

The Environmental Notice

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

NOVEMBER 23, 1998

Palmyra Atoll National Wildlife Refuge

The U.S. Fish and Wildlife Service proposes to acquire Palmyra Atoll and establish it as a national wildlife refuge. In addition to natural resources conservation and management, the Service hopes to conduct a low impact eco-tourism program through a partnership with The Nature Conservancy.

Palmyra Atoll, part of the Line Islands archipelago, is located approximately 1,056 miles south of Honolulu. The atoll is not part of the State of Hawaii, but is an incorporated Territory of the United States, administered by the Department of Interior.

Lands at Palmyra are densely vegetated and support native coastal strand plants as well as a unique *Pisonia grandis* rainforest.

NEW! Alien Species Notices

Beginning with this issue, we include announcements of permit applications for the import of alien species to the state. Under state law, most organisms are listed as **restricted** or **conditionally approved** for import to Hawaii. The Department of Agriculture administers this program through its Plant Quarantine Branch.

A diverse list of organisms ranging from microbes to bison require review and approval prior to their arrival in the state. Biocontrol agents such as wasps and moths or fungi are subject to this review process, as is the import of some animals in the pet trade and the relocation of Molokai's zebras.

The permit application is reviewed by experts in the related field of biology, discussed at a public meeting of the Advisory Committee on Plants and Animals and is then presented to the Board of Agriculture for approval. The public is invited to comment during meetings of the advisory committee. See page 16 for more.

The islands and surrounding waters of the atoll support endangered and threatened sea turtles, and a large and diverse seabird community. Large areas of tidal flats serve as important foraging grounds for migratory shorebirds. The lagoon, reef, and open waters of the atoll support a diversity of coral reef and other marine species. Monk seals have also been sighted on Palmyra Atoll.

Eco-tourism activities at Palmyra may include recreational catch-and-release fishing, snorkeling, SCUBA diving, wildlife observation, nature photography, environmental education, and nature interpretation. A draft environmental assessment and conceptual management plan is presently undergoing public review. See page 13.

Olaa Management Plan

A 5-year management plan to protect native forest and biological resources has been prepared by the Olaa-Kilauea Management Group. The Management Group includes the DLNR, the Department of Public Safety, the National Park Service, the US Fish & Wildlife Service, USGS and Kamehameha Schools/Bishop Estate. The 34,000 acres addressed in the plan include the Olaa Tract of Volcano National Park, Puu Makaala Natural Area Reserve, Kilauea Forest, Kulani Correctional Facility lands and the upper Waiakea area of Hilo.

An initial activity is fencing for feral pig control. This will be followed by monthly monitoring for pig population counts and assessment of new plants. Later activities include plant management, predator control, rare plant control and other research. An education outreach component is planned, and includes job training for Kulani prisoners. See page 10 for more information.



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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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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OEQC intends to make the information in this bulletin accessible to everyone. Individuals that require this material in a different format (such as large type or braille), should contact our office for assistance.

Oahu Notices

NOVEMBER 23, 1998

Draft Environmental Assessments



(1) Kailua Sewer Rehabilitation Project Along Kainehe Street, Hamakua Drive and Keolu Drive

District: Koolaupoko
TMK: 4-2-01, 03, 16, 82, 89, 90, 95; 4-3-57
Applicant: City and County of Honolulu
Department of Design and Construction
650 South King Street
Honolulu, Hawaii 96813
Contact: Sung Ho Lai (527-5398)

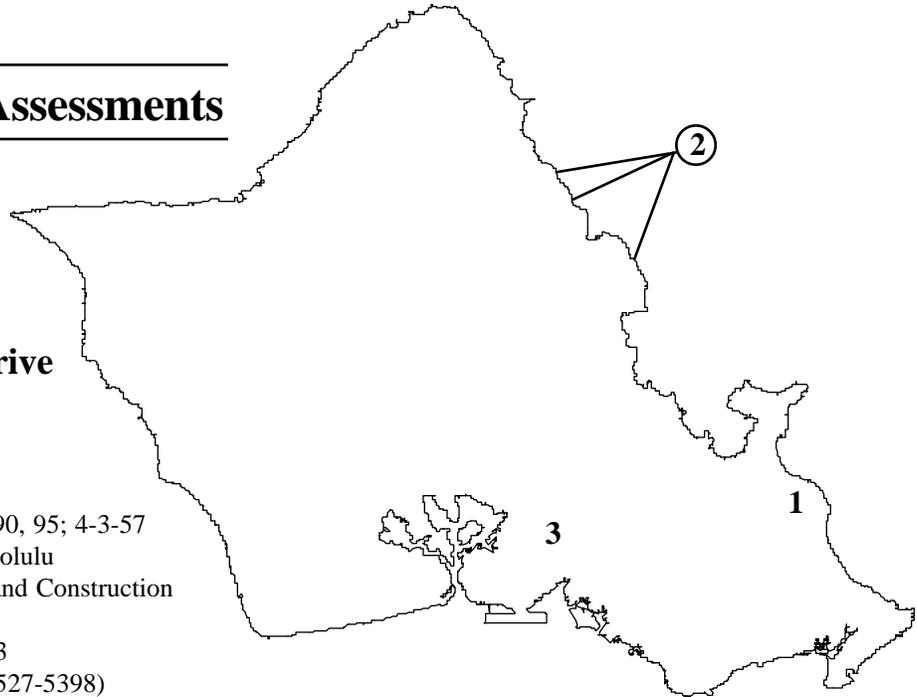
Approving Agency/Accepting

Authority: Same as above.
Consultant: Akinaka & Associates, Ltd.
250 North Beretania Street, Suite 300
Honolulu, Hawaii 96817-4716
Contact: Henry Morita (536-7721)

Public Comment

Deadline: December 23, 1998
Status: DEA First Notice pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.
Permits Required: NDPES, stream channel alteration, Army, CZM consistency determination, Sec. 401 water quality certification

The City and County of Honolulu, Department of Design and Construction proposes to replace approximately 8,000 lineal feet of 18-inch to 27-inch reinforced concrete pipe of the Kailua wastewater collection system. The proposed improvements are needed to replace existing pipe sections with structural deficiencies caused by corrosion, deterioration and soil settlement over the years. In addition, the proposed improvements will increase the capacity of the sewer system which is currently inadequate to accommodate design peak flows.



