

# The Environmental Notice

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

MAY 23, 1996

## Mamala Bay Study Recommends Changes to Wastewater Treatment Plants

The Mamala Bay Study Commission recently issued its final report on the water quality investigations of ocean and watershed areas from Diamond Head to Barber's Point on Oahu.

The Commission issued two recommendations that are central to the issue of improving the water quality of Mamala Bay. These are:

(1) that the level of wastewater treatment practiced at the City's Sand Island and Honouliuli plants be upgraded to at least the level of chemically enhanced primary treatment, with disinfection at Sand Island; and (2) that measures for

control of non-point sources of pollution through the Ala Wai Canal be implemented.

The commission found that chemically enhanced primary treatment is justified at both Sand Island and Honouliuli because it is the most environmentally sound and cost-effective way of upgrading the overall efficiency of the existing facilities.

The study supports disinfection at Sand Island, but not at Honouliuli. It found that disinfection at Honouliuli would only marginally improve water quality in the Bay.

See page 9 for more information.

### Environmental Center Studying Exemption Process

At the request of the Office of Environmental Quality Control, the Environmental Center of the University of Hawaii is studying agency use of the exemption process provided under the environmental impact statement law.

The study will assess how agencies use exemptions as a filter for actions which appropriately should not prepare an environmental assessment. In addition, the study should prepare recommendations for improvements to the environmental review process.

Later this month, the Environmental Center will be requesting information from agencies pertaining to the exemption process. In particular, the Center will ask for up-to-date copies of exemption lists, and names of persons to contact for more information.

### Onomea Bay - New Document Submitted

The County of Hawaii Planning Department has withdrawn the draft environmental assessment (DEA) for the Hawaii Tropical Botanical Garden, previously published in *The Environmental Notice* on February 8, 1996. After receiving extensive public comment on the original draft environmental assessment, the Planning Department withdrew the original DEA and submitted a new revised DEA.

The revised DEA describes a new concrete diversion dam in the Onomea stream 130 feet from Old Mamalahoa Highway located approximately 20 feet from the Old Mamalahoa Highway. Another new improvement is a pedestrian overpass over the Onomea Access trail to connect portions of the Garden intersected by this trail.

For further information, see page 16.



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**

220 SOUTH KING STREET  
CENTRAL PACIFIC PLAZA,  
SUITE 400  
HONOLULU, HI 96813

Tel. (808) 586-4185

Fax. (808) 586-4186

Toll Free 1-800-468-4644 ext. 64185

# Definitions

## Your guide to the Environmental Review Process

### Draft Environmental Assessment

A project or action that may affect the environment cannot be implemented until an Environmental Assessment (EA) is prepared in accordance with HRS §343. If the lead government agency anticipates that the project will have no significant environmental impact, then a Draft EA is written and public notice is published in this bulletin. The public has 30 days to comment on the Draft EA from the date of the first notice.

### Final Environmental Assessment and FONSI (Negative Declaration)

If, after the lead agency reviews the public comments, it feels that the project will have no significant effect on the environment, then it will prepare a Final EA and issue a Finding of No Significant Impact (FONSI) formerly called a *Negative Declaration*. The Final EA must respond to all public comments. An Environmental Impact Statement will not be required and the project may now be implemented. The public has 30 days from the first notice of a FONSI in this Bulletin to sue in court to require the preparation of an EIS.

### EIS Prep Notice

If the lead agency decides that a project may have a significant environmental impact, it must prepare an Environmental Impact Statement (EIS) prior to implementing the project. The first step in preparing an EIS is publishing an EIS Preparation Notice (Prep Notice) in this Bulletin. Agencies, groups or individuals have 30 days from the first publication of an EIS Prep Notice to request to become a consulted party and to make written comments regarding the environmental effects of the proposed action. The Draft EIS must respond to these comments.

### Draft EIS

If a project is likely to have a significant environmental impact, the lead agency or private applicant must prepare a

Draft Environmental Impact Statement (Draft EIS) prior to project implementation. This document must completely disclose the likely impacts of a project. Secondary and cumulative impacts must be discussed along with measures proposed to mitigate them. The public has 45 days from the first publication date in this Bulletin to comment on a Draft EIS.

### Final EIS

After considering public comments filed during the Draft EIS stage, the agency or applicant must prepare a Final Environmental Impact Statement (Final EIS). The Final EIS must respond to all comments from the draft stage. If deeper analysis was required, it must be included in this document. If the project is from a private applicant, the lead agency is authorized to accept the FEIS. If the project is public, the Governor or Mayor is the accepting authority. Only after the EIS is accepted, may the project be implemented.

### EIS Acceptance Notice

If the accepting authority accepts a Final Environmental Impact Statement, a separate EIS Acceptance Notice will be published in this Bulletin. The public has 60 days from the date of first notice of acceptance to sue in court to challenge the acceptance of an EIS.

### NEPA

National Environmental Policy Act (NEPA) is the law that requires federal projects to prepare an EIS. It is similar to Hawaii's law. Some projects require both a state and federal EIS and the public comment procedure should be coordinated. Although not required by law, the OEQC publishes NEPA notices in this Bulletin to help keep the public informed of important actions.

### Special Management Area Permits

The Special Management Area (SMA) is along the coastlines of all our islands. Most development in this area requires a Special Management Permit (SMP). The Counties regulate development

of this area. On Oahu, the County law requires an EA be prepared to accompany a permit application. This Bulletin posts notice of these SMP applications to encourage public input.

### Shoreline Certifications

State law requires that Hawaii shorelines be surveyed and certified when necessary to clearly establish the regulatory building setback (usually 40 feet inland from the shoreline). The public may participate in the process to help assure accurate regulatory boundaries. Private land owners often petition to have their shoreline certified prior to construction. This Bulletin publishes notice of both shoreline certification applications and of final certifications or rejections.

### Environmental Council

The Environmental Council is a fifteen-member citizen board appointed by the Governor to advise the State on environmental concerns. The council makes the rules that govern the Environmental Impact Statement process. The agendas of their regular meetings are published in this Bulletin and the public is invited to attend.

### Exemption Lists

Government agencies must keep a list describing the minor activities they regularly perform that are declared exempt from the environmental review process. These lists are reviewed and approved by the Environmental Council. This Bulletin will publish an agency's draft exemption list for public comment prior to Council decision making.

### Conservation District Permits

Use of land in the State Conservation District requires a Conservation District Use Application (CDUA). These applications are reviewed and approved by the Board of Land and Natural Resources (BLNR). Members of the public may intervene in the permit process. Notice of these permit applications is published in this Bulletin.

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## Draft Environmental Assessment

### (1) Nuuanu Reservoir #4 Communications Facility

**District:** Honolulu  
**TMK:** 2-2-54:1  
**Applicant:** Honolulu Cellular Telephone Company  
500 Kahelu Avenue  
Mililani, Hawaii 96782  
Contact: Robert Osias (627-8646)

**Accepting Authority:** Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809  
Contact: Don Horiuchi (587-0381)

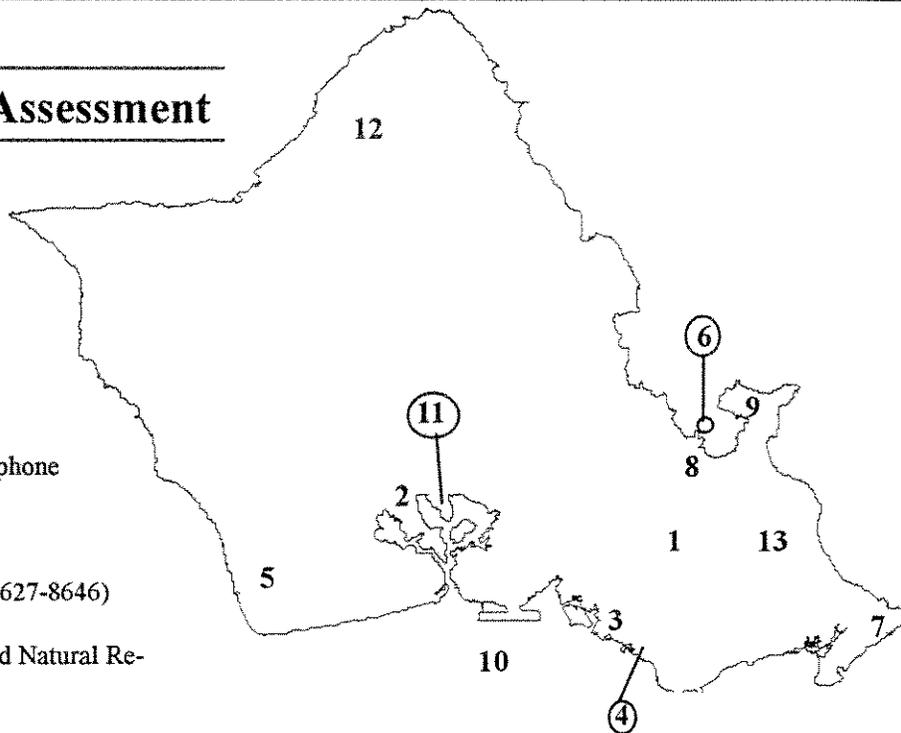
**Consultant:** Oshima, Chun, Fong & Chung  
841 Bishop Street, #400  
Honolulu, Hawaii 96813  
Contact: Michael Lau (528-4200)

#### Public Comment

**Deadline:** June 24, 1996  
**Status:** DEA First Notice pending public comment.  
Address comments to the applicant with copies to the accepting authority, the consultant and OEQC.

