

# The Environmental Notice

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

JANUARY 23, 2004



**LINDA LINGLE**  
GOVERNOR

**OFFICE OF  
ENVIRONMENTAL  
QUALITY CONTROL**  
GENEVIEVE SALMONSON  
DIRECTOR

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

Other Resources  
available at OEQC . . .

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

## **OEQC**

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## *Kaka'ako District Cooling Facility*

After consultations with the State Commission on Water Resource Management, the Health Department, and the Hawai'i Community Development Authority, the City's Board of Water Supply plans to develop a centralization district cooling facility on State land that would serve the John A. Burns School of Medicine (under construction) and other potential developments in the vicinity. Centralized district cooling systems are an energy efficient alternative to conventional air conditioning systems within

each building. The system proposed will tap a renewable source of cold seawater with mechanical chilling to provide cooling water for chilled water air conditioning systems. A centralized plant with an underground piping network delivers chilled water to buildings for air conditioning. This system enables connected buildings to focus on human, financial and real estate resources on core business. Public comments are due on February 23, 2003. See page 4 for details.

## *Matson Proposes Mooring Dolphin and Catwalk for Pier 1C at Kahului Harbor*

The proposed Pier 1C mooring dolphin, and catwalk leading from the pier to the dolphin, will provide sufficient mooring capability for container ships and other large vessels at Kahului Commercial Harbor, Maui.

Currently mooring of large ships at Pier 1C must be supplemented by use of tug boats to maintain safe working conditions during loading and unloading procedures.

The project involves the installation of precast, prestressed concrete piles in the harbor. Approximately 16 piles will be needed to support the mooring 400-square foot mooring dolphin, and catwalk leading to the mooring dolphin. Eight piles will be used to support the 9-foot wide catwalk. Impacts include noise and minor traffic impacts during construction. There will be temporary limitations on fishing within the commercial harbor during certain phases of work. See page 7.

## *DLNR Publishes Wao Akua*



*Wao Akua: Sacred Source of Life: A Tribute to the Hawaiian Forest* was just published by DOFAW in honor of the Year of the Hawaiian Forest. Above is the beautiful cover, showing the inflorescence of the 'ahinahina (Haleakala silversword).

A treasured keepsake, the book is replete with exquisite imagery of native flora and fauna as well as thought-provoking native and non-native reflections on the Hawaiian forest. The writers and photographers who have contributed to this book include Hawaiian cultural practitioners, farmers, scientists, poets, playwrights, artists, historians, students, educators, and kupuna.

For more information on purchasing a copy, please see page 21.

# 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 periodic bulletin (see, section 343-3, HRS) known as the *Environmental Notice*. 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) under Chapter 205A, HRS and county ordinance. The Counties regulate development of this area. 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.*

# O'ahu Notices

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## Draft Environmental Assessments



### (1) Honolulu Central District Cooling Facility at Kaka'ako

**District:** Honolulu  
**TMK:** 2-1-060: por. 9  
**Applicant:** City and County of Honolulu  
Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawai'i 96843  
Contact: Lorna Heller (748-5944)

#### Approving Agency/Accepting

**Authority:** City and County of Honolulu  
Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawai'i 96843  
Contact: Barry Usagawa (748-5000)

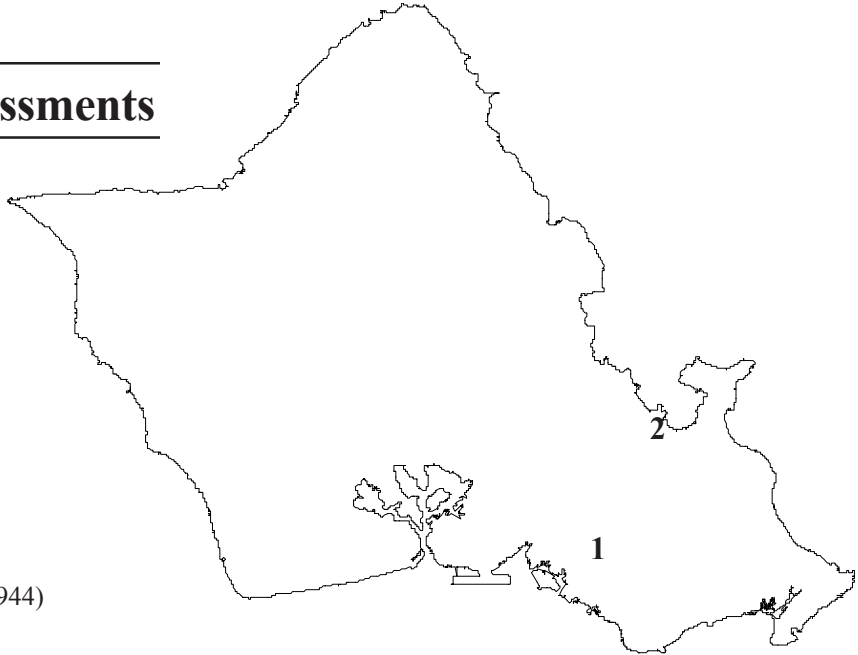
**Consultant:** Wilson Okamoto Corporation  
1907 South Beretania Street, Suite 400  
Honolulu, Hawai'i 96826  
Contact: Rodney Funakoshi (946-2277)