The proposed project is expected to generate short term impacts that are typical of construction activities including traffic congestion, construction noise, and dust emissions. These temporary impacts will be mitigated through compliance of applicable regulations and standards, and by the application of current techniques and methods. Trenchless technology methods are being promoted to reduce these temporary construction impacts.

Since the existing pipelines are deteriorated and structurally deficient, the proposed improvements would help to minimize the reoccurrence of wastewater pipe failures which can typically result in unpleasant wastewater back-ups, spills, roadway damages and traffic congestion. In the long term, the new pipe line section would be less prone to leaks, breaks or failures.

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



(2) Kamehameha Highway Shoreline Protection, Vicinity of Kaaawa, Punaluu and Hauula

District: Koolauloa
TMK: 5-1-01; 5-3-06; 5-3-14
Applicant: Department of Transportation, Highways Division
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Craig Watanabe (587-2124)

Approving Agency/Accepting

Authority: Same as above.
Consultant: Edward K. Noda and Associates, Inc.
615 Piikoi Street, Suite 300
Honolulu, Hawaii 96814
Contact: Elaine Tamaye (591-8553 x 204)

Public Challenge

Deadline: December 23, 1998
Status: FEA/FONSI issued, project may proceed.
Permits
Required: Shoreline setback variance, SMA, CDUP

The U.S. Army Corps of Engineers (USACE) intends to undertake shore protection improvements for three sections of Kamehameha Highway under the authority of Section 14 of the Flood Control Act of 1946, as amended. Under the local cooperation agreement with the USACE, the State Department of Transportation is responsible for obtaining all local permits and approvals necessary for the construction of the shore protection projects. The three sections of Kamehameha Highway requiring shore protection are in Kaaawa (880 linear feet), Punaluu (630 linear feet), and Hauula (1,150 linear feet).

Proposed shore protection consists of a rock revetment constructed on a 1V:2H slope to protect the highway from erosion damage. Backfill will be placed on the existing shoreline scarp to provide the required supporting slope for the rock revetment. The revetment toe will be excavated and placed below existing grade and extended to provide scour

protection. Because of the existing narrow shoulder adjacent the highway, the revetment will extend seaward of the shoreline. The revetment is designed to have a minimum footprint on the shoreline area due to its minimum thickness of rock layers (single layer of armor stones, underlayer, and filter fabric). The revetment crest elevation will match the existing grade of the highway.

The revetment will not alter the existing longshore or cross-shore sediment transport processes. The revetment will replace existing steep scarps where rock has been dumped in the past to provide emergency highway protection. Any sand excavated during construction of the revetments will be replaced over the seaward slope, resulting in no net loss of sand from the shoreline area. These sections of Kamehameha Highway have been subject to storm wave damage in the past, and are susceptible to continued erosion and wave damage unless properly designed and constructed shore protection measures are implemented. This highway is a major transportation link on this northeast side of the island, and closure of the highway due to major storm wave damage would result in severe social and economic impacts to the communities served by this major transportation link.



(3) Moanalua Nonpotable Well

District: Ewa
TMK: 1-1-012:013
Applicant: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Barry Usagawa (527-5235)

Approving Agency/Accepting

Authority: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Contact: Clifford Jamile (527-6180)

Consultant: R. M. Towill Corporation
420 Waiakamilo Road, Suite 411
Honolulu, Hawaii 96817-4941
Contact: Brian Takeda (842-1133)

Public Challenge

Deadline: December 23, 1998
Status: FEA/FONSI issued, project may proceed.
Permits
Required: Well construction, pump installation, water use, NPDES & noise permits; DP Public Facilities map

Oahu Notices

November 23, 1998

The Board of Water Supply (BWS), City and County of Honolulu, proposes to drill an exploratory well. The proposed site is located at Moanalua Golf Course at the entrance to Moanalua Valley. The project site is located at the northeast end of the golf course, adjacent to an existing residential neighborhood off of Ala Aolani Street, which is the primary access into and out of Moanalua Valley.

The exploratory well is intended for future use as a non-potable production well to irrigate the greens and landscaping of Moanalua Golf Course. Drinking water quality standards will not be required for development of the well, however, water quality must be suitable for irrigation purposes. Estimated yield of the exploratory well is 0.2 million gallons per day.

Previously Published Projects Pending Public Comments

Draft Environmental Assessments

🦋 Barbers Point Agriculture Park, Slaughterhouse & Meat Processing Plant

Applicant: Palama Meat Company, Inc.
2656 Waiwai Loop
Honolulu, Hawaii 96819
Contact: Joseph Azzaro (836-0172) and
Hawaii Livestock Cooperative
94-403 Ukee Street
Waipahu, Hawaii 96797
Contact: Leonard Oshiro (676-9100)

Approving Agency/Accepting

Authority: Department of Agriculture
1248 South King Street
Honolulu, Hawaii 96814
Contact: Lance Yamamoto (973-9609)

Public Comment

Deadline: December 8, 1998

🦋 Paukauila Stream Mouth Dredging

Applicant: Department of Land and Natural Resources
P.O. Box 621
Honolulu, Hawaii 96809
Contact: Hiram Young (587-0260)

Approving Agency/Accepting

Authority: Same as above.

Public Comment

Deadline: December 8, 1998

🦋 Kamehameha Highway Transmission Mains from Punaluu to Kualoa Park

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

Approving Agency/Accepting

Authority: City and County of Honolulu
Board of Water Supply
630 South Beretania Street
Contact: Cliff Jamile (527-6180)

Public Comment

Deadline: December 8, 1998

Draft Environmental Impact Statements

🦋 Pua'ena Campgrounds (Special Management Area)

Applicant: Campers Villages, LLC
c/o Maho Bay Camps, Inc.
17A East 73rd Street
New York, New York 10021
Contact: Stanley Selengut (212-472-9453)

Approving Agency/Accepting

Authority: City and County of Honolulu
Department of Planning and Permitting
650 South King Street, 7th Floor
Honolulu, Hawaii 96813
Contact: Sharon Nishiura (527-5028)

Public Comment

Deadline: December 7, 1998

Final Environmental Impact Statements

🗺️ Honolulu Block J Redevelopment Project

Applicant: City and County of Honolulu
Department of Community Services
715 South King Street, Suite 311
Honolulu, Hawaii 96813
Contact: Keith Ishida (527-5092)

