of Maui Planning Department
250 South High Street
Wailuku, Hawaii 96793
Contact: Don Schneider (243-7735)

Consultant:

Chris Hart & Partners
1955 Main Street, Suite 200
Wailuku, Hawaii 96793
Contact: Chris Hart (242-1955)

Public Challenge

Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

The purpose of this application is to request a Community Plan Amendment from "P" Public/Quasi Public to "B" Business/Commercial for the Jusdoit, Inc. property in Lahaina. Existing County Zoning for the property (Historic District No. 2) allows for business use, however the West Maui Community Plan designates the property for "Public/Quasi Public" use. This request seeks to establish consistency between the Community Plan designation and County Zoning. Pursuant to Chapter 343, Hawaii Revised Statutes (HRS), requests for amendments to County General Plans require the preparation of an Environmental Assessment.

This document has been prepared to meet the requirements of Chapter 343, HRS and the Environmental Impact Statement Rules, Chapter 200, Department of Health, Hawaii Administrative Rules.



(4) Lahaina Reconstruction of Commercial Building

District: Lahaina
TMK: 4-6-08:49
Applicant: Susan Kuwada (244-4750)
870 Pakelo Place
Wailuku, Hawaii 96793

Accepting Authority: County of Maui, Planning Department
250 South High Street
Wailuku, Hawaii 96793
Contact: Colleen Suyama (243-7735)

Consultant: Chris Hart & Partners
1955 Main Street, Suite 200
Wailuku, Hawaii 96793
Contact: John Min (242-1955)

Public Challenge
Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

The applicant proposes to rebuild a portion of an existing wood frame building constructed in 1925. The existing building has been modified and expanded over the years during the transition from residential to commercial use. In the mid 1970's, a two-story addition was constructed on the side facing Front Street. The building, which comprises a total floor area of approximately 3,000 sq. ft., was previously used as a restaurant, art gallery and other retail uses. Currently, a visitor activity center and t-shirt shop operate within the two-story front portion of the building.

The subject property is situated on Front Street in Lahaina, Maui and is zoned Historic District No. 2. Lahaina Town is a National Landmark on the Register of Historic Places.

The proposed action will involve the demolition and reconstruction of the older section of the building, comprising a floor area of approximately 1,800 sq. ft. The reconstruction will reflect the same architectural character as the existing, in terms of design, materials, building height, and floor area.

Elements, such as doors and windows, will be in keeping with adopted design guidelines for the Lahaina Historic District.

The renovated section of the building will be for retail commercial uses, similar to existing uses of the property.

The proposed action is necessitated by severe deterioration of the building's supports and roof structure from termite damage and dry rot. A structural engineer has determined that the older section of the building is unsafe and that reconstruction is the most feasible alternative.

The project will result in short-term construction-related impacts. However, since the property is long established in commercial use and the reconstruction will maintain the same architectural character as the existing building and not increase the floor area, the proposed action is not expected to result in additional traffic, flood hazard potential, or design and uses incompatible with the Lahaina Historic District.



(5) Napili Well "A" GAC Treatment Facility

District: Lahaina
TMK: 4-3-01:06
Applicant: County of Maui, Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793
Contact: Herb Kogasaka (243-7835)

Accepting Authority: County of Maui, Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793
Contact: Herb Kogasaka (243-7835)

Consultant: GMP Associates, Inc.
841 Bishop Street, Suite 1501
Honolulu, Hawaii 96813
Contact: Neal Fukumoto (521-4711)

Public Challenge
Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

Maui Notices

MARCH 23, 1997

The County of Maui, Department of Water Supply proposes the installation of a Granular Activated Carbon (GAC) treatment facility at the drinking water well site of Napili Well "A", located in Napili, Maui. The well is suspected of being contaminated with dibromochloropropane (DBCP), a chemical formerly used in pesticide applications.

The proposed facility will include two GAC contact vessels, contactor pad and piping, a backwash tank and filter, booster pumps, upgrades to the MCC room, flow meters, control and lighting systems and operating platforms to access the contact vessels.

The GAC treatment facility will serve to reduce the concentration of DBCP below its detection level, where it no longer poses potential health hazards. This will allow the County of Maui, Department of Water Supply to re-open Napili Well "A" and help to meet the growing demand for potable water in the west Maui region.

There are no known endangered flora or fauna species within the project boundaries and no significant adverse impacts are expected to result from the proposed project.