#### Public Comment

**Deadline:** February 23, 2004  
**Status:** DEA First Notice pending public comment.  
Address comments to the applicant with copies to the approving agency or accepting authority, the consultant and OEQC.

**Permits Required:** SMA, HCDA Development, Noise Variance, NPDES, Zone of Mixing, UIC, Well Construction, Pump Installation, Water Use

The Honolulu Board of Water Supply proposes to design and construct a central district cooling system utilizing a deep seawater source well to serve the John A. Burns School of Medicine (JABSOM) facilities in Kaka'ako. Centralized district cooling systems have gained popularity in recent years as an energy efficient alternative to conventional air conditioning systems within each building. With a central district cooling system, a centralized plant with an underground piping network delivers chilled water to buildings for air conditioning. This eliminates the need for air conditioning chillers and cooling towers within buildings and substantially reduces electricity and potable water use.



The proposed central district cooling system will be developed on the grounds of the JABSOM facilities and will consist of a well pump and piping to the JABSOM Central Cooling Plant, where heat exchangers will transfer the cold temperatures from the seawater to cool the water for the JABSOM's chilled water air conditioning system. The chilled water air conditioning system within the JABSOM site may also be extended in the future to serve adjacent developments. Water extracted from the deep seawater well will be adjusted to ambient ocean temperature and discharged into the concrete drainage canal west of the project site.

No significant impacts are anticipated during construction or operation of the facility. Short-term impacts to air quality, water quality, and ambient noise levels may occur during the construction phase of the project. Impacts will be mitigated by applying appropriate Best Management Practices and by complying with required permit conditions.

In the long-term, the project is anticipated to have a beneficial impact by reducing energy consumption, potable water use, and operating costs. The project is also anticipated to have beneficial long-term air quality and noise effects.



## (2) Tanaka Seawall

**District:** Ko'olaupoko  
**TMK:** 4-5-001: 039  
**Applicant:** Dr. Sevath Tanaka (927-3429)  
1207 Mapuna Street  
Kailua, Hawai'i 96734

**Approving Agency/Accepting Authority:** City and County of Honolulu  
Department of Planning and Permitting  
650 South King Street  
Honolulu, Hawai'i 96813  
Contact: Jeff Lee (527-6274)

**Consultant:** Analytical Planning Consultants, Inc.  
928 Nu'uuanu Avenue, Suite 502  
Honolulu, Hawai'i 96813  
Contact: Donald Clegg (536-5695; fax: 599-1553)

### Public Comment

**Deadline:** February 23, 2004  
**Status:** DEA First Notice pending public comment.  
Address comments to the applicant with copies to the approving agency or accepting authority, the consultant and OEQC.

### Permits

**Required:** SSV, Building

The project site at 45-002 Lilipuna Road, Kane'ohe, Hawai'i is located in a residential neighborhood along the south lagoon of Kane'ohe Bay. The 12,795 square foot rectangular-shaped project lot is located on a small peninsula, Pu'u Pohakea. The property is relatively steeply sloped from Lilipuna Road where the elevation is +78 MSL down to the property's shoreline along Kane'ohe Bay at +6 MSL.

The applicant proposes to construct an owner-occupancy residence on the property and wants to construct a protective seawall landward of the certified shoreline, within the 40-foot shoreline setback zone. The seawall will be of concrete rubble masonry (CRM) construction that will use large rocks grouted in place. The seaward face of the wall be constructed landward of the certified shoreline at approximately +6 MSL, following along the 80 foot long shoreline, except where the wall will remain more landward of a large rock outcrop. At the north property boundary, the seawall would continue landward for approximately 30 feet and then at +22 MSL rounds back towards the middle of the property for a distance of approximately 54 feet.