Approving Agency/Accepting

Authority: City and County of Honolulu
Planning Department
650 South King Street
Honolulu, Hawaii 96813
Contact: Patrick Onishi (523-4713)

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

🗺️ Waipio Peninsula Soccer Park

Applicant: City and County of Honolulu
Department of Design and Construction
650 South King Street, 2nd Floor
Honolulu, Hawaii 96813
Contact: Randall Fujiki (523-4564)

Approving Agency/Accepting

Authority: Mayor, City and County of Honolulu
530 South King Street, Room 300
Honolulu, Hawaii 96813

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

Notice of Voluntary Response Program Project

The Hawaii Department of Health has received an application from A & B Properties, Inc. to participate in the Voluntary Response Program (VRP). The purpose of the program is to encourage developers and prospective purchasers to voluntarily clean up of contaminated properties and put them into productive use. The property to be cleaned up in this project is just mauka of the former Oahu Sugar Company, Limited sugar mill in Waipahu and is located at 94-833 Makaaloha St.; Waipahu, Hawaii 96797. The contamination is primarily due to petroleum related releases from an underground storage tank.

The Department is pleased to receive comments from interested parties related to this project. For more information or to review the application, please call Davis Bernstein at 808-586-4253.



Maui Notices

NOVEMBER 23, 1998

Draft Environmental Assessments



(1) Hana Waterline Replacement Project, Phase III

District: Hana
TMK: 1-4-005
Applicant: County of Maui
Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793
Contact: David Craddick (243-7816)

Approving Agency/Accepting

Authority: Same as above.
Consultant: Carl Takumi Engineering, Inc.
18 Central Avenue
Wailuku, Hawaii 96793
Contact: Carl Takumi (249-0411)

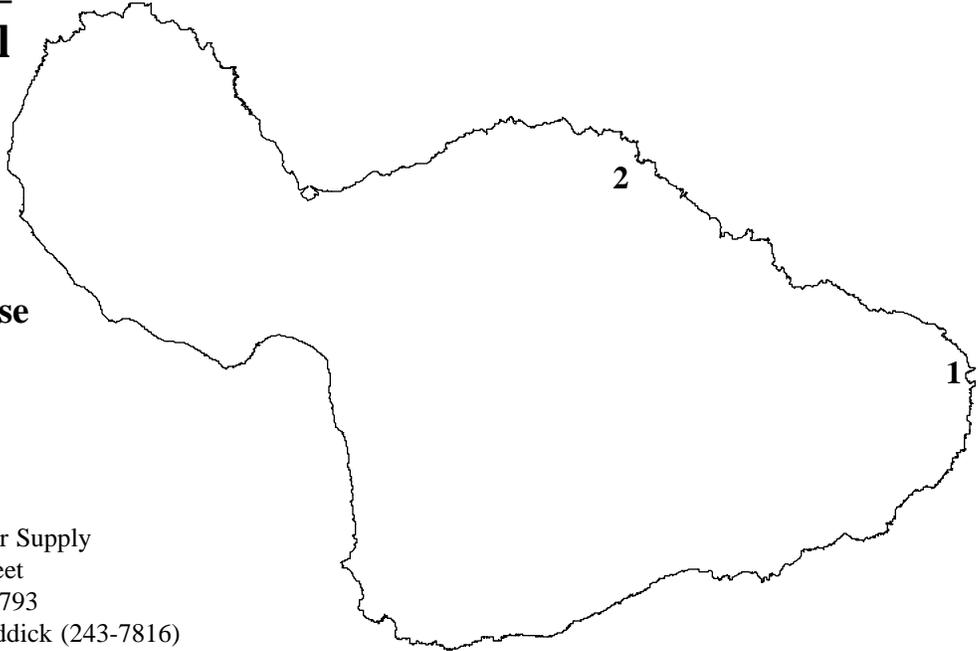
Public Comment

Deadline: December 23, 1998
Status: DEA First Notice pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

Permits Required: Possible NPDES, state & county highways work permit

The project site is located in Hana town within the existing road right-of-ways of Uakea Road, Keawa Place and Hana Highway and covers approximately 5,350 lineal feet. Located within Hana's Urban core, the site traverses through various use areas including hotel, single-family residential, commercial and agricultural. The site is located within the Special Management Area.

The objective of the project is to provide improved water transmission and distribution service for the people of Hana. The existing waterlines are aged and do not meet current fire flow protection standards. Implementation of the project will improve system reliability and provide urban level fire flow protection standards for the existing uses in the area. Provision of required infrastructure improvements will result in short-term construction-related impacts, which can be mitigated through standard protection measures. The proposed action is not expected to result in significant long-



term impacts to traffic, flood hazard potential, infrastructure, public services and historic or environmental resources.



(2) Uaoa Stream Bridge Replacement

District: Hana
TMK: 2-8-4:55, 56, 59, 60
Applicant: Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Emilio Barroga, Jr. (587-2123)

Approving Agency/Accepting

Authority: Same as above.
Consultant: Nishimura, Katayama, Oki & Santo, Inc.
826 Kaheka Street, Suite 302
Honolulu, Hawaii 96814
Contact: Paul Santo (947-2808)

Public Comment

Deadline: December 23, 1998
Status: DEA First Notice pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

Permits Required: Army (Sec. 404); DOH (Sec. 401); CZM; SCAP (maybe)

The State Department of Transportation in cooperation with the Federal Highway Administration proposes to replace the existing 250-foot multi-span wooden bridge over Uaoa Stream and gulch on Hana Highway in Makawao, Maui with a new three-span concrete bridge approximately 310 feet between abutments. The new bridge will replace an old deteriorating bridge that does not meet current design standards.

The proposed bridge will be wide enough to accommodate two 12-foot travel lanes and two 10-foot shoulders. The replacement bridge will be located on the South (upstream side) of the existing bridge. Approximately 600 feet of approach roadways on each side of the proposed bridge abutments will be affected by this project. Land for the additional right-of-way will need to be acquired. The existing bridge will be demolished after the replacement bridge and approach roadways are constructed.

While the replacement bridge and approach roadways are being constructed, the existing road and bridge will be used with some modifications until switch-over to the new roadway alignment. Construction of footings for the new concrete piers will require some work to be conducted within or adjacent to the present stream bed. Mitigation measures to maintain current drainage patterns and water quality will be provided in accordance with current regulations.