Previously Published Projects Pending Public Comments

Draft Environmental Assessments

Ihle Shoreline Setback Variance

Applicant: Mr. & Mrs. David Ihle
512 Frances Street
Hudson, Wisconsin 54104
Contact: John Min (242-1955)

Accepting Authority: County of Maui
Maui Planning Commission
250 South High Street
Wailuku, Hawaii 96793
Contact: David Blane (243-7735)

Public Comment Deadline: April 7, 1997

Environmental Impact Statement Preparation Notices

Waena Power Generating Station

Applicant: Maui Electric Company, Ltd.
P.O. Box 398
Kahului, Hawaii 96732
Contact: Ed Reinhardt (871-8461)

Accepting Authority: County of Maui
Planning Department
250 South High Street
Wailuku, Hawaii 96793
Contact: David Blane (243-7735)

Public Comment Deadline: April 7, 1997



Final Environmental Assessments/Findings of No Significant Impact (FONSI)



(1) Hualalai Elderly Housing

District: North Kona
TMK: 7-5-10: 10
Applicant: Hualalai Elderly Housing Ltd. Partnership
99 Aupuni Street, Suite 104
Hilo, Hawaii 96720
Contact: Keith Kato (969-1158)

Accepting Authority: Rental Housing Trust Fund
Housing Finance and Development Corp.
677 Queen Street, Suite 300
Honolulu, Hawaii 96813
Contact: Kwan G. Low (587-0797)

Consultant: Brian T. Nishimura, Planning Consultant
101 Aupuni St. #217
Hilo, Hawaii 96720
Contact: Brian Nishimura (935-7692)

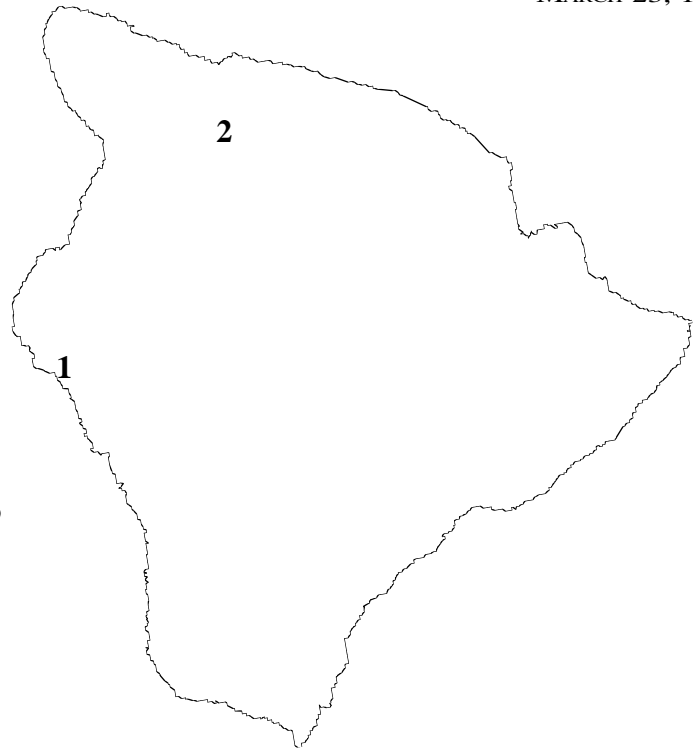
Public Challenge

Deadline: April 22, 1997
Status: FEA/FONSI issued, project may proceed.

The Hualalai Elderly Housing Limited Partnership is proposing the development of a 30 unit elderly housing project in Kailua-Kona, West Hawaii. The 3.1 acre parcel is situated on the west side of Hualalai Road, and within walking distance of Kailua village. The project will consist of 30 1-bedroom units with 546 square feet of living area per unit, and will serve those individuals earning 60% and below of the area median gross income as established by the U.S. Department of Housing and Urban Development.

There will be 6 single story structures with 5 units per structure, as well as a separate common area building with laundry facilities, open and covered patio, office and storage space. The total development budget for the project is estimated to be \$3.36 million.

An archaeological survey of the site reported two significant historic sites. Data recovery be conducted on one site to determine the function of the features and the extent of the subsurface deposits. The other site will be preserved.



Draft Environmental Impact Statements



(2) Waimea-Paauilo Watershed

District: Hamakua/South Kohala
TMK: 4-4-var, 4-6-var, 4-7-var, 4-9-var, 6-3-var, 6-4-var, 6-5-var, 6-6-var, 6-7-var

Applicant: Department of Agriculture
P.O. Box 22159
Honolulu, Hawaii 96823-2159
Contact: Paul Matsuo (973-9473)

Accepting Authority: Governor, State of Hawaii
c/o Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

Consultant: USDA Natural Resources Conservation Service
P.O. Box 50004
Honolulu, Hawaii 96850
Contact: Kenneth Kaneshiro (541-2600)

Hawaii Notices

MARCH 23, 1997

Public Comment

Deadline: May 7, 1997
Status: DEIS First Notice, pending public comment. Address comments to the applicant with copies to the accepting authority, the consultant and OEQC.