The purpose of this facility is to provide clear and uninterrupted cellular telephone service between the Honolulu side of the Pali Tunnels through the upper Nuuanu Valley areas. At present, cellular coverage is sporadic or unclear especially near the Nuuanu Reservoir No. 4 area. The proposed facility is anticipated to improve cellular coverage. The improved cellular coverage will further promote public safety by allowing motorists the ability to seek assistance if stranded and to report accidents or other traffic hazards or conditions along the heavily traveled Pali Highway.

The cellular equipment to be utilized at the site initially will consist of a bi-directional amplifier system which amplifies radio signals from a host cell site (in this case, the signals from the applicant's Kuakini Hospital site located at 347 Kuakini Street will be amplified). The system will include two (2) small antennas attached to separate pipes set in the ground. Total height of the antennas will be approxi-



mately 10 feet above ground level. No tower or other structure will be required. An amplifier cabinet with dimensions of approximately 35" x 30" x 68" high will be mounted on top of a concrete pad of approximately 9 sq. ft.

Rather than incur the cost of bringing in electricity supplied by Hawaiian Electric (which is estimated to cost approximately \$50,000), the applicant plans to power the equipment through the use of solar energy. This is feasible due to the relatively low power requirements of the amplifier equipment. Current plans call for the use of 18-20 photovoltaic modules (panels) which will be mounted on an aluminum frame and will occupy an area of approximately 140 square feet. A battery cabinet (3' x 5' x 5' high) and charger cabinet (28" x 22" x 30" high) supplements the photovoltaic modules. Based on current calculations, the applicant believes that 18-20 photovoltaic modules are required due to the normal cloudy conditions of the area.

### (2) Waipahu High School Eight-Classroom Building

**District:** Ewa  
**TMK:** 9-4-08:20 and 25

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

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

**Public Comment**

**Deadline:** June 24, 1996

**Status:** DEA First Notice, pending public comment.  
Address comments to the applicant with copies OEQC.

Waipahu High School continues to experience a significant shortage of classrooms due to an increase in enrollment caused by development of new residential subdivisions in the school's service area. Existing classrooms are crowded and classroom shortage causes teachers who do not have permanent classrooms to "float." These "floating" teachers utilize teacher's workrooms, library and other available spaces not designed as standard classrooms for classrooms. This creates unnecessary hardship for teachers in the school and provides unfriendly learning environments for students.

This project is to design and construct a two-story, eight-classroom building to ease the current classroom shortage in this land-locked, cramp site. The project is not in a Special Management Area and does not require off-site utilities. However, due to a zoning requirement, a height waiver is required from the County although there are existing similar two-story classroom buildings located on the campus. Also included in this project are any site improvements, connections to public utilities and easements that might be required as a result of this project. The estimated cost of this project is \$3,175,000.

## Final Environmental Assessment/ Finding of No Significant Impact (FONSI)



### (3) Ala Moana Wastewater Pump Station Emergency Generator Upgrade

**District:** Honolulu  
**TMK:** 2-1-15:23  
**Applicant:** City and County of Honolulu  
Department of Wastewater Management  
650 South King Street  
Honolulu, Hawaii 96813  
Contact: Dennis Kaneshiro (527-5848)

**Accepting Authority:** City and County of Honolulu  
Department of Wastewater Management  
650 South King Street  
Honolulu, Hawaii 96813  
Contact: Dennis Kaneshiro (527-5848)

**Consultant:** M&E Pacific, Inc.  
1001 Bishop Street, Suite 500  
Honolulu, Hawaii 96813  
Contact: Wes Geertsema (521-3051)

**Public Challenge**

**Deadline:** June 24, 1996

**Status:** FEA/FONSI issued, project may proceed.

The proposed project involves upgrades to the Ala Moana Wastewater Pump Station (WWPS). Upgrades include addition of a new 2000 kilowatt diesel engine driven emergency generator and building expansion to accommodate the generator and electrical control equipment. These improvements are necessary to meet future sewage pumping requirements at the Ala Moana WWPS and are consistent with the East Mamala Bay Wastewater Facilities Plan. The project lies within the Kakaako Makai Special Management Area (SMA).

The project specifically involves providing a new 2000 KW diesel engine driven generator; providing ventilation, architectural, and structural changes needed for the installation of the generator and to attenuate the noise from the unit; extending the existing generator room to reduce noise impacts; providing positive air pressure relative to the

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adjacent wet well; providing new switchgear; extending the existing electrical room and provide architectural and structural changes needed to accommodate the new switchgear; and providing air conditioning.



## (4) Kalakaua Center Telecommunication Site

**District:** Honolulu  
**TMK:** 2-6-03:17, 18 and 20  
**Applicant:** P.C.S. PrimeCo, L.P.  
1001 Bishop Street, Suite 710  
Honolulu, Hawaii 96813  
Contact: Ted Tsagris (566-9400)

**Accepting Authority:** City and County of Honolulu  
Department of Land Utilization  
650 South King Street, 7th Floor  
Honolulu, Hawaii 96813  
Contact: Dana Teramoto (523-4648)

**Consultant:** Arthur Mori and Associates, Inc.  
1314 South King Street, Suite 955  
Honolulu, Hawaii 96814  
Contact: Jon Lau (596-2421)

**Public Challenge**  
**Deadline:** June 24, 1996  
**Status:** FEA/FONSI issued, project may proceed.

The applicant, P.C.S. PrimeCo, L.P., proposes to add eight (8) antennas, equipment enclosure, and cabling conduit on the roof of the A.N.A. Kalakaua Center (formerly known as the Mitsukoshi Building). The equipment enclosure will be constructed within an existing stair penthouse enclosure. The antennas will be approximately 10 feet high.

## Final Environmental Impact Statements



## (5) East Kapolei Project

**District:** Ewa  
**TMK:** 9-1-17:por. 4; 9-1-18:por. 1; 9-2-04:por. 5;  
9-2-02:por. 1; and 9-1-10:por. 2

**Applicant:** Schuler Homes, Inc.  
828 Fort Street Mall, 4th Floor  
Honolulu, Hawaii 96813  
Contact: Michael Angotti (521-5661)

**Accepting Authority:** City and County of Honolulu  
Planning Department  
650 South King Street  
Honolulu, Hawaii 96813  
Contact: Lin Wong (527-6044)

**Consultant:** Helber Hastert & Fee, Planners  
733 Bishop Street, Suite 2590  
Honolulu, Hawaii 96813  
Contact: Leslie Kurisaki (545-2055)

**Status:** Currently being reviewed by the City and County of Honolulu, Planning Department.

The applicant, Schuler Homes, Inc., is seeking an amendment to the City and County of Honolulu's Development Plan Land Use Map for Ewa for the proposed East Kapolei project. The amendment requests redesignation of approximately 750 acres from Agriculture to Low Density Apartment, Parks and Recreation, Public and Quasi-Public and Commercial. In addition, proposed text changes to the Ewa Development Plan Special Provisions are being requested.

The East Kapolei "project area" consists of four non-contiguous areas. The largest parcel, the "makai parcel" is bordered by Farrington Highway to the north, by Estate of James Campbell east, the Ewa Villages residential area to the south, and by State and Estate of James Campbell-owned lands to the west, and is about 671 acres in size. The "mauka parcel" located between Farrington Highway and the H-1 Freeway comprises 79 acres. The project area also includes off-site areas for water reservoirs and a drainage detention facility, comprising another 43 acres. These infrastructure parcels are not part of the DP Land Use Map application.

The proposed project will consist of approximately 8,000 residential units to be developed over a 16-year period with residential densities ranging from 7 to 20 dwelling units per acre. Approximately 30 percent of the new homes will be affordable to families earning up to 120 percent of the City and County of Honolulu median income.

The concept plan also includes two elementary school sites, a portion of an intermediate school site, a large central park, two neighborhood parks, a "mini-park," bikeways and neighborhood-serving commercial shopping areas.

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## (6) Hawaii Institute of Marine Biology Marine Laboratory and Support Facilities

**District:** Koolaupoko  
**TMK:** 4-6-01:1 and 51  
**Applicant:** Hawaii Institute of Marine Biology  
Coconut Island  
P. O. Box 1346  
Kaneohe, Hawaii 96744  
Contact: Philip Helfrich (236-7418)

**Accepting Authority:** Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

**Consultant:** Belt Collins Hawaii  
680 Ala Moana Boulevard, 1st Floor  
Honolulu, Hawaii 96813  
Contact: Glen Koyama (521-5361)

**Status:** Currently being reviewed by the Office of Environmental Quality Control.

The Hawaii Institute of Marine Biology (HIMB) of the School of Ocean and Earth Science and Technology, University of Hawaii at Manoa, is proposing to expand its existing research and educational facilities on Moku O Loe (Coconut Island) in Kaneohe Bay, Oahu. The proposed plan calls for a new marine laboratory complex that will include general research and special purpose laboratories, an instructional classroom/conference room, saltwater tanks, a library/computer room, storage rooms and accessory facilities.

The new one-story complex will be comprised of three buildings with a total floor area of approximately 21,000 sq. ft. Two of the buildings will be located in the southern section of the island on a hill adjacent to HIMB's existing three-story administration/ laboratory building. The third building will be located within the existing HIMB grounds and will require removal of a saltwater tank shelter and lunch room.

The existing maintenance shop, which is adjacent to the administration/laboratory building, will be relocated to the west side of the island near HIMB's existing boat house. It will be larger than the existing shop to contain the island's various repair and maintenance operations. The facility will have a total floor area of approximately 4,700 sq. ft.

No construction work is planned directly in the lagoon waters that surround the island, and no improvements are

anticipated to the underwater utility lines that serve HIMB.