Previously Published Projects Pending Public Comments for Maui County

Draft Environmental Assessments

👉 Haleakala Broadcast Facility

Applicant: University of Hawaii
Institute for Astronomy
2680 Woodlawn Drive
Honolulu, Hawaii 96822
Contact: Mike Maberry (878-1215)

Approving Agency/Accepting

Authority: Same as above.

Comment Comment deadline extended until

Deadline: November 30, 1998.

👉 Waiko Baseyard Subdivision

Applicant: Wailuku Agribusiness Company, Inc.
255 East Waiko Road
Wailuku, Hawaii 96793
Contact: Avery Chumbley (244-9570)

Approving Agency/Accepting

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

Public Comment

Deadline: December 8, 1998

~ Molokai Airport Master Plan, Phase I Improvements

Applicant: Department of Transportation
Airports Division
400 Rodgers Boulevard, Suite 700
Honolulu, Hawaii 96819
Contact: Jerry Matsuda (838-8600)

Approving Agency/Accepting

Authority: Same as above.

Public Comment

Deadline: December 8, 1998



Hawaii Notices

NOVEMBER 23, 1998

Draft Environmental Assessments



(1) Olaa-Kilauea Management Area Plan

District: Puna, Kau, South Hilo
TMK: 9-9-01-7; 1-9-01-7; 2-4-08-25; 2-4-09-8
Applicant: Olaa-Kilauea Management Group
P.O. Box 52
Hawaii National Park, Hawaii 96718
Contact: Tanya Rubenstein (985-6086)

Approving Agency/Accepting

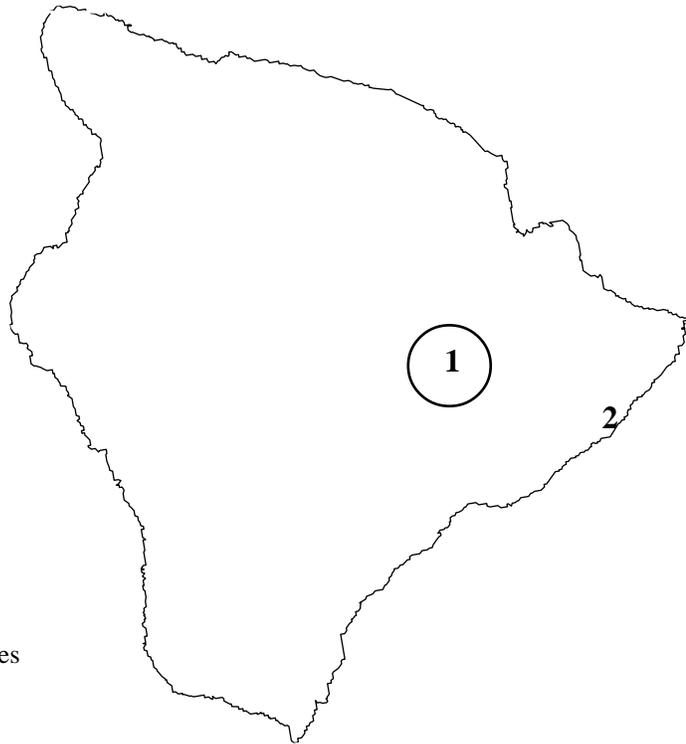
Authority: Department of Land and Natural Resources
Division of Forestry and Wildlife
P.O. Box 4849
Hilo, Hawaii 96720
Contact: Bill Stormont (974-4221)

Public Comment

Deadline: December 23, 1998
Status: DEA First Notice pending public comment. Address comments to the applicant with copies to the approving agency or accepting authority and OEQC.

In an effort to better protect native biological resources, landowners and other interested parties established a partnership to cooperatively manage the Olaa-Kilauea Management Area. The Olaa-Kilauea Management Area includes lands owned or controlled by the Hawaii Department of Public Safety's Kulani Correctional Facility, the Hawaii Department of Land and Natural Resources Puu Makaala Natural Area Reserve, the Olaa Tract of Hawaii Volcanoes National Park, and Kilauea Forest owned by Kamehameha Schools Bishop Estate.

The partnership cooperative agreement signed in 1994 includes the commitment to jointly develop a Natural Resources Management Plan to include, but not be limited to, feral animal and alien plant control measures, collaborative research projects, and habitat protection and restoration. A Management Group of landowners and managers of these project lands as well as representatives from U.S. Fish and Wildlife Service (USFWS), U.S. Geological Survey's Biological Resources Division (USGS-BRD) and U.S. Forest Service (USFS) developed a 5-year management plan.



The Natural Resources Management Plan presents background information on the project area's ecological setting, and provides both an overview of the management and research programs as well as more detailed project statements that identify current and proposed projects. The management and research programs outlined in the plan focus on the following areas:

- * Removing or reducing impacts from feral animals, alien plants and non-native predators.
- * Restoring native habitat and species to enhance diversity and stability of native ecosystems.
- * Monitoring the response of native and alien species to management and using the results of monitoring to further refine management and research strategies.
- * Providing information and education to the general public and work training and education to Kulani Correctional Facility inmates.

Final Environmental Assessments (FONSI)



(2) Hawaii's Volcano Circus Buildings

District: Puna
TMK: 1-2-09:15
Applicant: Hawaii's Volcano Circus
P.O. Box 4524
Pahoa, Hawaii 96778
Contact: Graham Ellis (965-8756)

Approving Agency/Accepting

Authority: Department of Land and Natural Resources,
Land Division
P.O. Box 936
Hilo, Hawaii 96721
Contact: Charlene Unoki (974-6203)

Public Challenge

Deadline: December 23, 1998
Status: FEA/FONSI issued, project may proceed.
Permits Required: LUC special permit

Hawaii's Volcano Circus is a non-profit organization applying for a long term lease for educational and recreational purposes at Puna, Hawaii. Through partnerships with other educational, civic and charitable organizations the mission is to promote the healthy development of children and the community using universal and time honored skills of the circus.

Of the 59.69 acres, roughly 4 acres will be for administrative facilities and roads. The remainder of the lands will be left untouched and protected to develop as a lowland ohia rain forest. This project is located at Kehena in Puna, adjacent to Kalapana Seaview Estates.