The purpose of the Waimea-Paauilo Watershed project is to alleviate the agricultural water shortage problems caused by the inadequate quantity and distribution of water for crop irrigation and livestock drinking water in the Waimea area on the island of Hawaii. The agencies responsible for development and implementation of the plan are the USDA Natural Resources Conservation Service, State Department of Agriculture, Department of Hawaiian Home Lands, and Mauna Kea Soil and Water Conservation District. This Watershed Plan-EIS is a revision and expansion of the Watershed Plan-Environmental Assessment completed in September 1989. This document presents five alternative plans, consisting of a No Action Alternative and four alternatives which propose structural improvements to the existing Waimea Irrigation System. The Selected Plan, Alternative 5 - Kauahi Reservoir, proposes the installation of: 1) a 131 million-gallon reservoir located next to Mana Road approximately two miles south of State Highway 19, 2) 19,200 feet of reservoir supply pipeline extending from the Upper Hamakua Ditch to the proposed reservoir, 3) extension of the Waimea Irrigation System irrigation water distribution system to include the proposed reservoir and expansion farming areas, and 4) a livestock drinking water distribution system consisting of nearly 45 miles of pipeline and nine pump stations. The Selected Plan will benefit 167 farmers with a total of 1,985 acres of cropland and 265 ranchers with 22,962 acres of grazing land, most of whom are native Hawaiian. Total installation costs have been estimated at \$17,376,600. Approximately 43 percent of the installation cost will be funded by the federal government. Total average annual benefits have been estimated at \$1,631,200 with total average annual costs estimated at \$1,555,500. The benefit:cost ratio for the Selected Plan is 1.0:1.0.

Previously Published Projects

Pending Public Comments

Draft Environmental Assessments

► Hilo Base Facility of the Gemini 8-Meter Telescope

Applicant: Association of Universities for Research in Technology (AURA)
c/o Gemini 8-Meter Telescope
660 No. Aohoku Place
Hilo, Hawaii 96720
Contact: Steve Hardash (935-4064)

Accepting Authority: University of Hawaii at Hilo
Administrative Affairs
200 West Kawili Street
Hilo, Hawaii 96720
Contact: Mr. Lo-Li Chih (974-7595)

Public Comment Deadline: April 7, 1997

Final Environmental Impact Statements

► Hilo Judiciary Complex

Applicant: Department of Accounting and General Services
1151 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Ralph Yukumoto (586-0488)

Accepting Authority: Governor, State of Hawaii
c/o Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813
Status: FEIS currently being reviewed by the Office of Environmental Quality Control.

► Keaau High School

Applicant: Department of Accounting and General Services
1151 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Brian Isa (586-0484)

Accepting Authority: Governor, State of Hawaii
c/o Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813
Status: FEIS currently being reviewed by the Office of Environmental Quality Control.



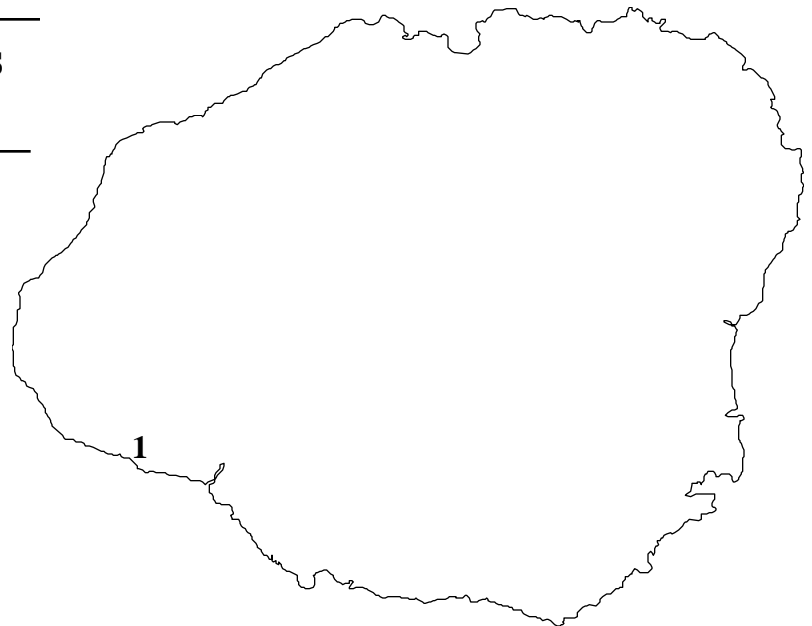
Previously Published Projects Pending Public Comments

Draft Environmental Assessments

● Kekaha Landfill, Phase II Vertical Expansion

Applicant: County of Kauai
Department of Public Works
4444 Rice Street, Room 230
Lihue, Hawaii 96766
Contact: Troy Tanigawa (241-6880)