The proposed marine laboratory complex and maintenance building sites were selected from alternative sites based on project objectives, functional relationship of HIMB's operations, site conditions and environmental considerations. A comprehensive evaluation of potential short-term and long-term impacts from the proposed project was conducted and is presented in the EIS, and mitigation measures are proposed, where necessary. Also provided in the EIS is a description of the federal, state and county permits and approvals that are required before the project can proceed to the construction stage.



## (7) Ka Iwi State Park Master Plan

**District:** Honolulu  
**TMK:** 3-9-11:2, 3, 5, 6, & 7; 4-1-14:1  
**Applicant:** Department of Land and Natural Resources  
Division of State Parks  
1151 Punchbowl Street, Room 310  
Honolulu, Hawaii 96813  
Contact: William Gorst (587-0294)

**Accepting Authority:** Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

**Consultant:** Wilson Okamoto & Associates, Inc.  
1907 South Beretania Street, Suite 400  
Honolulu, Hawaii 96826  
Contact: Earl Matsukawa (946-2277)

**Status:** Currently being reviewed by the Office of Environmental Quality Control.

The final environmental impact statement documents the anticipated impacts of implementing the Ka Iwi State Park Master Plan. The master plan was prepared at the request of the Fourteenth Legislature to help the State determine how the Queen's Beach and Makapu'u Head area, encompassing approximately 354 acres, should be developed if it is acquired for inclusion in the Hawaii State Parks system. There was a consensus among participants in three public meetings held in 1993 that use should generally be of low intensity, with some medium intensity use related to outdoor education programs. Some of the recommendations contained in the master plan include restricting off-road vehicles, restoring shoreline vegetation, establishing an interconnected trail system, constructing parking areas,

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extending the Makapu'u lookout, and adding a comfort station and a visitor center to the Queen's Beach area. Short-term construction impacts are anticipated to affect topography, flora and fauna, soils, and coastal water quality. Long-term positive impacts are anticipated on soils, water quality, and plant ecosystems due to vegetation restoration.

Forty comment letters were received from DEIS reviewers. Several reviewers requested that park boundaries be extended mauka of the Kalaniana'ole Highway. This request is understandable but the Legislature specified that the park study be limited to land makai of the highway unless the land was already part of an existing public park.



## (8) Koolaupoko District Courthouse Site Selection Study

**District:** Koolaupoko  
**TMK:** 4-5-35:por. 10; 4-5-23:1; 4-5-23:por. 2; 4-5-28:6, por. 7  
**Applicant:** Department of Accounting and General Services  
1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813  
Contact: Ralph Yukumoto (586-0488)

**Accepting Authority:** Governor, State of Hawaii  
c/o Office of Environmental Quality Control  
220 South King Street, 4th Floor  
Honolulu, Hawaii 96813

**Consultant:** Fukunaga & Associates, Inc.  
1388 Kapiolani Boulevard, 2nd Floor  
Honolulu, Hawaii 96814  
Contact: Royce Fukunaga (944-1821)

**Status:** Currently being reviewed by the Office of Environmental Quality Control.

A new courthouse is proposed for the Kaneohe area on the island of Oahu. Currently referred to as the Koolaupoko District Courthouse, the proposed facility will replace the existing Kaneohe District Courthouse. The new facility will be designed to accommodate the court needs of Koolaupoko and Koolauloa until 2010.

The existing courthouse currently utilizes two buildings, both of which are located on 46-201 Kahuhipa Street; the second structure, located behind the first, shares space with an automobile body shop. According to the Judicial

System Master Plan, the Kaneohe District Courthouse was rated "marginal" in terms of spatial adequacy, and "inadequate" in terms of operational adequacy.

Four candidate sites have been identified as possible locations for the new courthouse: Site A (TMK: 4-5-35:por. 10) is located adjacent to the Hawaii Pacific University, Hawaii Loa Campus facilities, along Kamehameha Highway directly across from Pali Golf Course; Site D (TMK: 4-5-23:1) is the former State Department of Transportation baseyard site, located on the corner of Kahekili Highway and Keaahala Road, makai of Kaneohe District Park; Site E (TMK: 4-5-23:por. 2) is situated on the State Hospital property, at the corner of Keaahala Road and Pookela Street; Site F (TMK: 4-5-28:6 and por. 7) is owned by Hakkei Enterprises, Inc. (Parcel 6) and Waikalua Farms, Inc. (Parcel 7), and situated on Kamehameha Highway adjacent to Kaneohe Stream. These sites are described and evaluated in the Final Environmental Impact Statement for the Site Selection for the New Koolaupoko District Courthouse.

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## National Environmental Policy Act (NEPA)

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## (9) Construction of Family Housing at MCBH Kaneohe Bay (Finding of No Significant Impact)

**District:** Koolaupoko  
**TMK:** 4-4-08:01  
**Applicant:** U.S. Marine Corps  
Marine Corps Base Hawaii  
Attn: Code LE, Box 63002  
Kaneohe Bay, HI 96863-3002  
Contact: Major P.A. D'Antonio (257-6920 x 246)

**Accepting Authority:** U.S. Marine Corps  
Marine Corps Base Hawaii  
Attn: Code LE, Box 63002  
Kaneohe Bay, HI 96863-3002  
Contact: Major P.A. D'Antonio (257-6920 x 246)

**Consultant:** Parametrix, Inc.  
P.O. Box 460  
Sumner, WA 98390-1516  
Contact: PACNAVFACENGCOM Code  
231GK (471-9338)

The Commanding General MCBH Kaneohe Bay has issued a Finding of No Significant Impact (FONSI) for a project to construct up to 300 family housing units for enlisted military personnel and their families aboard the base. The project consists of three and four-bedroom units in three and four-story structures on a 30-acre site at the lower eastern portion of Pu'u Hawai'i Loa--a volcanic cinder cone--located along Moffett Road between Mokapu Road and Reeves Road.

Pursuant to Council on Environmental Quality regulations (40 CFR Parts 1500-1508) which implement the procedural provisions of the National Environmental Policy Act, the U.S. Marine Corps gives notice that an Environmental Assessment (EA) has been prepared and an Environmental Impact Statement (EIS) is not being prepared for the proposed project.

Single copy requests for the FONSI or the EA document should be sent to Major P.A. D'Antonio, Code LE, MCBH Kaneohe Bay, Box 63002, Kaneohe Bay (MCBH), Hawaii 96863-3002 or by telephone at (808) 257-6920 ext. 246 or by facsimile transmission at (808) 257-2794.

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## Mamala Bay Study

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### (10) Final Report

The Mamala Bay Study Commission has prepared a final report in response to a consent decree issued by the United States District Court for the District of Hawaii on November 10, 1991. The decree directed the Commission to study point and non-point sources of pollution, to analyze the effects of these sources on the environment and public health and to make appropriate recommendations to improve the water quality of Mamala Bay.

While the Commission offers specific recommendations for utilizing the unique information and resources developed during the investigation, there are two recommendations that

are central to the issue of improving the water quality of Mamala Bay. These are:

(1) that the level of wastewater treatment practiced at the City's Sand Island and Honouliuli plants be upgraded to at least the level of chemically enhanced primary treatment (CEPT), with disinfection at Sand Island, and

(2) that measures for control of non-point sources of pollution through the Ala Wai Canal be implemented.

A copy of the report is available for review at OEQC.

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## Action Within Flood Hazard Zone

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### (11) Pearl City Peninsula Neighborhood Park

**District:** Ewa  
**TMK:** 9-7-12:por. 2; 9-7-15:por. 2

This is a public notice of findings in compliance with Executive Order 11988.

The U.S. Navy intends to construct a neighborhood park of approximately 7 acres within its Pearl City Peninsula family housing area. The site lies within the Waiawa Stream 100-year Floodplain as established by the Federal Emergency Management Agency's Flood Insurance Rate Map (Zone A, no base flood elevation determined). A study was conducted to evaluate the project for compliance with Executive Order 11988, Floodplain Management. Public comment was invited through public notices in local newspapers on March 22 and 26, 1996 and the State of Hawaii Office of Environmental Quality Control Environmental Notice on March 23, 1996; a presentation to the Pearl City Community Association on March 27, 1996; and consultation with the Pearl City Neighborhood Board on March 14, 1996. After careful evaluation, the Navy has determined that there are no other practicable alternatives to siting the project in the floodplain, and that the project will not have any significant adverse impact on beneficial floodplain values or the life and property of adjacent residents. The entire park will be located within the flood fringe area, proposed restroom and pavilion buildings will be located in an area of the site above the base flood

# Oahu Notices

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elevation and subsurface utility systems will be waterproofed to minimize any potential hazards. The Navy intends to begin construction as soon as all contractual requirements are completed.

Comments on this decision or requests for a more detailed Statement of Findings and Public Explanation may be addressed to the Commander, Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, Hawaii 96860-7300 (Attn.: Mr. John Bigay, Code 231), telephone 471-9338 or facsimile 474-4890. To be considered, comments must be received by May 29, 1996.

## Supplemental EIS Not Required

### (12) Waialua-Kuilima 46kV Subtransmission Line

The Department of Land Utilization has determined that a supplemental EIS is not required for the above project.

On October 6, 1993, the Department of Land Utilization accepted the Final Environmental Impact Statement for the Waialua to Kuilima 46kV Subtransmission Line. Notice of this action was published in the October 23, 1993 issue of the OEOC Bulletin. At that time, the proposal was for the installation of a new 46kV (46,000 volt) subtransmission line from its existing Waialua Substation to its existing Kuilima Substation. The proposed line would have been approximately 13.6 miles long and generally cross the mid-elevation lands between the North Shore and the Koolau Mountains.

The applicant has modified the proposed project by realigning the kV lines in four areas, and to utilize steel, rather than wood poles. The applicant decided to realign the kV lines so it would affect fewer property owners, and from discussions with other property owners affected by the proposal.