Previously Published Projects Pending Public Comments

Draft Environmental Assessments

► **Hilo Bayfront Park Restroom Facilities**

Applicant: County of Hawaii
Department of Parks and Recreation
25 Aupuni Street
Hilo, Hawaii 96720
Contact: Glen Miyao (961-8311)

Approving Agency/Accepting

Authority: Same as above.
Public Comment
Deadline: December 8, 1998

► **Hoolulu Park Complex Additional Parking and Acquisition of State Land**

Applicant: County of Hawaii, Office of the Mayor
25 Aupuni Street, Room 215
Hilo, Hawaii 96720
Contact: Glenn Taguchi (961-8211)

Approving Agency/Accepting

Authority: Department of Land and Natural Resources
1151 Punchbowl Street
Honolulu, Hawaii 96813
Contact: Charlene Unoki (974-6203)

Public Comment

Deadline: December 8, 1998

► **Huggo's Building Expansion and Off-site Improvements**

Applicant: Olu Kai Ltd.
75-5828 Kahakai Road
Kailua-Kona, Hawaii 96740
Contact: Eric Von Platen Luder

Approving Agency/Accepting

Authority: County of Hawaii, Planning Department
25 Aupuni Street, Room 109
Hilo, Hawaii 96720
Contact: Phyllis Fujimoto (961-8288)

Public Comment

Deadline: December 8, 1998

Environmental Impact Statement Preparation Notices

► **New Hawaii Island Correctional Facility**

Applicant: Dept. of Accounting and General Services
1151 Punchbowl Street, Room 427
Honolulu, Hawaii 96813
Contact: Eric Nishimoto (586-0468) and
Department of Public Safety
919 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96814
Contact: Ted Sakai (587-1288)

Approving Agency/Accepting

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

Public Comment

Deadline: December 8, 1998

Kauai Notices

NOVEMBER 23, 1998

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

(1) Hanalei River Streamgage Relocation

District: Hanalei
TMK: 5-4-02:16, 31; 5-3-01:3
Applicant: U.S. Geological Survey
677 Ala Moana Boulevard, #415
Honolulu, Hawaii 96813
Contact: Barry Hill (522-8290)

Approving Agency/Accepting

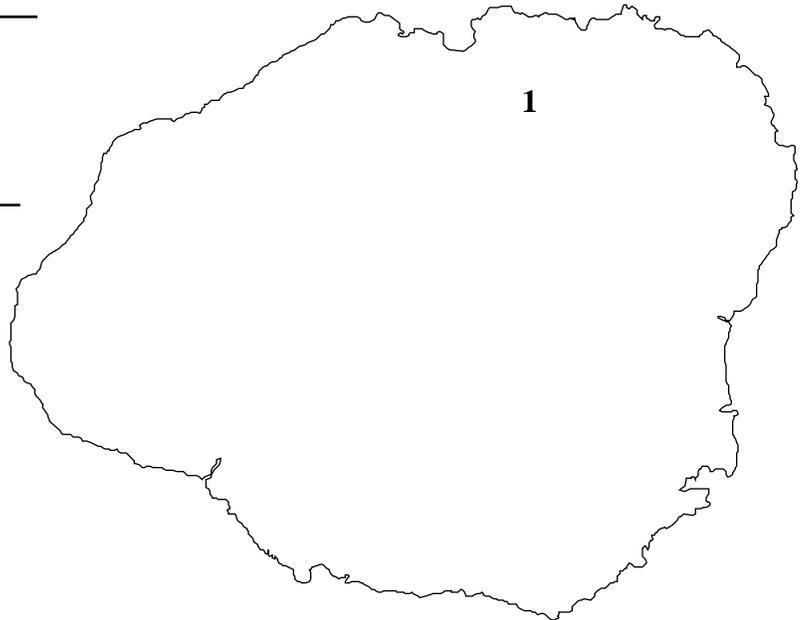
Authority: Department of Land and Natural Resources
Land Division
P.O. Box 621
Honolulu, Hawaii 96809
Contact: Tom Eisen (587-0386)

Public Challenge

Deadline: December 23, 1998
Status: FEA/FONSI issued, project may proceed.
Permits Required: Army permit; Sec. 401 water quality certification; stream channel alteration

The U.S. Geological Survey (USGS) has operated a streamgage on the Hanalei River continuously since 1962. During a flood in November, 1995, the river bypassed the streamgage and cut a new channel. Presently, about one-third of the river's flow is diverted into this new bypass channel. The existing gage is therefore of limited use in determining the total flow of the river. The USGS proposes to relocate the streamgage to a site approximately 3,000 feet upstream of the present location so that the entire flow of the river can be measured.

The proposed gage would be similar to the existing gage, which uses a gas-feed pressure transducer sensing system. Structures would include a fiberglass or aluminum gage house on the left bank of the river, a metal conduit for the gas (nitrogen) line leading from the gage house to the river, a concrete anchor for the gas orifice and outside staff plate at the streambank, a crest-stage gage consisting of a 2-inch metal pipe installed vertically along the streambank and set into concrete, and a cableway for high-flow measurements anchored on the right bank to a large mango tree and an-



chored on the left bank to an A-frame truss with a backstay set in concrete. A trail about 300 feet in length would be needed to connect the streamgage to the existing trail used by hikers and hunters.

Most of the work would be done by hand. Chain saws, gas generators, and power saws and drills would be needed for short periods during construction. Helicopter sling loads would be necessary to deliver concrete. Excavation within the channel would total approximately one cubic yard to allow pouring of concrete anchors for the gas orifice and crest-stage gage.

Construction would require roughly one month. The streamgage is intended to be operated for at least 10 years. The streamgage would be visited bimonthly for streamflow measurements and maintenance.

Previously Published Projects Pending Public Comments

Environmental Impact Statement Preparation Notices

● Lihue Airport Master Plan

Applicant: Department of Transportation
Airports Division
400 Rodgers Boulevard, Suite 700
Honolulu, Hawaii 96819
Contact: Steve Takashima (838-8810)

Approving Agency/Accepting

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

Public Comment

Deadline: December 8, 1998

Withdrawal

● Alanui O Kauai Nei Trails of Kauai

The Department of Land and Natural Resources, Division of Forestry and Wildlife has withdrawn the Alanui O Kauai Nei Trails of Kauai draft environmental assessment which was published in the 2/23/97 issue of the Environmental Notice.



National Environmental Policy Act

Proposed Palmyra Atoll National Wildlife Refuge (Draft Environmental Assessment)

District: Palmyra Atoll
Applicant: U.S. Department of the Interior
Fish and Wildlife Service
Pacific Islands Office
Box 50088
Honolulu, Hawaii 96850
Contact: Robert Smith (541-2749)

Approving Agency/Accepting

Authority: Same as above.