Accepting Authority: Same as above.
Public Comment Deadline: April 7, 1997



Land Use Commission Notices

Great Molokai Ranch Trail Project

The LUC has received the following request for a declaratory ruling pursuant to Section 91-8, HRS, and Sections 15-15-98, et seq., Hawaii Administrative Rules:

Docket No./Petitioner: DR97-20/Pono, et al.
Location: West Molokai
TMK: various
Request: Issuance of a declaratory ruling as to whether The Great Molokai Ranch Trail Project 1) is a permitted use of agricultural lands rated C, D, E, and U; 2) at the minimum, require a Special Permit from the Molokai Planning Commission and the Land Use Commission; and 3) would require a boundary amendment approval from the Land Use Commission.
Date Filed: February 27, 1997

Varona Village Phase II

The LUC has received the following request regarding a proposed district boundary amendment pursuant to Chapter 205, Hawaii Revised Statutes:

Docket No./Petitioner: A97-720/City and County of Honolulu, State of Hawaii, by its Director of the Department of Housing and Community Development
Location: Honouliuli, Ewa, Hawaii
Acreage: 100.281 acres
TMK: 9-1-17: por. 68, por. 69, and por. 75
Request: Agricultural to Urban
Date Filed: March 12, 1997

For detailed information on these matters, contact: The State Land Use Commission

Location Address
Leiopapa A Kamehameha Building
(State Office Tower)
235 S. Beretania Street, Room 406
Honolulu, Hawaii 96813

Mailing Address
P.O. Box 2359
Honolulu, Hawaii 96804-2359

Phone: 587-3822

Shoreline Notices

MARCH 23, 1997

Shoreline Certification Applications

Pursuant to §13-222-12, HAR the following shoreline certification applications are available for inspection at the DLNR District Land Offices on Kauai, Hawaii and Maui and at Room 220, 1151 Punchbowl St., Honolulu, Oahu (Tel: 587-0414). All comments shall be submitted in writing to the State Land Surveyor, 1151 Punchbowl Street, Room 210, Honolulu, HI 96813 and postmarked no later than fifteen (15) calendar days from the date of the public notice of the application.

Case No.	Date Received	Location	Applicant	Tax Map Key
OA-622	03/06/97	Lot 906 of Ld Ct App 242, Puuloa, Ewa, Oahu (91-483 Pupu Street)	Hawaii Land Consultants for Todd Wenke	9-1-30:1
OA-623	03/07/97	Kuhio Beach Park, Waikiki, Honolulu, Oahu (Kalakaua Ave)	C&C of Honolulu/Dept of Public Works for C&C of Honolulu/Dept of Parks & Recreation	2-6-01:3, 4, 8, & 15
HA-187	03/04/97	Lot 62 as Shown on Map 9 of Ld Ct App 1319, Lanhau Iki, North Kona, Hawaii (Kailua-Kona, Hawaii)	Wes Thomas Associates for Kenneth Oda	7-5-05:31

Shoreline Certifications and Rejections

Pursuant to §13-222-26, HAR the following shorelines have been certified or rejected by the DLNR. A person may appeal a certification or rejection to the BLNR, 1151 Punchbowl Street, Room 220, Honolulu, HI 96813, by requesting in writing a contested case hearing no later than twenty (20) calendar days from the date of public notice of certification or rejection.

Case No.	Date Cert/Rej	Location	Applicant	Tax Map Key
OA-614	Certified 03/13/97	Lots 157 Through 162 Inclusive as shown on Map 26, Lot 297 as shown on Map 45, and Lot 2695 as shown on Map 274 of Ld Ct App 1069 at Honouliuli, Ewa, Oahu (Papipi Road)	GMP Associates for Haseko, Inc.	9-1-11:1, 2,3,4,5,6,7 & 9-1-12:6
OA-619	Certified 03/13/97	Lot 261, Ld Ct App 1095, as shown on Map 22 Malaekahana, Koolauloa, Oahu (56-155D Kamehameha Hwy)	Wesley Tengan for Henry Exter	5-6-01:31
HA-142	Certified 03/13/97	RP 3804, LCAw 7958 Ap 2 to Keliinohokaha at Honalo, North Kona, Hawaii (Keauhou-Kainaliu Beach Road)	Wes Thomas Associates for Gary Brand	7-9-05:13
HA-184	Certified 03/13/97	Unit 1, Lot 50, Kehena Beach Estates, Kauohana, Puna, Hawaii (Moana Kai Pali Street)	The Independent Hawaii Surveyors for Robert Smith and Charles Aftoora	1-2-20:16

Pollution Control Permits

MARCH 23, 1997

Department of Health Permits

The following is a list of some pollution control permits currently being reviewed by the State Department of Health. For more information about any of the listed permits, please contact the appropriate branch or office of the Environmental Management Division at 919 Ala Moana Boulevard, Honolulu.