The following rationales lead to the realignment:

1. Removes the project from the Special Management Area and flood-prone areas;
2. Reduce potential visual impacts from Waimea Falls Park;

3. Prevent the subtransmission line from bisecting a landowner's property; and

4. Avoid conflicts with the U.S. Army's training activities, including helicopter operations.

## Clean Water Permit

### (13) Meadow Gold Dairies, Inc. NPDES Permit

The State Department of Health (DOH), Environmental Management Division, tentatively proposes to issue a National Pollutant Discharge Elimination System (NPDES) permit to discharge process wastewater overflow from the Meadow Gold Dairies, Incorporated to Inoaole Stream, subject to special conditions to:

Meadow Gold Dairies, Inc.  
P.O. Box 280  
Waimanalo, Oahu HI 96795

The Meadow Gold Dairies, Incorporated operates the existing dairy cattle facility located at 41-330 Waikupanaha Street, Waimanalo, Oahu, Hawaii 96795. At the facility a maximum of 2,548 dairy cattle are managed for the production of milk.

Persons wishing to comment upon or object to the proposed NPDES permit or to request a public hearing, should submit their comments or requests in writing no later than June 10, 1996 either in person or by mail, to:

State Department of Health  
Clean Water Branch  
919 Ala Moana Boulevard, Room 301  
Honolulu, Hawaii 96814-4920  
Telephone: (808) 586-4309 or toll free number at 1-800-468-4644, ext. 64309  
Contact: Alex Y.T. Wong.

## Draft Environmental Assessments

### (1) Lower Honoapiilani Roadway Improvements, Phase III

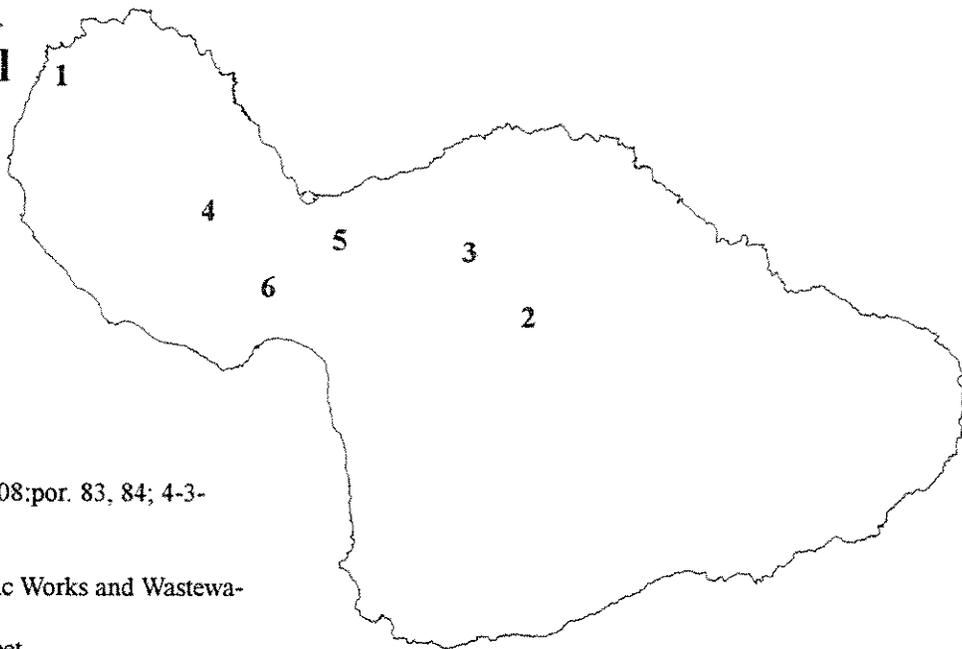
**District:** Lahaina  
**TMK:** 4-3-06:por. 41; 4-3-08:por. 83, 84; 4-3-10:por. 5, 6  
**Applicant:** County of Maui  
Department of Public Works and Wastewater Management  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Joe Kruger (243-7745)

**Accepting Authority:** County of Maui  
Department of Public Works and Wastewater Management  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Joe Kruger (243-7745)

**Consultant:** Wilson Okamoto & Associates, Inc.  
1907 South Beretania Street, Suite 400  
Honolulu, Hawaii 96826  
Contact: Rodney Funakoshi (946-2277)

**Public Comment**  
**Deadline:** June 7, 1996  
**Status:** DEA Second Notice, pending public comment. Address comments to the applicant with copies to the consultant and OEQC.

The County of Maui Department of Public Works and Waste Management proposes roadway and drainage improvements for an approximately one-mile long portion of Lower Honoapiilani Road between Mahinahina Stream and Hoohui Road in Lahaina, Maui. The project constitutes the third phase of improvements for Lower Honoapiilani Road and will provide visitors and residents of the area with safer walkways, better driving conditions, on-street parking and improved drainage conditions.



The proposed improvements will affect the existing roadway and portions of nearby parcels. Approximately 2,000 square feet of land from five parcels will need to be acquired by the County of Maui for the road improvements. The existing two-lane roadway which has pavement widths ranging from 22 to 32 feet will be widened by 6 feet. Roadway right-of-way will be widened by up to 9 feet. Parallel parking will be provided intermittently and primarily on the makai side of the roadway.

The road improvements will include resurfacing and replacement of asphalt concrete pavement, a buffer/swale up to 8 feet wide, new sidewalks, concrete curbing, and catch basins where necessary. A new box culvert will convey stormwater runoff from the undeveloped parcel near the wastewater pump station across Lower Honoapiilani Road to the ocean. As needed, existing utility systems will be relocated, including electrical and telephone poles, fire hydrants, water lines, sewer lines, and drain lines.

### (2) Lower Kula Pump Station and 2 MG Water Storage Tank

**District:** Makawao  
**TMK:** 2-4-13:179

# Maui Notices

MAY 23, 1996

**Applicant:** County of Maui, Department of Water Supply  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Herb Chang (243-7835)

**Accepting Authority:** County of Maui, Department of Water Supply  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: David Craddick (243-7816)

**Consultant:** ECM, Inc.  
1357 Kapiolani Boulevard, #1230  
Honolulu, Hawaii 96814  
Contact: Charles Willson (951-4105)

**Public Comment Deadline:** June 7, 1996  
**Status:** DEA Second Notice, pending public comment. Address comments to the applicant with copies to the consultant and OEQC.

The County of Maui Department of Water Supply (DWS) intends to construct an in-line pumping station using low-noise submersible pumps and a 2 million gallon (mg) water storage tank on the Lower Kula transmission main on a 5.594 acre parcel in the Olinda area of upcountry (Kula) Maui.

These improvements will benefit the community by boosting water flow to the existing Lower Kula service area above the rate possibly by gravity flow alone, which is currently inadequate to meet the peak demands of this system. This will reduce the possibility of water shortages due to transmission inadequacies. The 2 million gallon tank will increase system storage to meet Maui County standards, improve the reliability of this water system, and facilitate diversion of excess water to the Makawao system. This is a socially necessary project which will provide significant benefit to the social welfare and economic vitality of the community, and no significant environmental impacts are expected or likely. A negative declaration is anticipated.

## (3) Makawao Parking Lot

**District:** Makawao  
**TMK:** 2-4-31:01

**Applicant:** County of Maui  
Department of Public Works, Engineering Division  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Wendy Kobashigawa (243-7745)

**Accepting Authority:** County of Maui  
Department of Public Works, Engineering Division  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Wendy Kobashigawa (243-7745)

**Public Comment Deadline:** June 24, 1996  
**Status:** DEA First Notice pending public comment. Address comments to the applicant and OEQC.

The County of Maui, Engineering Division is proposing to construct a 90-stall asphalt concrete paved parking lot in Makawao, Maui, Hawaii. Improvements will consist of an underground drainage system, striping and signage, street lights, a retaining wall, landscaping and irrigation, concrete curbs and gutters, sidewalks, and wheelchair ramps.

## (4) Mokuhau Water Tank

**District:** Wailuku  
**TMK:** Parcel "A" as identified on Tax Map 3-4-36  
**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:** Munekiyo & Arakawa, Inc.  
1823 Wells Street, Suite 3  
Wailuku, Hawaii 96793  
Contact: Milton Arakawa (244-2015)

**Public Comment Deadline:** June 7, 1996

**Status:** DEA Second Notice, pending public comment. Address comments to the applicant with copies to the consultant and OEQC.

The project site is located on a portion of a County-owned parcel located north of and adjacent to the Iao Stream Flood Control project. This parcel, which encompasses approximately 26.926 acres, is not assigned a Tax Map Key (TMK) number; however, it has been recorded as Parcel "A" with the Bureau of Conveyances, and is identified on Tax Map 3-4-36. The improvements are proposed to occupy a portion of Parcel "A", approximately 450 feet south of the existing 1.0 million gallon Mokuahau water tank located at the western extent of Mokuahau Road. The Iao Stream Flood Control project, built by the U.S. Army Corps of Engineers, protects the proposed project site from existing streamflows. Existing vegetation within the project site includes various shade trees, haole koa, lowlying grasses and weeds.

The proposed project involves the construction of a 3.0 million gallon water tank, installation of two (2) transmission lines (20-inch inlet and 24-inch outlet), and a 12-foot wide paved access road extending from Mokuahau Road to the proposed water tank. Other related improvements include a 0.30 acre-ft. detention basin and 18-inch overflow and drain lines. It is noted that approximately 90 feet of the proposed inlet/outlet transmission lines will be installed within the western extent of the Mokuahau Road right-of-way. This area of installation is necessary in order to connect the proposed 3.0 million gallon water tank system to existing waterlines within the Mokuahau Road right-of-way.