Public Comment

Deadline: December 10, 1998

The U.S. Fish and Wildlife Service (Service) has prepared a draft *Environmental Assessment for the Proposed Palmyra Atoll National Wildlife Refuge* to identify the environmental effects of a number of alternatives for a proposed National Wildlife Refuge (Refuge) at Palmyra Atoll. Palmyra Atoll is part of the Line Islands archipelago and is located approximately 1,056 miles south of Honolulu at 5 degrees north latitude. Terrestrial lands at Palmyra Atoll are densely vegetated and support native coastal strand plants as well as a unique *Pisonia grandis* rainforest. The islands and surrounding waters of the atoll support endangered and threatened sea turtles, and a large and diverse seabird community. Large areas of tidal flats serve as important foraging grounds for migratory shorebirds. The lagoon, reef, and open waters of the atoll support a diversity of coral reef and other marine species. Monk seals have also been reported from Palmyra Atoll.

Refuge management programs are described in the draft *Conceptual Management Plan for Palmyra Atoll National Wildlife Refuge* that is also available for review. In addition to natural resources conservation and management, the Service is proposing to conduct a low-impact compatible public use program at Palmyra Atoll through a partnership with The Nature Conservancy. Public use activities may include recreational catch-and-release fishing, snorkeling, SCUBA diving, wildlife observation, nature photography, environmental education, and nature interpretation. A public use plan would ensure compatibility with Refuge purposes.

The draft environmental assessment and draft conceptual management plan are available for a 30-day public review and comment period. Written comments may be addressed to Robert P. Smith, Pacific Islands Manager, U.S. Fish and Wildlife Service, Box 50088, Honolulu, Hawaii 96850. Comments are due by December 10, 1998.

Shoreline Notices

NOVEMBER 23, 1998

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-697	10/22/98	Lots 16 & 17, Ld Ct App 1827 (Map 3), Lualualei, Waianae, Oahu (87-579 Farrington Highway)	Towill Shigeoka & Associates, Inc. for Mr. & Mrs. Yasokichi Shioda	8-7-25:15 & 16
OA-698	10/28/98	Lot 20 & Lot 20-A, "Kahala Subdiv", as shown on Bishop Estate Map No. 4530, Kahala, Honolulu, Oahu (4461 Kahala Avenue)	ParEn, Inc. dba Park Engineering for Walter Jamitkowski	3-5-03:4
OA-699	11/04/98	Por of Lot 53, File Plan 279, Niu, Waikiki, Oahu (5517 Kalaniana'ole Highway)	Hawaii Land Consultants for Thomas Henderson	3-7-01:10
OA-700	11/05/98	Lot 99, Ld Ct App 776, Laie, Koolauloa, Oahu (55-076 Naupaka Street)	H. Au & Associates, Inc. for Kenneth Orton	5-5-10:8
KA-135	10/28/98	Lot 7-C, Kaonohi Point Subdiv., Wainiha Hui Land, Wainiha, Hanalei, Kauai (7366 Alealea Road)	Wagner Engineering Services, Inc. for Krabacher Family Trust	5-8-09:25
HA-201	10/27/98	Lot 18 of Puako Beach Lots (HTS Plat 414-A) being the Whole of Grant S-13,797 to Vera Wolf Spencer, at Lalamilo, Waimea, S. Kohala, Hawaii (69-1910 Puako Beach Drive)	Wes Thomas Associates for Jana Hynes Trust)	6-9-06:18



Shoreline Notices

NOVEMBER 23, 1998

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, M 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-690	Certified 11/10/98	Lot 941, Ld Ct App 941 (Map 120), Ewa, Oahu (91-749 Oneula Place)	Towill Shigeoka & Associates, Inc. for Seichi & Takako Endo	9-1-25:7
OA-691	Certified 11/10/98	Por. of Pupukea Beach Park, Pupukea, Koolauloa, Oahu (671 Kamehameha Highway)	R.M. Towill Corporation for City and County of Honolulu/Dept of Parks & Recreation	5-9-04:Por. 19
OA-692	Certified 11/10/98	Lot V, Por Pahonu Lots, Pahonu, Waimanalo, Koolaupoko, Oahu (41-497 Kalaniana'ole Highway)	Walter P. Thompson, Inc. for Poomaikelani Kawanakoa	4-1-02:9
OA-694	Certified 11/10/98	Lot 4-A of Subdiv. of Lot 4 & 5, Portlock Road Subdiv. No. 2, File Plan 2193, Lot 4-A of Subdiv. Lot 4, Portlock Road Subdiv., File Plan 1361, Maunaloa, Honolulu, Oahu (505, 525, & 535 Portlock Road)	Sam O. Hirota, Inc. for Kamehameha Schools/Bishop Estate	3-9-26:5, 47 & 48
MO-053	Certified 11/10/98	Grant 3096 to Mahoe, Pukoo, Molokai (Kaunakakai, Molokai)	Charles Busby for Christi Feeter	5-7-07:11

Land Use Commission Notices

LUC Decisions



Kapapala Overnight Camping

Docket No.: SP98-392
 Petitioner: Kapapala Ranch
 Location: Kapapala, Kau, Hawaii
 Acreage: 23,941.902 acres
 TMK: 9-8-01:9 and portion of 10
 Request: Special permit to allow overnight camping
 Decision Date: October 22, 1998



Haliimaile Boundary Amendment

Docket No.: A98-723
 Petitioner: A&B Properties, Inc.
 Location: Haliimaile, Makawao, Maui
 Acreage: 62.994 acres
 TMK: 2-5-03:portion of 10
 Request: Agricultural to Urban
 Decision Date: October 22, 1998

If you would like further information, please contact: State Land Use Commission, Leio Papa A Kamehameha Building (State Office Tower), 235 S. Beretania Street, Room 406, Honolulu, Hawaii 96813. Phone: 587-3822. Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804-2359.

Environmental Council Notices

NOVEMBER 23, 1998

Environmental Council Meeting

The Environmental Council is scheduled to meet on **Wednesday, December 9, 1998** at 3:30 p.m. on the 4th floor of the Leiopapa A Kamehameha Building, 235 South Beretania Street, Room 405, Honolulu.

The Council's Annual Report and Exemption List Committees are tentatively scheduled to meet the same day

prior to the full Council meeting at 2:00 p.m. Please call on or after December 3, 1998 for the final agenda.