Branch & Permit Type	Applicant & Permit Number	Project Location	Pertinent Dates	Proposed Use
Clean Air Branch, 586-4200, Noncovered Source	Hawaii Electric Light Company, Inc., Permit No. 0342-01-N	Punaluu Dispersed Generation Station, Punaluu, Hawaii	NA	One 1.0 MW Diesel Engine Generator
Clean Air Branch, 586-4200, Noncovered Source	Hawaii Electric Light Company, Inc., Permit No. 0344-01-N	Kapua Dispersed Generation Station, Kapua, Hawaii	NA	One 1.0 MW Diesel Engine Generator
Office of Solid Waste Management, 586-4241	Honolulu Disposal, Permit # TF-0022-97	Sand Island, Oahu TMK: 1-5-41	Date Received: 2/3/97	Renewal of Permit for Transfer Station
Office of Solid Waste Management, 586-4241	Hawaii Metal Recycling, Permit # RY-0023-97	Kailua-Kona Landfill, Hawaii TMK: 7-4-8:16	Date Received: 1/31/97	Renewal of Permit for Scrap Metal Recycling Facility
Office of Solid Waste Management, 586-4241	Hawaii Metal Recycling, Permit # RY-0024-97	Hilo Landfill, Hawaii TMK: 2-1-13	Date Received: 1/31/97	Renewal of Permit for Scrap Metal Recycling Facility
Office of Solid Waste Management, 586-4241	Auto Recycling Corp., Permit # RY-0025-97	Sand Island Industrial Park, Oahu TMK: 1-5-41:280	Date Received: 2/18/97	New Permit for Auto Recycling Facility
Office of Solid Waste Management, 586-4241	DFO Partnership, Permit # IN-0027-97	H-Power, Ewa Beach, Oahu TMK: 9-1-26:30	Date Received: 3/13/96	Renewal of Permit for Incinerator Facility at H-Power
Office of Solid Waste Management, 586-4241	US Marine Corps, Hawaii, Permit # RM-0030-94	KMCBH, Kaneohe, Oahu	Date Received: 2/26/97	Modification of Permit for Remediation Facility

Federal Notices

MARCH 23, 1997

Taro Lo'i Restoration General Permit GP95-003

The Honolulu District of the U. S. Army Corps of Engineers (COE) announced that a general permit authorizing restoration of abandoned taro lo'i (fields) and farming of taro in waters of the United States, including wetlands, in the State of Hawai'i, is being issued to the general public, groups, and agencies, effective, **FEBRUARY 28, 1997**. The permit expires on February 28, 2002. The COE received a blanket Coastal Zone Management (CZM) Program consistency determination on January 27, 1997. All conditions of the consistency determination were incorporated in and made part of the general permit. The COE also waived a Section 401 Water Quality Certification (WQC). Therefore, applicants for GP95-003 **DO NOT REQUIRE** individual WQC or CZM consistency determinations. Interested persons are invited to submit any additional comments and suggestions. For a copy of the permit or for further information, please call the COE at 438-9258 (from, Public Notice GP95-003, February 28, 1997, Honolulu District, COE).

Fish Meetings

The Western Pacific Fishery Management Council's Bottomfish Task Force will meet on **APRIL 1, 1997**, from 9:00 A.M. to 5:00 P.M. at the Leiopapa A Kamehameha Building (State Office Tower), 235 South Beretania Street, Room 204, in Honolulu to discuss and formulate limited entry alternatives for the Mau Zone bottomfish fishery in the Northwestern Hawaiian Islands and consider other business as required (see, 62 F.R. 11846, March 13, 1997). The Council's Scientific and Statistical Committee (SSC) will hold its 65th meeting on **APRIL 8-10, 1997**, from 8:00 A.M. to 5:00 P.M. each day, at the the Ala Moana Hotel, Ilima Room, 410 Atkinson Drive (see, 62 F.R. 12156, March 14, 1997). For more information, please call Ms. Kitty M. Simonds at 522-8220.

Iao Stream Flood Control Project

The U. S. Army Corps of Engineers (COE), pursuant to Section 404 of the Clean Water Act, is considering authorizing its discharge of dredge and fill material into the Iao Stream, Wailuku, Maui. A coastal zone consistency determination was not made for the original project because it started prior to the establishment of the Hawai'i CZM Program. A request for a consistency determination will be submitted along with the final Environmental Assessment and Finding

of No Significant Impact (FONSI) which is being prepared for this action. The decision whether or not to discharge fill will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. **PUBLIC COMMENTS AND/OR A REQUEST FOR A PUBLIC HEARING MUST BE RECEIVED BY THE COE BY APRIL 7, 1997**. For more information, please call Dr. William B. Lennan of the COE at 438-2264 (see, Public Notice CW97-0003, Honolulu District, COE).