Pumping capabilities for the proposed 3.0 million gallon water tank will be provided by the existing pump station located at the westerly extent of Mokuahau Road (TMK 3-3-02:24). This pump station, which is currently servicing the existing 1.0 million gallon water tank located on the same parcel, will be upgraded to improve pump monitoring and operations in anticipation of the proposed project.

The proposed improvements are intended to provide additional water storage capacity to accommodate the water demands in the Central Maui and Kihei regions. It will also allow the existing 1.0 million gallon water tank to be taken off-line for necessary repairs and renovations without interruption to the water service currently being provided.

## Final Environmental Impact Statements

### (5) Central Maui Expansion of Sanitary Landfill Project

**District:** Wailuku  
**TMK:** 3-8-03:4  
**Applicant:** County of Maui, Department of Public Works and Waste Management  
Solid Waste Division  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Charles Jencks (243-7845)

**Accepting Authority:** County of Maui, Department of Public Works and Waste Management  
Solid Waste Division  
200 South High Street  
Wailuku, Hawaii 96793  
Contact: Charles Jencks (243-7845)

**Consultant:** Masa Fujioka & Associates  
99-1205 Halawa Valley Street, Suite 302  
Aiea, Hawaii 96701-3281  
Contact: Jennifer Kleveno (484-5366)

**Status:** Accepted by the County of Maui, Department of Public Works and Waste Management on April 29, 1996.

The County of Maui has determined that the existing Central Maui Sanitary Landfill is reaching its capacity and that an additional solid waste disposal site is needed. Instead of searching for a new landfill location, the County proposes to expand the existing Central Maui Sanitary Landfill. The proposed project includes Phases IV, V and VI. Phases IV and V are currently being used by a quarry operation and Phase VI is currently occupied by sugar cane but is scheduled for quarry operations in the future. Expanding the landfill into areas where the quarry operation is completed eliminates the need for large-scale excavation, and is a good use of quarried areas.

This site is centrally located with respect to the major population centers of Maui, yet it is also in a rural, agricultural district. This combination of a central yet rural location and compatible physical characteristics makes the site

# Maui Notices

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operationally and environmentally well-suited for the expansion of the landfill.

The project will have both beneficial and adverse environmental impacts. The primary beneficial impacts are the continuation of a centrally located landfill site that will eliminate the difficulties of locating a new site, and the accommodation of the County's solid waste disposal needs through at least the year 2016. The landfill will also protect the public health by preventing the existing landfills from exceeding their design capacity.

Potential adverse impacts include contamination of groundwater and surface water resources and windblown litter, and effects on traffic, noise, air quality, historic and archeological features, scenic resources, and flora and fauna. Impacts to these resources and mitigation measures to eliminate or minimize adverse impacts are thoroughly discussed in the EIS. Overall assessment of the impacts indicates that the benefits of the project significantly surpass the adverse impacts.

Acreage: Approximately 51.946 acres

Proposed Use: Industrial Baseyard and Related Uses

Received: April 16, 1996

More detailed information on this request may be obtained by reviewing the petition and maps on file at the Land Use Commission office or the County of Maui Planning Department.

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## State Land Use Boundary Amendment

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### (6) Earl Stoner - Waikapu Agricultural to Urban

This is to advise you that a petition to amend the State Land Use District Boundaries with the following general information has been received by the State Land Use Commission:

Docket No./Petitioner: A96-717/C. Earl Stoner, Jr., on behalf of S & F Land Company

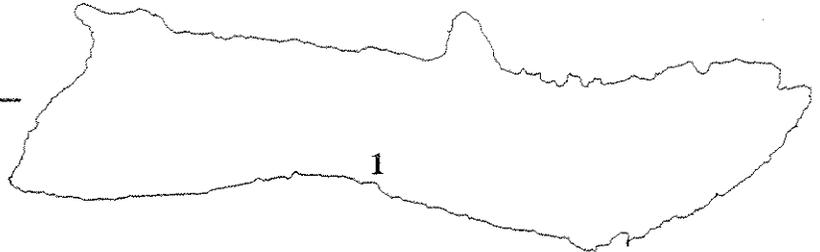
Owners: A & B Properties, Inc. and A & B-Hawaii, Inc.; Maui Electric Company, Ltd.

Tax Map Key: 3-8-05:por. 01, 19, 22 and 38

Location: Waikapu, Wailuku, Maui

Requested Reclassification: Agricultural to Urban

## Final Environmental Assessments/Finding Of No Significant Impact (FONSI)



### (1) Kaunakakai Wetlands

**District:** Molokai  
**TMK:** 5-3-5:por. 6  
**Applicant:** Molokai Ranch, Ltd.  
55 Merchant Street, Suite 2000  
Honolulu, Hawaii 96813-4306  
Contact: Keith Fernandez (531-0158)

**Accepting Authority:** Department of Land and Natural Resources  
Office of Conservation and Environmental Affairs  
P.O. Box 621  
Honolulu, Hawaii 96809  
Contact: Don Horiuchi (587-0377)

**Consultant:** Munekiyo & Arakawa, Inc.  
1823 Wells Street, Suite 3  
Wailuku, Hawaii 96793  
Contact: Michael Munekiyo (244-2015)

**Public Challenge**  
**Deadline:** June 24, 1996  
**Status:** FEA/FONSI issued, project may proceed.

This wetland mitigation project, which has been developed in coordination with the U.S. Department of the Army and the U.S. Fish and Wildlife Service, will create an enhanced wetland area as mitigation for the proposed filling of an existing 1.3 acre wetland situated in Kaunakakai Town.

The proposed action involves the creation of a permanent open water area surrounded by a seasonal wetland area at an approximately 2.6 acre site.

The open water area will encompass an area of approximately one-half acre. Ground excavation of approximately four (4) feet will be required to expose the underlying brackish water. The water table level at the site will provide the necessary water level to sustain soil saturation, waterbird habitat and plant establishment. Surrounding the open water area, a proposed seasonal wetland (approximately two (2) acres) will be designed to provide local depressions which

will promote ponding during the rainy season. Total estimated excavation to create the open water and seasonal wetland areas is approximately 11,000 cubic yards.

The enhancement site is confined entirely within the perimeter of an earthen berm, with the enhancement pond's east, north and south boundaries abutting the berm's perimeter. However, a new berm, similar to the construction of the existing berm, will be required to enclose the enhancement site at its westerly boundary. Approximately 500 cubic yards of fill is required to establish the new berm.

The proposed wetland section provides for a 3-foot to 5-foot wide moat which is intended to serve as a deterrent to predators such as dogs, cats, and mongoose. The moat will surround the proposed wetland in its entirety. Additionally, appropriate wetland plantings will be planted along the wetland's perimeter berm for visual buffer enhancement purposes.

Vehicular access control (i.e., gates or physical barriers) to the enhancement site will be provided to ensure that unauthorized vehicles are prevented from entering areas in close proximity to the enhanced wetland.

The enhancement site is located within the State Conservation District as well as the Shoreline Setback Area.

# Hawaii Notices

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## Draft Environmental Assessments

### (1) Hawaii Tropical Botanical Garden

**District:** South Hilo  
**TMK:** 2-7-10:2, 6, & 10; 2-7-10:22  
**Applicant:** Hawaii Tropical Botanical Garden  
101 Aupuni Street, Suite 1014A  
Hilo, Hawaii 96720  
Contact: Sandra Pechter Schutte (969-7331)

**Accepting Authority:** County of Hawaii  
Planning Department for Planning Commission  
25 Aupuni Street  
Hilo, Hawaii 96720  
Contact: Virginia Goldstein (961-8288)

**Consultant:** Sandra Pechter Schutte (969-7331)  
101 Aupuni Street, Suite 1014A  
Hilo, Hawaii 96720

#### Public Comment

**Deadline:** June 24, 1996  
**Status:** DEA First Notice, pending public comment. Address comments to the applicant with copies to the accepting authority, the consultant, and OEQC. Note: The County has withdrawn the previous DEA submitted and published in the February 8, 1996 Environmental Notice on the subject request.

The applicant proposes a Master Plan to be established to make certain immediate and future improvements to the Hawaii Tropical Botanical Garden which covers approximately 38.5 acres. The proposed improvements are within the State Land Use Conservation District, with portions of the improvements in the Special Management Area (SMA).

Immediate improvements include the following:

1. A new garden entrance along the Old Mamalahoa Highway, with wrought iron locked gate, fencing and bulletin boards, covered rain shelter, utility shed and related improvements.
2. Construction of two new wooden walkways at the entrance and at the Vista trail.



3. A covered rain shelter at the bottom of the new entrance trail and at the Vista lookout.
4. Four covered rest shelters located at various points.
5. Two parking areas to be established for employees.
6. Concrete diversion dams to be located within Onomea Stream and Alakahi Stream.
7. A pedestrian overpass for visitors over the Onomea access Trail.
8. Utility poles and lines, guy wires and related equipment along Mamalahoa Highway.
9. No trespassing signs to be located at various points in the Garden.
10. Informational and directional signs and various locations.
11. Landscaping at entrance, Vista trails and employee parking areas.

Future Master Plan Improvements include:

1. Fencing, landscaping, a gated wooden suspension bridge, three research greenhouses, an additional restroom facility, and no trespassing and directional signs.