Any person desiring to attend the meetings and requiring an accommodation (taped materials or sign language interpreter) may request assistance provided such a request is made five (5) working days prior to the scheduled meetings. This request may be made by writing to Ms. Barbara Robeson, Chair, Environmental Council c/o OEQC, 235 S. Beretania Street, Suite 702, Honolulu, Hawaii 96813 or by fax at (808) 586-4186.

Alien Species Permits

Before most alien organisms can be brought into Hawaii they must receive a permit from the Board of Agriculture. The application is first reviewed by experts in biology and heard in a public meeting of the Advisory Committee on Plants and Animals. The following import applications are now being reviewed by the Hawaii Department of Agriculture (DOA):

Interested parties are encouraged to contact the Plant Quarantine Branch of the DOA to learn more about these permit applications. *Plant Quarantine Branch, Hawaii Department of Agriculture 701 Ilalo St. Honolulu, HI 96813 Ph. 586-0844*

1. Cyanobacteria, *Apanizomenon flos-aquae*

Request: 1) Preliminary review of cyanobacteria, *Apanizomenon flos-aquae*, for future placement on the list of restricted microorganisms (Part B) for import; and
2) Establish permit condition for the importation of cyanobacteria, *Apanizomenon flos-aquae*, for cultivation.

Purpose: Cultivate *Apanizomenon flos-aquae* for commercial sale as a health food supplement.

2. Marine Alga, *Caulerpa*

Request: 1) Preliminary review of various species of marine alga, *Caulerpa*, for future placement on the list of restricted microorganisms (Part B) for import;
2) Preliminary review of marine alga, *Caulerpa lentillifera*, for future placement on the list of conditionally-approved microorganisms for import; and
3) Establish permit conditions for the importation of various species of marine alga, *Caulerpa*, for cultivation.

Purpose: 1) Place specific *Caulerpa* species on the restricted list to allow for cultivation and export sales; and
2) Place *C. lentillifera* on the conditionally-approved list to allow for cultivation and local sales.

Pollution Control Permits

NOVEMBER 23, 1998

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, Temporary Covered Source Permit	Goodfellow Brothers, Inc. dba Rimrock Paving Company, #0380-01-CT	Various locations, State of Hawaii. Initial location: Puunene Quarry, Mokulele Highway, Puunene, Maui	Issued: 11/12/98	174 TPH Portable Drum Mix HMA Plant
CAB, Covered Source Permit	Hawaii Electric Light Company, Inc., # 0070-01-C	Keahole Generating Station, Keahole, Hawaii	Comments Due: 12/18/98	One 18 MW Combustion Turbine Generator, Unit CT-2
CAB, Noncovered Source Permit	Puna Geothermal Venture, # 0008-02-N	14-3860 Kapoho-Pahoa, Hawaii	Comments Due: 12/21/98	35 MW (Nominal) Geothermal Power Plant, Wellfield, and Geothermal Exploratory/Developmental Wells
Safe Drinking Water Branch, 586-4258, UIC	AOAO Kona by the Sea, # UH-1246	75-6106 Alii Drive, Kailua-Kona, Hawaii	NA	Abandonment of two sewage disposal wells
SDWB, UIC	AOAO Casa De Emdeko, # UH-1284	75-6082 Alii Drive, Kailua-Kona, Hawaii	NA	Abandonment of one sewage disposal well
SDWB, UIC	General Growth Properties, Inc., # UH-1313	Prince Kuhio Plaza Shopping Center, 111 East Puainako St., Hilo, Hawaii	NA	Permit renewal of two sewage disposal wells
SDWB, UIC	Hawaii Health Systems Corporation, # UH-1419	Ka`u Hospital, 1 Kamani St., Pahala, Ka`u, Hawaii	NA	Permit renewal of four sewage disposal wells
SDWB, UIC	AOAO Mokuleia Beach Colony, # UO-1799	68-615 Farrington Hwy., Waialua, Oahu	NA	Permit renewal of 14 sewage disposal wells
SDWB, UIC	Kauai Electric, Citizens Utilities Co., # UK-1204	Port Allen Power Station, 4392 Waialo Rd., Port Allen, Kauai	NA	Permit renewal of one industrial disposal well
Clean Water Branch, 586-4309, NPDES	County of Hawaii, Department of Public Works, # 98-CW-08	Papaikou-Paukaa Wastewater Treatment Plant, Papaikou, Hawaii	Comments Due: 12/09/98	Discharge secondary treated wastewater to the Pacific Ocean at Waipahi Point.
CWB, NPDES	C & C Honolulu, Board of Water Supply, # 98-CW-07	Kailua 272 Reservoir Project, Kailua, Oahu	Comments Due: 12/09/98	Discharge hydrotesting water to Kawainui Marsh

Federal Notices

NOVEMBER 23, 1998

Availability of Federally Enforceable State Implementation Plans under Clean Air Act

Effective **NOVEMBER 18, 1998**, the Environmental Protection Agency (EPA) is making available State Implementation Plans (SIP) prepared under the Clean Air Act to control emissions from pollution sources. For requirements of applicable implementation plans for Hawai'i, call Julie Rose at (415) 744-1184, or Cynthia Allen at (415) 744-1189. SIP compilations are available for public inspection during normal business hours at EPA Region IX's Air Division, AIR-4, 75 Hawthorne Street, San Francisco, California 94105 (see, 63 F.R. 63987, November 18, 1998).