Johnston Atoll Trial Burn Approval

The U. S. Environmental Protection Agency (EPA) approved the U. S. Army's request to modify the existing Resource Conservation and Recovery Act (RCRA) permit for the Johnston Atoll Chemical Agent Disposal System (JACADS). The Class 2 modification will allow the Army to perform a Trial Burn on the Liquid Incinerator (LIC) in accordance with the LIC Trial Burn Plan. This modification will allow the Army to carefully measure emissions from the incinerator's stack to determine whether it continues to operate within permitted and regulatory emission limits. The Army will incorporate the results of the Trial Burn into the Health Risk Assessment. **THE LIC TRIAL BURN IS SCHEDULED TO TAKE PLACE DURING THE SECOND WEEK IN APRIL**. For more information, please call Stacy Braye at (415) 744-2056 or 1-800-231-8075.

Biopesticide Experimental Use Permit

The U. S. Environmental Protection Agency (EPA) has granted an experimental use permit (70218-EUP-1) to an unidentified applicant to allow the use of 0.825 pounds of the *Bacillus thuringiensis* subspecies *tolworthi* Cry9C protein in seeds shipped on 3,305 acres of corn to evaluate the control of the European corn borer and other lepidopteran corn pests. The program is authorized in various states, including Hawai'i. The experimental use permit is effective from **FEBRUARY 5, 1997 TO NOVEMBER 30, 1997**. For details, please write to Mike Mendelsohn, Office of Pesticide Programs, Biopesticides and Pollution Prevention Division (7501W), Environmental Protection Agency, 401 M St., SW., Washington, DC 20460. In person or by telephone: Room 3142, CM #2, 1921 Jefferson Davis Highway, Arlington, Virginia, telephone: 703-308-8715, e-mail: mendelsohn.mike@epamail.epa.gov (see, 62 F.R. 12185, March 14, 1997).

Pohakuloa, Makua, Kawaioloa, Kahuku and Schofield Endangered Species

The U. S. Fish and Wildlife Service (FWS) announced that the Director of Public Works, Schofield Barracks ("Applicant"), has applied for a scientific research permit (Permit No. 825577) to conduct certain activities with endangered species pursuant to the Endangered Species Act of 1973. The applicant requests a permit to remove and reduce to possession specimens of the following plant species: *Alsindendron trinerve*; *Labordia cyrtandrae* (kamakahala); *Delissea subcordata* ('oha); *Flueggea neowawraea* (mehamehame); *Lobelia oahuensis*; *Phyllostegia mollis*; *Viola chamissoniana ssp. chamissoniana* (pamakani); *Cyrtandra subumbellata* (ha'iwale); *Viola oahuensis*; *Sanicula purpurea*; *Eragrostis fosbergii* (Fosberg's love grass); *Cyanea grimesiana ssp. obatae* (haha); *Lycopodium nutans* (wawae'iole); *Solanum sandwicense* (popolo 'aiakeakua); *Stenogyne kanehoana*; *Cyanea koolauensis* (haha); *Schiedea nuttallii var. nuttallii*; *Alsindendron obovatum*; *Cyanea superba*; *Sanicula mariversa*; *Dubautia herstobatae* (na'ena'e); *Hedyotis parvula*; *Neraudia angulata*; *Neraudia angulata*; *Silene lanceolata*; *Cenchrus agrimonoides* (kamanomano, sandbur, agrimony); *Cyrtandra viridiflora* (ha'iwale); *Melicope (Pelea) lydgatei* (alani); *Phyllostegia parviflora*; *Pteris lidgatei*; *Cyanea longiflora* (haha); *Labordia cyrtandrae* (kamakahala); *Asplenium fragile var. insulare*; *Hedyotis coriacea* (kio'ele); *Neraudia ovata*; *Silene lanceolata*; *Solanum incompletum* (popolo ku mai); *Tetramalopium arenarium*; *Spermolepis hawaiiensis*; and *Zanthoxylum hawaiiense* (a'e) in Kawaioloa, Kahuku, and Pohakuloa Training Areas, Makua Military Reservation, and Schofield Barracks in conjunction with scientific research for the purpose of enhancing their propagation and survival.