## (2) Mamalahoa Highway Improvements, Kamamalu Street and Lindsey Road, Waimea

**District:** South Kohala  
**TMK:** 6-5-04; 6-6-05:2; 6-5-05:16  
**Applicant:** County of Hawaii, Department of Public Works  
25 Aupuni Street  
Hilo, Hawaii 96720  
Contact: Casey Yanagihara (961-6327)

**Accepting Authority:** County of Hawaii, Department of Public Works  
25 Aupuni Street  
Hilo, Hawaii 96720  
Contact: Casey Yanagihara (961-6327)

**Consultant:** William L. Moore and Ron Terry, Ph.D.  
159 Halai Street  
Hilo, Hawaii 96720  
Contact: William Moore (935-0311)

### Public Comment

**Deadline:** June 7, 1996  
**Status:** DEA Second Notice, pending public comment. Address comments to the applicant with copies to the consultant and OEQC.

The Hawaii County Department of Public Works (DPW) proposes to undertake improvements to the Mamalahoa Highway (State Highways 19 and 190) in Waimea between Kamamalu Street and Lindsey Road. The federal government would match County of Hawaii funds on an 80/20 basis for the project, which would have a total construction cost of \$4 million. If necessary approvals are obtained in a timely manner, the project is scheduled to begin in late 1996 and would be completed in mid 1998.

The proposed project is intended to improve traffic and pedestrian safety as well as traffic operations within Waimea. The project consists of pavement rehabilitation, new and/or upgraded traffic signals at Lindsey Road, Pu'u Kalani Street and Kamamalu Street; sidewalks, turning lanes, streetlights, road drainage system and other safety improvements.

The County's share of the project cost totals twenty percent of the total estimated cost of \$800,000. The Federal

Highways Administration will be responsible for the balance of the project costs through its highway grant-in-aid programs.

In addition to the roadway improvements, the project may include the possible relocation of the existing overhead utilities line within the project corridor. The placement of the existing utilities underground could be done either as part of the Mamalahoa Highway improvements or constructed at a later date, depending on funding availability. Costs for the construction of the underground utilities range from \$4 to over \$5 million, depending on whether or not the existing 69 kV line is rerouted around Waimea or placed underground.

## (3) Puuwaawaa Wildlife Sanctuary Boundary Fence Construction

**District:** North Kona  
**TMK:** 7-1-01-1  
**Applicant:** Department of Land and Natural Resources  
Division of Forestry and Wildlife  
1151 Punchbowl Street, Room 325  
Honolulu, Hawaii 96813  
Contact: Jon Giffin (933-4221)

**Accepting Authority:** Department of Land and Natural Resources  
1151 Punchbowl Street  
Honolulu, Hawaii 96813  
Contact: Paul Conry (587-0166)

### Public Comment

**Deadline:** June 24, 1996  
**Status:** DEA First Notice, pending public comment. Address comments to the applicant with copies to the accepting authority and OEQC.

The Division of Forestry and Wildlife (DOFAW) proposes to enclose the entire Puuwaawaa Wildlife Sanctuary with stock-proof fencing. This barrier will prevent the entry of domestic and feral livestock from outside, and facilitate feral animal control efforts within the sanctuary. The sanctuary is only partially fenced at the present time. Sections along the eastern boundary and the entire southern boundary are not enclosed by protective fencing. The goal of this project is to construct a boundary fence around the entire perimeter of the Puuwaawaa Wildlife Sanctuary. It will serve to protect native plant and forest bird habitats from feral ungulate damage. Upon completion, all feral sheep, pigs and goats will be

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removed from the sanctuary area and an ungulate free environment will be maintained if possible.

Fence construction will require the clearing of fence corridors and construction of a road for vehicular access. Two areas will be fenced, a 1.7 mile segment along the eastern boundary and a 3.2 mile segment along the southern boundary. A road already exists along the eastern boundary, but a new road will be constructed on the southern boundary. Fence construction may require the removal of trees along the fence corridor. The fence alignment will be surveyed for the presence of rare and endangered plants. The alignment will be moved to avoid disturbance to any rare and endangered plants. Measures to prevent erosion will be employed.

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## Final Environmental Assessments/Finding Of No Significant Impact (FONSI)

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### (4) Volcano Art Center Direct Lease of State Land

**District:** Puna  
**TMK:** 1-9-05:09  
**Applicant:** Volcano Art Center  
P.O. Box 104  
Hawaii National Park, Hawaii 96718  
Contact: Michael Moore (967-8222)

**Accepting Authority:** Department of Land and Natural Resources  
P.O. Box 936  
Hilo, Hawaii 96721-0936  
Contact: Gary Martin (974-6203)

**Consultant:** Menezes Tsukazaki Yeh & Moore  
100 Pauahi Street, Suite 204  
Hilo, Hawaii 96720  
Contact: Michael Moore (961-0055)

#### Public Challenge

**Deadline:** June 24, 1996  
**Status:** FEA/FONSI issued, project may proceed.

The Volcano Art Center (VAC) is a non-profit educational organization that sponsors and promotes activities in visual, literary and performing arts. Due to Federal government restrictions, VAC is unable to secure a long-term lease

at their present location within the Kilauea Military Camp premises. The subject parcel was chosen as a relocation site for a long-term lease.

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## Clean Water Permit

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### (5) Shipman Generating Station

The State Department of Health (DOH) tentatively proposes to issue a National Pollutant Discharge Elimination System (NPDES) permit, including the Zone of Mixing (ZOM), to discharge once-through condenser cooling water, and storm water from the Shipman Generating Station to the Wailoa River Sampan Basin, Hilo Bay subject to special conditions to Hawaii Electric Light Company, Inc., P.O. Box 1027, Hilo, Hawaii 96721.

The Hawaii Electric Light Company, Inc. operates the Shipman Generating Station located at the intersection of Lihwai Street and Banyan Drive, Hilo, island of Hawaii.

Persons wishing to comment upon or object to the proposed NPDES permit, including the ZOM, or to request a public hearing, should submit their comments or requests in writing no later than June 7, 1996, either in person or by mail to:

State Department of Health  
Clean Water Branch  
919 Ala Moana Boulevard, Room 301  
Honolulu, Hawaii 96814-4920  
Telephone: (808) 586-4309 or toll free number at  
1-800-468-4644, Ext. 64309  
Contact: Alec Y.T. Wong

## Draft Environmental Assessments

### (1) Sheraton Kauai Hotel Shoreline Walkway

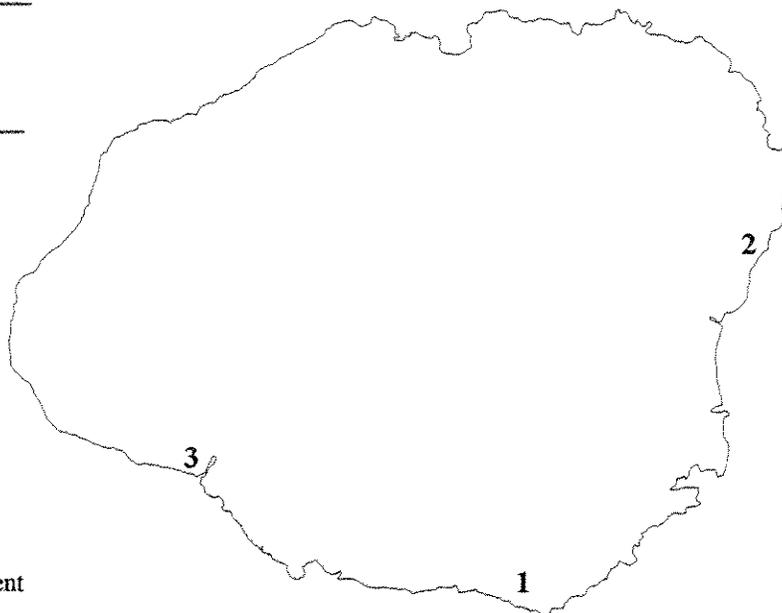
**District:** Koloa  
**TMK:** 2-08-16:3  
**Applicant:** Obayashi Corporation  
725 Kapiolani Boulevard, 4th Floor  
Honolulu, Hawaii 96813

**Accepting Authority:** County of Kauai, Planning Department  
4444 Rice Street, Suite 473  
Lihue, Hawaii 96746  
Contact: George Kalisik (241-6677)  
4334 Rice Street, Suite 202  
Lihue, Hawaii 96746  
Contact: Michael Belles (245-4705)

**Consultant:** Belles, Graham, Proudfoot, and Wilson  
4334 Rice Street, Suite 202  
Lihue, Hawaii 96746  
Contact: Michael Belles (245-4705)

**Public Comment**  
**Deadline:** June 7, 1996  
**Status:** DEA Second Notice, pending public comment. Address comments to the applicant with copies to the accepting authority, the consultant and OEQC.

The project consists of repair and replacement of a 1,100 foot long, six foot wide concrete pedestrian walkway, and new construction of an additional 600 feet of walkway within the 40 foot Shoreline Setback Area, makai of the Sheraton Kauai Hotel in Poipu. The previously existing walkway was damaged by Hurricane Iniki, and the new section is proposed to be located along a previously existing defined grass path. The project also includes landscape related improvements including plantings, furniture, an irrigation system, lighting, and luau torches.



## Final Environmental Assessments/Finding Of No Significant Impact (FONSI)

### (2) Kapaa Elementary School Building "D" Demolition/Replacement Cafetorium

**District:** Kawaihau  
**TMK:** 4-6-14:31 and 4-6-15:15  
**Applicant:** Department of Accounting and General Services  
1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813  
Contact: Gary Chong (586-0487)

**Accepting Authority:** Department of Accounting and General Services  
1151 Punchbowl Street, Room 430  
Honolulu, Hawaii 96813  
Contact: Gary Chong (586-0487)

**Public Challenge**  
**Deadline:** June 24, 1996  
**Status:** FEA/FONSI issued, project may proceed.

# Kauai Notices

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The project is located on the grounds of Kapaa Elementary School. The Department of Education (DOE) and the Department of Accounting and General Services (DAGS) propose to demolish Building "D" which is a historic building and construct a new cafetorium to be located adjacent to the Building "D" site.