The wall, built on a 2-inch grout bed, will be approximately 5-feet 6-inches wide at the base tapering to 1-foot 4-inches wide at the top. The base of the wall will be buried 1-foot 8-inches below grade. The seaward face of the wall will be a maximum of 8-feet high. Earth fill will be placed behind (landward of) the wall with pea gravel at the two 4-inch drain pipes built into the wall. The area behind the seawall will be landscaped with yard grass and plant materials. The seawall will protect the property and stop further erosion, as well as allow for the placement of earth fill behind the seawall so that the area can be landscaped and stabilized.

The proposed seawall is within the 40-foot shoreline setback are and will require a Shoreline Setback Variance and building permit. A Certified Shoreline Survey was approved by the Board of Land and Natural Resources on August 11, 2003.

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## National Environmental Policy Act (NEPA)

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### Earhart and Capehart Villages Military Family Housing Renovation Project, Hickam AFB, Oahu (Draft FONSI)

**District:** Honolulu  
**TMK:** 9-9-1:13, 1-1-1:1  
**Applicant:** U.S. Air Force  
15th Airlift Wing  
Hickam AFB, Hawai'i

### Public Comment

**Deadline:** February 12, 2004

The Air Force has prepared a Draft Finding of No Significant Impact (FONSI) based on the Supplemental Environmental Assessment (SEA) that was developed evaluating potential impacts on the environment associated with the proposed project to renovate and/or replace military family housing (MFH) units at Hickam AFB that will be managed and maintained under a lease agreement with the government by a civilian enterprise. Renovations will be accomplished in four phases starting April 2004 through September 2008. No additional housing will be built as part of this action.

# O'ahu Notices

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Based on the findings of the SEA, implementation of the proposed action or alternatives would pose no significant impact on human health or the natural environment. A Finding of No Significant Impact is warranted and an environmental impact statement is not required for this action.

A copy of the Draft FONSI and SEA has been available for review at the reference desks of the Pearl City and Honolulu State Libraries on O'ahu subsequent to published notices in the Honolulu Advertiser and Honolulu Star Bulletin on January 12, 2004. Only comments received by mail will be officially considered, and must be post marked no later than February 12, 2004. The Air Force is anticipating signing the FONSI on or about February 12, 2004. Individuals wishing further information or to submit comments should contact:

1Lt Paradon Silpasornprasit  
Chief of Media Relations  
Public Affairs  
15th Airlift Wing  
800 Scott Circle  
Hickam AFB, Hawai'i 96853-5328

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## Previously Published Projects Pending Public Comments

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### Draft Environmental Assessments

#### Hale'iwa Seawall Reconstruction

**Applicant:** Paul M. Dold  
220 South King Street, Suite 2150  
Honolulu, Hawai'i 96813  
Contact: Paul Dold (531-8886)

**Approving Agency/Accepting Authority:** City and County of Honolulu  
Department of Planning and Permitting  
650 South King Street  
Honolulu, Hawai'i 96813  
Contact: Ardis Shaw-Kim (527-5349)

**Public Comment Deadline:** February 7, 2004

#### Kalaeloa Redevelopment Area Transmission Mains

**Applicant:** Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawai'i 96843  
Contact: Gregory Lee (748-5716)

**Approving Agency/Accepting Authority:** same as above

**Public Comment Deadline:** February 7, 2004

## Draft Environmental Assessments



### (1) Ho'okipa Park Improvements

**District:** Makawao  
**TMK:** 2-5-04: 25  
**Applicant:** County of Maui  
Department of Parks and Recreation  
700 Halia Nakoia Street, Unit 2  
Wailuku, Hawai'i 96793  
Contact: Robert Halvorson (270-7931)