WRITTEN COMMENTS ON THIS PERMIT APPLICATION MUST BE RECEIVED BY APRIL 10, 1997 by: Chief, Division of Consultation and Conservation Planning, Ecological Services, U.S. Fish and Wildlife Service, 911 N.E. 11th Avenue, Portland, Oregon 97232-4181; FAX: 503-231-6243. Please refer to the respective permit number for each application when submitting comments (see, 62 F.R. 11218, March 11, 1997).

Floodplain Management

Text files of the publication *Sharing the Challenge: Floodplain Management into the 21st Century* published by the Executive Office of the President, Council on Environmental Quality, is available for download at <http://>

fedbbs.access.gpo.gov/lib/wh_flood.htm. Proposing a better way to manage floodplains, the report consists of a self-executing set of 43 files. When extracted, these WordPerfect 5.1 format files occupy 3.3MB of disk space.

Northwestern Hawaiian Islands Monk Seal Permit

The National Marine Fisheries Service (NMFS) has issued a scientific research permit no. 1029 (815-1312) to Mr. William G. Gilmartin of the Hawai'i Wildlife Fund, to "take" by Level A and Level B harassment, Hawaiian monk seals (*Monachus schauinslandi*) for purposes of scientific research. The research will be conducted over an 5-year period and will involve census observations, bleach marking, pup tagging/measuring, disentanglement, necropsies, and scat collections. The objective of the research is to study the natural history and behavior of monk seals at Midway Atoll. The permit and related documents are available for review by calling the Protected Species Program Coordinator, Pacific Area Office, Southwest Region, NMFS, 2570 Dole Street, Room 106, Honolulu, HI 96822-2396, at 973-2987 (see, 62 F.R. 10258, March 6, 1997).

Monk Seal Permit Application (PHF# 848-1335)

The National Marine Fisheries Service (NMFS) and the National Oceanic and Atmospheric Administration (NOAA) announces that the Southwest Fisheries Science Center, Honolulu Laboratory of the NMFS has applied in due form for a permit to take Hawaiian monk seals (*Monachus schauinslandi*) for purposes of scientific research. The application encompasses all research and enhancement activities to be conducted on Hawaiian monk seals by the NMFS Honolulu Laboratory for the next 5 years. The proposed activities will also include all takes currently authorized under the Center's Permit No. 898, thereby making that permit null and void. Research activities will involve population assessment, disease assessment, recovery action, and pelagic ecology studies. In compliance with the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.), an initial determination has been made that the activity proposed is categorically excluded from the requirement to prepare an environmental assessment or environmental impact statement.

Federal Notices

MARCH 23, 1997

The application and related documents are available for review by contacting the Protected Species Coordinator, Pacific Area Office, 2570 Dole Street, Room 106, Honolulu, HI 96822-2396, phone 973-2987. Written data or views, or requests for a public hearing on this request, should be submitted to the Director, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13130, Silver Spring, MD 20910. Those individuals requesting a hearing should set forth the specific reasons why a hearing on this application would be appropriate (see, 62 F.R. 10259, March 6, 1997).

Native Graves Meeting

The National Park Service (NPS) announced that the Native American Graves Protection and Repatriation Act (NAGPRA) Review Committee will be held on **MARCH 25-27, 1997 IN NORMAN, OKLAHOMA** to discuss, among other things, additional information regarding a dispute over the disposition of a carved wooden figure from Hawai'i in the possession of the City of Providence and preparation of the committee's 1995-1996 report to Congress. The agenda will also include discussion of the compliance by Federal agencies, implementation of the statute in the States of Oklahoma and Texas, and the disposition of culturally unidentifiable human remains. This meeting will be open to the public. However, facilities and space for accommodating the public

are limited. Any member of the public may file a written statement concerning the matters to be discussed with Dr. Francis P. McManamon, Departmental Consulting Archeologist. Persons wishing further information concerning this meeting, or who wish to submit written statements may contact Dr. Francis P. McManamon, Departmental Consulting Archeologist, Archeology and Ethnography Program (MS 2275), National Park Service, P.O. Box 37127, Washington, D.C. 20013-7127; telephone: (202) 343-4101. Draft summary minutes of the meeting will be available for public inspection approximately eight weeks after the meeting at the office of the Departmental Consulting Archeologist, 800 North Capitol St. NW, Suite 210, Washington, D.C. (see, 62 F.R. 10877, March 10, 1997).

Fishing Quota Advisory Panels

The National Marine Fisheries Service (NMFS), and the National Oceanic and Atmospheric Administration (NOAA), announced that the NMFS is accepting nominations for two advisory panels for an Individual Fishing Quota (IFQ) study to be conducted by the National Academy of Sciences' National Research Council (NRC). Interested parties should submit a statement of interest to the Director of the Office of Science and Technology, NMFS, 1315 East-West Highway, Silver Spring, MD, 20910 by **MARCH 24, 1997** (see, 62 F.R. 8429, February 25, 1997).