## BUILDING TO BE DEMOLISHED:

Building "D" of Kapaa Elementary School is listed on the National Register of Historic Places. The building was built in 1926. It is H-shape in plan with a floor area of 6,700 square feet. It is a one-story single wall wooden building with pitched roof of timber rafters and decking covered with corrugated metal sheathing. The timber floor decking is supported by a timber post, beam and joist framing system. The original entry at the south end of the building has an unusual columned lanai opening via glass doors to the main hall. The large main hall, located in the center of the building, is spanned by large timber beams decorated with molding. There are small rooms adjacent to the recessed entry lanai and near the raised stage at the opposite end. The building has been used as the school auditorium, cafeteria and classrooms. The building was severely damaged by Hurricane Iniki on September 11, 1992 and throughout its life, the building framing members and supports were damaged by termites and dry rot. DOE/DAGS' consultants investigated and provided the following recommendation, "Due to the extensive termite damage (80%) and damage inflicted by Iniki (20%), the present building should be replaced." The State Historic Preservation Division of the Department of Land and Natural Resources concurred with the DOE's proposal to demolish the existing Building "D" and construct a replacement building.

## NEW CAFETORIUM BUILDING:

The replacement building, which is a new cafetorium, will be located adjacent to the site of the existing Building "D." It will be a reinforced concrete/masonry building of approximately 8,181 square feet. Design of the new building is to retain certain characteristics of the building being demolished as requested by various governmental agencies involved with historic sites. The new building will be designed to meet current Federal, State and County building code requirements and the DOE's Educational Specifications and Standards for Facilities. Also included are any site improvements, connection to public utilities and any easements which may be required as a result of the new building. The estimated cost of the project is approximately \$2,500,000.

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## Clean Air Permit

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### (3) Kauai Veteran's Memorial Hospital Medical Waste Incinerator

Pursuant to the Hawaii Revised Statutes 342B, the Department of Health, State of Hawaii, is requesting public comments on the following DRAFT PERMIT presently under review and consideration:

Noncovered Source Permit (NSP) No. 0279-01-N  
Kauai Veterans' Memorial Hospital  
250 Lb/Hr. Medical Waste Incinerator  
Located at 4643 Waimea Canyon Road, Waimea, Kauai

All comments upon or objections to the draft permit must be mailed or delivered in writing by June 9, 1996 to the Environmental Management Division, Attn: Clean Air Branch, Department of Health, 919 Ala Moana Boulevard, Third Floor, Honolulu, Hawaii 96814.

Requests for information can also be mailed to the Environmental Management Division, Attn: Clean Air Branch at the above address. Telephone requests can be made by calling Mr. Carl Ibaan of the Clean Air Branch in Honolulu at (808) 586-4200.

# Shoreline Notices

MAY 23, 1996

## Shoreline Certification Applications

Department of Land and Natural Resources  
1151 Punchbowl Street, Room 220  
Honolulu, Hawaii 96813  
Telephone: 587-0414

Pursuant to Section 13-222-12, Hawaii Administrative Rules entitled "Shoreline Certification," the following shoreline certification applications are available for inspection.

Date: May 23, 1996 Number: 96-010

**NOTICE OF APPLICATION:** Application available for inspection at District Land Offices on the islands of Kauai, Hawaii and Maui and at Room 220, Kalanimoku Building, 1151 Punchbowl Street, Honolulu, Oahu.

All comments to the application for shoreline certification shall be submitted in writing to the State Land Surveyor, 1151 Punchbowl Street, Room 210, Honolulu, Oahu and postmarked no later than fourteen (14) calendar days from the date of the public notice of the application.

**Location:** Lot 1, Section "D", Kawailoa Beach Lots, Kawailoa, Waialua, Oahu (61-385 Kam Hwy)  
**Applicant:** Walter P. Thompson, Inc.  
for Rew Ikazaki  
**Tax Map Key:** 6-1-12:12  
**Date Received:** May 1, 1996

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**Location:** Lot 1-A, Ld Ct App 1837 (Map 2), Hanalei, Halelea, Kauai (Weke Road)  
**Applicant:** Wagner Engineering Services, Inc.  
for Lutz Franz  
**Tax Map Key:** 5-5-2:7  
**Date Received:** May 3, 1996

\*\*\*\*\*

**Location:** Lot 3 Section 2, Hamakuapoko Hui Lands, Paia, Hamakuapolo, Makawao, Maui (29 & 32 Homelani Place)  
**Applicant:** Land Surveyors, Inc.  
for Roy A. Barbara H. Huntley  
**Tax Map Key:** 2-6-4:10  
**Date Received:** 4/26/96

## Shoreline Certifications and Rejections

Pursuant to Section 13-222-26, Hawaii Administrative Rules entitled "Shoreline Certification," the following shorelines have been certified.

A person may appeal a shoreline certification or rejection thereof to the Board of Land and Natural Resources, 1151 Punchbowl Street, Room 220, Honolulu, Oahu, by requesting in writing a contested case hearing no later than twenty (20) calendar days from the date of public notice of shoreline certification or rejection.

**Location:** Lot 7 of the Mahinahina-Kai Subdiv. being a Por. of RP 1166 to D. Baldwin, J. F. Pogue and S. E. Bishop, Kaanapali, Lahaina, Maui (4039 Honoapiilani Road)  
**Applicant:** Newcomer-Lee Land Surveyors, Inc.  
For Mark and Brook McDonald  
**Tax Map Key:** 4-3-09:6  
**Date Certified:** 5/14/96

\*\*\*\*\*

**Location:** Lot 1147, Ld Ct App 677, Kailua, Koolaupoko, Oahu (792G N. Kalaheha Ave)  
**Applicant:** Towill, Shigeoka & Associates, Inc.  
For Justin A. O'Neil, Trust  
**Tax Map Key:** 4-3-20:13  
**Date Certified:** 5/14/96

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**Location:** Lot 1106 of Ld Ct App 677 as shown on Map 254, Kailua, Koolaupoko, Oahu (136 Kaapuni Drive)  
**Applicant:** Patrick M. Cummins  
For Lloyd Osborne, LIT & Lloyd Osborne, GRIT, First Hawaiian Trustee  
**Tax Map Key:** 4-3-13:43  
**Date Certified:** 5/14/96

\*\*\*\*\*

**Location:** Lot 173, Ld Ct App 323 (Map 84) Pueohala, Kailua, Koolaupoko, Oahu (350 Dune Circle)  
**Applicant:** Towill Shigeoka & Associates, Inc.  
For Harold G. Lawson  
**Tax Map Key:** 4-3-17:41  
**Date Certified:** 5/14/96

# Environmental Council Notices

MAY 23, 1996

## Public Notice: Environmental Council Mailing List

To further increase public involvement and to implement the provisions of Section 92-7(c), Hawaii Revised Statutes, the Environmental Council requests that persons interested in receiving notification of its meetings call 586-4185 to be placed on a meeting notification mailing list. Requests to be placed on the mailing list may be sent to Mr. Kenneth Fukunaga, Chairperson, Environmental Council, 220 South King Street, Suite 400, Honolulu, Hawaii 96813.

# Federal Notices

## Modifications to Monk Seal Permits

On April 29, 1996, Permit No. 778, issued to the National Marine Fisheries Service, Southwest Fisheries Science Center, La Jolla, CA 92038, was modified to authorize the permittee to increase the number of seals authorized to be retagged under the permit from 250 to 500. This modification involves no increase in the originally authorized take of 1200 monk seals.

On May 6, 1996, Permit No. 898, issued to the National Marine Fisheries Service, Southwest Fisheries Science Center, La Jolla, CA 92038, was modified to authorize the permittee to capture, restrain, sedate, and instrument up to 25 adult male Hawaiian monk seals. Nine of these animals may be instrumented with portable camcorders. The permit has been modified to authorize the instrumentation of up to three (adult males only) of these 12 seals with Global Positioning System units in lieu of camcorders. This modification involves no increase in the originally authorized take.

The above modifications and related documents are available for review by appointment at the following Hawaii address: Coordinator, Pacific Area Office, Southwest Region, National Marine Fisheries Service, 2570 Dole Street, Room 106, Honolulu, Hawaii 96822-2396, telephone 973-2987.

## Draft Recovery Plan for Maui Plant Cluster

The U.S. Fish and Wildlife Service (USFWS) announces the availability for public review of a draft Maui Plant Cluster Recovery Plan. This plan addresses 21 taxa of plants. Twelve of the taxa are or were endemic to the island of Maui. The plants that are not endemic to Maui are or were also found on the islands of Niihau, Kauai, Oahu, Molokai, Lanai and Hawaii.

The 21 taxa being considered in this recovery plan are: *Acaena exigua* (liliwai); *Alectryon macrococcus* (mahoe); *Argyroxiphium sandwicense ssp. macrocephalum* (Haleakala silversword, 'ahinahina); *Bidens micrantha ssp. kalealaha* (ko'oko'olau); *Clermontia oblongifolia ssp. mauiensis* ('oha wai); *Cyanea lobata* (haha); *Cyanea mceldowneyi* (haha); *Geranium arboreum* (nohoanu); *Geranium multiflorum* (nohoanu); *Hedyotis coriacea* (kio'ele); *Huperzia mannii* (wawae'iole); *Lipochaeta kamolensis* (nehe); *Lysimachia lydgatei* (no common name); *Melicope adscendens* (alani); *Melicope balloui* (alani); *Melicope mucronulata* (alani); *Melicope ovalis* (alani); *Remya mauiensis* (no common name); *Scaevola coriacea* (dwarf naupaka); *Schiedea haleakalensis* (no common name); and, *Tetramolopium capillare* (no common name).