Scientific Research Permit No. 003483-6

The U. S. Fish and Wildlife Service announced that the Biological Resources Division, Pacific Island Ecosystems Research Center of Hawai'i National Park is requesting a permit to capture, band, mark, radiotag, collect blood/fecal samples/feathers, hold, transport, release, and recapture the following endangered species:

- (1) palila (*Loxioides baiflegui*);
- (2) Hawai'i 'akepa (*Loxops coccineus coccineus*);
- (3) akiapola'au (*Hemignathus munroi*);
- (4) Hawai'i creeper (*Oreomystis mana*);
- (5) kama'ou, large Kaua'i solitaire (*Myadestes myadestinus*);
- (6) puaiohi, small Kaua'i solitaire (*Myadestes palmeri*);
- (7) 'o'o'a'a, Kaua'i 'o'o (*Moho braccatus*);
- (8) Kaua'i 'akialoa, (*Hemignathus procerus*);
- (9) Kaua'i nukupu'u (*Hemignathus lucidus hanapepe*);
- (10) kakawahie, Moloka'i creeper (*Paroreomyza flammea*);
- (11) alauwahio, O'ahu creeper (*Paroreomyza maculata*);
- (12) oloma'ou, Moloka'i thrush (*Myadestes lanaiensis rutha*);
- (13) 'o'u (*Psittirostra psittacea*);
- (14) 'akohekohe, crested honeycreeper (*Palmeria dolei*);
- (15) Maui'akepa (*Loxops coccineus ochraceus*);
- (16) Maui parrotbill (*Pseudonestor xanthophrys*);
- (17) po'ouli (*Melamprosops phaeosoma*);
- (18) Maui nukupu'u (*Hemignathus lucidus affinis*);
- (19) 'ua'u, Hawaiian dark-rumped petrel (*Pterodroma phaeopygia sandwichensis*);
- (20) 'io, Hawaiian hawk (*Buteo solitarius*);
- (21) Nightingale reedwarbler (*Acrocephalus luscini*);
- (22) Laysan duck (*Anas laysanensis*, except holding and transporting.)

The work product of this research will be ecological and demographic studies on the Islands of Hawaii, Kaua'i, O'ahu, Maui, Moloka'i, Lana'i, Saipan, Commonwealth of the Northern Mariana Islands, and Laysan for the purpose of enhancing their survival. Send written comments citing Scientific Research Permit No. 003483-6 **ON OR BEFORE DECEMBER 17, 1998**, to: Chief, Division of Recovery, Planning and Permits, Ecological Services, Fish and Wildlife Service, 911 NE 11th Avenue, Portland, Oregon 97232-4181 (see, 63 F.R. 63940, November 17, 1998).

Final Rule - Municipal Waste Combustors

The EPA has issued a final rule, effective **DECEMBER 14, 1998**, to implement emission guidelines for Municipal Waste Combustor units located in areas not covered by an approved and currently effective State plan. State plans were due on December 19, 1996. EPA notes that it has not received from Hawai'i a State plan or negative declaration submittal. If a State with existing MWC units subject to emission guidelines did not submit an approvable plan by December 19, 1997, the law requires EPA to develop, implement and enforce a plan for the State (see 63 F.R. 63191, November 12, 1998).

Radioactive/Haz Waste Policy Extension

The EPA has extended its policy effective **OCTOBER 31, 1998** concerning civil enforcement of prohibitions (section 3004(j), Resource Conservation and Recovery Act) on storage of mixed radioactive/hazardous waste prohibited from land disposal (see, 63 F.R. 59989, November 6, 1998).

Fisheries

The National Marine Fisheries Service (NMFS) has submitted for review by the Secretary of the Commerce the following documents: (1) Amendment 8 to the Pelagic Fisheries Management Plan (FMP); (2) Amendment 10 to the Crustacean FMP; (3) Amendment 4 to the Precious Corals Fisheries FMP; and (4) Amendment 6 to the Bottomfish and Seamount Groundfish Fisheries FMP. The amendments were prepared to comply with provisions of the Sustainable Fisheries Act regarding bycatch, fishing sectors, essential habitat fishing, fishing communities, and overfishing. Copies are available from Kitty Simonds, Executive Director, Western Pacific Fishery Management Council, 1164 Bishop Street, Suite 1400, Honolulu, Hawai'i 96813. NMFS seeks public comment on these FMP's **ON OR BEFORE JANUARY 4, 1999**. Address comments to Charles Karnella, Administrator, Pacific Islands Area Office, National Marine Fisheries Service, 2570 Dole Street, Room 106, Honolulu, Hawai'i 96822-2396 (see 63 F.R. 59758, November 5, 1998).

Letters of Notice

NOVEMBER 23, 1998

OEQC prints "Letters of Notice" to encourage public participation in our EIS system. Your views are welcome. We may edit letters due to limited space. The opinions presented do not necessarily reflect those of OEQC.

Antenna Farm on Haleakala

Radio signal interference atop Haleakala prompted UH Institute of Astronomy to submit an EA proposing relocation of radio and TV broadcast facilities further downslope to Kalepeamo, initially with up to 4 towers. A fuller description can be found in the October 8th, 1998 *Environmental Notice*. Comment deadline has been extended to November 30th, 1998.

The Sierra Club expressed a need for an EIS. On cultural impacts it writes

... No analysis was done of the cultural impact of siting the towers in this area. If the state has learned anything from the controversies over the Institute's ... facilities on Mauna Kea, the new radio tower on Haupū Ridge, and the Supreme Court's PASH/Kohanaiki decision, it should know that the impacts of development on cultural resources must be addressed.

On the area's natural resources, it continues

... [This] sensitive area ... includes scenic vistas, pristine volcanic landscapes and wildlife habitat.... A number of groups have petitioned the state to designate this region as a Natural Area Reserve.... The level of construction access needed for the proposed antenna farm will irrevocably degrade the area's natural wild character... [and the] support buildings are inappropriate in such an unspoiled landscape. The constant hum from the facilities will disrupt the area's natural silence.

... This development opens up the 1.3 mile stretch between the existing Science City ... and the proposed antenna farm for further commercial expansion. It is well known that in remote areas, commercial development follows the path of established infrastructure.... The unspoiled beauty of public land should not be sacrificed to piecemeal commercial construction.

On degradation of the area Mary Evanson of Makawao notes

... [that the claim in the DEA] that the cinder/dirt Skyline Drive will remain unimproved... is unrealistic if not deceitful.... I have walked and driven this loose cinder road and know first hand its conditions.... [C]onstruction equipment ... would include derrick cranes, concrete mixers, bulldozers, backhoes, graders, flatbed trucks and the like, [with] routine maintenance 5-10 [times] a week, ... [and] the diesel fuel tank ... to be topped off 3 to 4 times per year. This ... important component ... has not been addressed properly or honestly in this document.

An unusual aspect of, and recommendation for selecting, the Keonehunehune candidate site was brought forth by Dr. David Henderson Brown of Wailuku:

... Keonehunehune has "a majority of the infrastructure (electrical power, housing, transmitter tower) in place." Keonehunehune also has SECURITY FROM TERRORIST ATTACK. Remember than an anti-war activist drove his car through the doors of one of your observatories during the Star Wars years. International and national terrorism are the most serious security situations in the coming years.