Letter of Notice

Beach Nourishment and Restoration

The following are excerpts from a comment letter written by Professor Chip Fletcher to the Army Corps of Engineers regarding the proposed general permit for beach nourishment and restoration in the State of Hawaii.

Thank you for the opportunity to comment on the public notice of the proposed general permit (GP 97-001) for beach nourishment and restoration in the State of Hawaii. I have 4 comments.

1.) This GP has the potential to be a critical and positive turning point in the management of coastal erosion hazards in the State of Hawaii. For too long the preferred engineering approach to erosion has been to armor the coast. Now, with this GP, the Army Corps is sending a message to

coastal stakeholders that there are other technical approaches to consider and that sand replenishment is an acceptable and condoned coastal engineering practice. May I offer my congratulations to the USACE - Honolulu District.

2.) On pg. 2 of the DRAFT Authorization, Item 4.d. provides for pumping sand from the nearshore area for filling geotextile bags or otherwise augmenting the sand volume in the beach area. I have the following concerns -

a. Pumping sand from lower portions of the active beach profile to higher portions of the profile steepens the overall slope of the profile. This increases the role of gravity in the offshore migration of sand, and may actually lead to accelerated erosion of the resulting profile. This action is similar to "beach scraping" where sand is pushed from lower to higher areas of the foreshore. Profile steepening is not a

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good practice and has been criticized as counterproductive in some case studies. Because this concept is, at the least, controversial, I do not recommend that it be permitted under the GP. We should conduct controlled tests of profile steepening in Hawaiian waters before we permit it as an untested procedure.

b. Pumping sand from lower portions of the active beach profile and placing it in geotextile bags constitutes a net loss of sand from the littoral budget. This will necessitate the natural migration of sand from immediately surrounding areas, including the adjacent beaches, to fill-in the borrow site. The result will be to accelerate existing erosion trends, or to instigate erosion where there had been none, along the neighboring shoreline. If geotextile bags are to be used in the shore zone, it is critical that the sand to fill them must not come from ANY littoral source, and that the best source is offshore sources that can be demonstrably shown as being independent of, and not participating in, beach profile fluctuations, and independent of any sediment processes that may contribute to beach profile fluctuations. Sand for nourishment must come from sources that are totally independent of beach processes, even in the case of storm processes, otherwise the borrow activity is likely to cause and/or accelerate coastal erosion, rather than mitigate it.

3.) It is important to monitor ALL beach nourishment projects so that we may accumulate a database with which we can improve future best practices. This is the suggestion of a recent (1995) National Academy of Sciences Panel that studied beach nourishment. Monitoring should consist of regular, scheduled beach profiles extending offshore to the limit of profile fluctuations in order to quantify morphologic changes. Morphologic changes should be monitored with profiles at the fill site as well as along the immediately adjacent shoreline. The surveying procedure and the data format should both be standardized, and the data cataloged at an identified research/monitoring entity with a coastal purview.

4.) In your Attachment: Best Management Practices...item 5. "If a visible turbidity plume...(is) observed...work shall continue only after the plume...is no longer visible" In my opinion, this is too stringent. Because our sand mineralogy is dominately carbonate, it is subject to easy mechanical abrasion. I expect that fully washed and sorted sand, when placed on a beach, will still generate a considerable plume for a short period, and that there is

nothing we can do about it. One suggestion I have is to ask the applicant to determine the natural variability of water turbidity at the fill site and to use that measurement as a threshold not to be exceeded. For instance, the windward sides of the island experience substantial turbidity due to trade-wind wave stirring of the bottom throughout much of the year. This level of natural variability in the environment could be used to set the exceedence threshold beyond which a project must stop and let the levels recede before restarting. Perhaps the Army Corps or some other agency should conduct research to monitor coastal water turbidity under various natural conditions and these values could be evaluated for use in the Best Management Practices.

The Coastal Geology Research Group at the University of Hawaii consists of 9 researchers conducting coastal sedimentology research under grants from the National Science Foundation, Sea Grant, the USGS, FEMA, and DLNR. We currently maintain a network of over 80 beach profile stations on approx. 60 beaches among the islands of Oahu, Maui, and Kauai that has now reached three years duration. We also conduct historical shoreline analysis using digital photogrammetric rectification techniques that provide high spatial resolution of erosion/accretion patterns on Hawaii's sandy shores. Our sedimentological research focuses on determining the age, distribution, budget, composition, and flux of littoral and shoreface sands, including offshore sand bodies that constitute a potential nourishment resource. Our data and findings, in the form of published papers, maps and reports, are available to the USACE if you determine the need.

Aloha and mahalo for the opportunity to provide these comments.