Copies of the draft recovery plan are available for inspection, during normal business hours at the following locations: U.S. Fish and Wildlife Service, Room 6307, 300 Ala Moana Blvd., P.O. Box 50167, Honolulu, Hawaii 96850, (by appointment, please call 541-2749); the Wailuku Public Library, 251 High Street, Wailuku, Maui; the Kauai Public Library, 4344 Hardy Street, Lihue, Kauai; and, the Kailua-Kona Public Library, 75-138 Hualalai Road, Kailua-Kona, Hawaii. Requests for copies of the draft recovery plan and written comments and materials regarding this plan should be addressed to Brooks Harper, Field Supervisor, at the above Honolulu address. Comments on the draft recovery plan must be received on or before July 15, 1996 to receive consideration by the Service.

## Irradiation Policy - Phytosanitary Problems

This document sets forth a policy statement that shares positions and policies of the Animal and Plant Health Inspection Service (APHIS) concerning the use of irradiation as a treatment for plant pests of quarantine significance.

The first draft of these positions and policies was introduced in October 1994 during the annual meeting of the North American Plant Protection Organization (NAPPO). Subsequent review has included NAPPO participants and a broadening circle of individual experts, organizations, and agencies interested in, involved in, or impacted by irradiation as a phytosanitary treatment. Numerous modifications have been made as additional information has been collected and reviewed. This document is not final or authoritative, and does not establish any agency requirements. Any requirements concerning irradiation that APHIS develops will be promulgated through rulemaking published in the Federal Register.

Since 1989, the only formally adopted regulatory policy for irradiation as a phytosanitary treatment in the United

States has been based on Title 7 of the Code of Federal Regulations [7 CFR 318.13-4f, "Administrative instructions for approving an irradiation treatment as a condition for certification of papayas for movement from Hawaii"]. This authorization is specific for a commodity, place of origin, and program, but is designed for a complex of fruit flies rather than a single pest. While routine commercial shipments were never realized under this regulation due to the lack of a treatment facility in Hawaii, the authorization has proven useful from the standpoint of beginning to establish policies for irradiation as a phytosanitary treatment in the United States.

Six years later, PPQ remains dedicated to using the most up-to-date, appropriate and least intrusive technology to provide quarantine security, and the need for alternative treatments and pest mitigation systems is greater than ever. Global trade pressures and the possible loss of methyl bromide as a fumigant for regulatory pest treatments make it imperative that practical treatment options be explored.

At the same time, irradiation treatment has matured significantly. Technological advances, greater experience, and an increasingly larger body of research indicate that irradiation has important potential as a treatment for quarantine pest problems.

It is in this light that PPQ now seeks to expand the regulatory framework addressing irradiation treatment and develop comprehensive policy statements that will facilitate the development and formalization of new treatments for phytosanitary applications. This policy statement provides a sketch from which final policies can be codified after broad review and input.

For further information, please contact Mr. Robert Griffin, Senior Plant Pathologist, USDA, APHIS, PPD, 4700 River Road Unit 117, Riverdale, MD 20737-1228, telephone (301) 734-3576, e-mail [rgriffin@aphis.usda.gov](mailto:rgriffin@aphis.usda.gov).

# Letters of Notice

MAY 23, 1996

## Flynn Learner Warehouses

### Comments:

*The following are excerpts of a comment letter from the Office of Environmental Quality Control to the Flynn Learner Company regarding their proposal to construct four warehouses on Sand Island, Oahu.*

#### I. Page 16, section 5.1, *Existing Soil Contamination - Long Term Mitigation*

Three long term mitigation options are discussed. These include: on-site cap with modified RCRA specifications; integration of site buildings and modified cap without treatment of soils; and, *in-situ* treatment of soils.

The first two options appear to be mitigating the potential impact of vertical contaminant migration to human and other environmental receptors through such physical processes as run-off, erosion, and wind.

An extensive discussion of the potential impact of horizontal subsurface contaminant migration (via groundwater) to Keehi Lagoon is apparently dismissed in a statement on page 10 (section 2.4.1, paragraph 5) which reads in pertinent part as follows:

*"[The] [i]mpact of the contaminants to the closest surface water body, Keehi Lagoon, can be ruled out by calculating the residence time for each [contaminant of concern] to migrate the approximate 620 feet. The predicted times ranged from 460,000 years for [polychlorinated biphenyls] to 180,000,000 years for lead (CFC, October 1993). Further, contaminants would be reduced in concentration by bio-degradation [sic], and adsorption while migrating in the soil and ground water before reaching the lagoon. The ground water found under the property is classified by the State of Hawaii, Department of Health ... as being a non-drinking water source."*

A. Please indicate whether the calculations of times for 620 foot migration of lead and polychlorinated biphenyls to Keehi Lagoon are for migration through the saturated zone or the vadose (unsaturated) zone. If the calculations are based on the latter, please provide 620 foot migration times through the saturated zone (along with an estimate of propagated error in making the calculation). Please also discuss the effects of tidal flux and other gradients on contaminant migration.

B. Please briefly describe the lateral extent of contamination for free floating oils, lead and polychlorinated biphenyls in the subsurface vadose and saturated zones, and indicate what investigations were conducted to determine the likelihood of contamination beyond the property boundaries.

C. If contamination beyond the facility boundaries is likely as a result of any investigations in B above, please discuss any secondary and cumulative impacts which may arise from the proposed action, especially with respect to mangrove wetland areas in section 3.2.4 which provide protective habitat for fish and shoreline invertebrates.

D. In paragraph 4, *in situ* treatment of contaminated soils to mitigate lead exposure is proposed in the DEA. Please briefly describe what is meant by *in situ* treatment to mitigate lead exposure (i.e., does this mean leaving in place, or using technologies such as concentration dilution by adding soil, encapsulation, glassification, soil washing, extraction, or a combination of technologies, etc.).

II. On page 14, section 3.5, *Quality of Receiving Waters and Ground Water*, paragraph 3 states in part that "... there are no other apparent down gradient receptors which could lead to exposure by humans other than the surface water of Keehi Lagoon."

A. Please ascertain the water quality designation of Keehi Lagoon with the Department of Health and briefly discuss how the proposed action and any proposed mitigation measures will effect such a designation.

III. On page 14, section 3.3, *Historic, Cultural, and Archaeological Resources* correctly states that the site is not listed on the State or National Register of Historic Places. However, we believe that the site is situated proximal, if not on, historic sites documented by Elspeth Sterling and Catherine C. Summers in the *Sites of Oahu* (Bernice Pauahi Bishop Museum Press, 1978). Please find enclosed excerpts from the *Sites of Oahu* (at p. 322) dealing with the Apili, Pahounui, Pahouiki, Auiki and Ananoho fishponds in the former Kona (now Honolulu) district of Oahu. The enclosures contain historical allusions to the gardens of Captain Alexander Adams, harbormaster for Kamehameha I, salt pans for the harvesting of pa'akai and the historic Kalihi Leprosy Receiving station near Kaliawa Street (see, *Sites of Oahu*, p. 327). If during the course of any excavation during site preparation historical artifacts are encountered, please contact the State Historic Preservation Division of the Department of Land and Natural Resources.

# Letters of Notice

MAY 23, 1996

IV. Page 13, section 3.2.1, *Publicly Owned or Used Beaches, Parks and Recreation Areas.*

Please discuss any impacts of the proposed action and mitigation measures on the white sand beach at Keehi Lagoon Park, canoeing and recreational fishing in the Keehi Lagoon area.

## Responses:

*The following is the response to the above letter provided by the project's consultant Wil Chee - Planning, Inc.*

Ia. - Calculation time is for the saturated zone.

- Tidal fluctuation is minimal. A maximum of 0.35 foot change was observed during a two foot tide cycle.

- An assumed conservative gradient of 0.0002 to 0.001 ft/ft was used for the site based on on-site and regional hydrogeological data. These values were used with the solute transport model (saturated) ONE-D with other input values.

Ib. - PCB extent was verified by installation and sampling of four soil borings about the B-9 location, PCB contaminated soils were then removed and disposed of properly.

- Free floating oil extent has been fully defined by further on- and off-site sampling as shown by the attached map.

- Lead extent is shown by the attached map.

Ic. - As shown in the attached maps free product was found to be off site in a limited area. However, the majority of the free product and associated contaminated soils from this area have been removed and properly disposed. Any residual free product is assumed to be immobile, and is not expected to impact the lagoon, as stated in the risk assessment report.

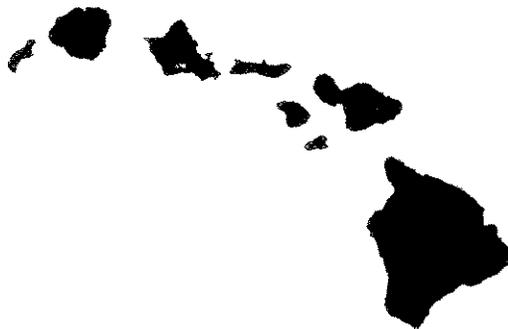
Id. - Soil flushing, solidification, electrokinetics, and vitrification were the insitu technologies examined and screened.

II. - The water quality designation of Keehi Lagoon is marine embayment class A.

- We are not proposing any short term potential migration, only long term migration potential, in thousands of years.

III. - Acknowledged. The information on historic references has been added to Section 3.3.

IV. - The issue of migration has already been addressed above, and in the risk assessment report.



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OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
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