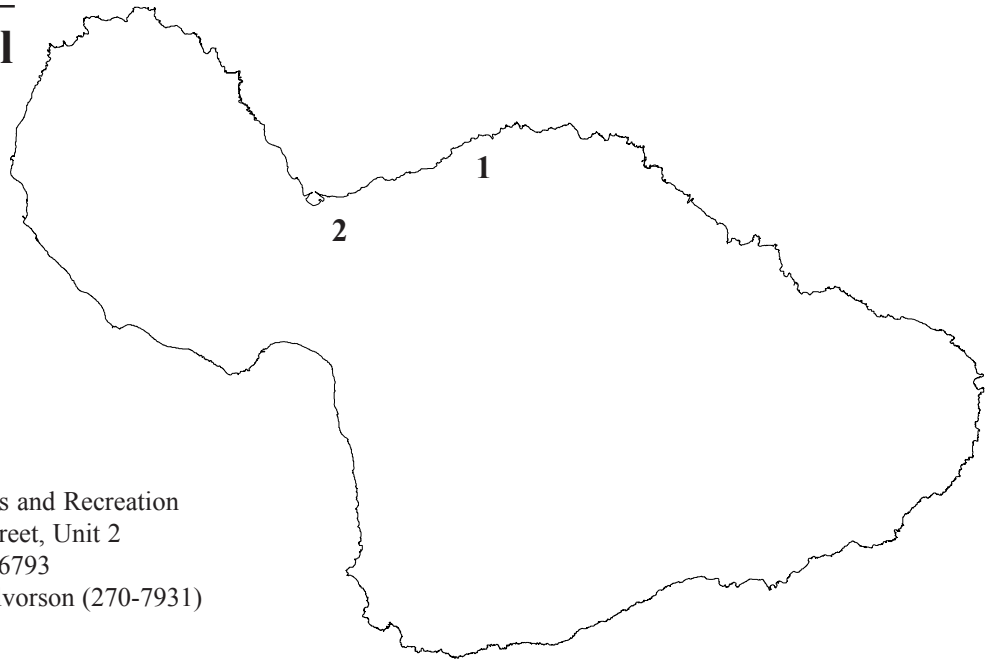
**Approving Agency/Accepting Authority:** Same as above.  
**Consultant:** Wayne Arakaki, Engineer LLC (242-5868)  
P.O. Box 884  
Wailuku, Hawai'i 96793

**Public Comment**  
**Deadline:** February 23, 2004  
**Status:** DEA First Notice pending public comment.  
Address comments to the applicant with copies to the consultant and OEQC.

**Permits Required:** SMA, Grading

The Ho'okipa Park improvements will include the following. There will be an additional 37 parking stalls added to the existing parking lot which is located at the East end of the park. Each parking stall will be 8'-6" by 18'-0" in size. There will be no compact parking stalls. The proposed site has been previously graded, which is currently grassed with a few trees. This area is currently used for overflow parking when needed. The existing parking area will be improved. We will be adding an 8'-0" sidewalk and replacing an existing pipe railing by the existing parking lot. Two ADA accessible parking stalls and an ADA accessible ramp will also be constructed. A barricade will be installed at the North side of the parking area to prevent vehicle access to the steep edge next to the ocean. At the South end, we will be using the same entry driveway.

There will be three subsurface dry wells to prevent any sedimentation from the proposed parking area to flow to the ocean. This area will also be grassed and irrigated with a new water sprinkler system. This area will be used as a picnic site which looks over the ocean. The new parking lot will have additional trees for shade and a water sprinkler system to main-



tain the new landscaping. P-gravel will be placed along the edge of the new parking lot to prevent soil erosion and minimize landscaping maintenance. Several trees will be relocated with the new landscaping design.

There will be no overhead lights for the existing and new parking area, since the park is closed at night. Existing restrooms are located at the center portion of the park. There are no plans for additional restrooms for the new parking area. Ho'okipa Park is located east of Paia.



### (2) Kahului Commercial Harbor, Pier 1C Mooring Dolphin

**District:** Wailuku  
**TMK:** 3-7-01:22  
**Applicant:** Matson Navigation Company  
Pier 51B Sand Island Parkway  
Honolulu, Hawai'i 96819  
Contact: Gary Moniz (848-1318)

**Approving Agency/Accepting Authority:** State Department of Transportation  
Harbors Division  
79 S. Nimitz Highway  
Honolulu, Hawai'i 96813  
Contact: Marshall Ando (587-1961)

**Consultant:** R.M. Towill Corporation

# Maui Notices

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420 Waiakamilo Road, Suite 411  
Honolulu, Hawai'i 96817  
Contact: Gail Atwater (842-1133)

## Public Comment

**Deadline:** February 23, 2004  
**Status:** DEA First Notice pending public comment.  
Address comments to the applicant with copies to the approving agency or accepting authority, the consultant and OEQC.  
**Permits Required:** Dept. of Army, Federal Consistency Determination, Noise

The proposed Pier 1C mooring dolphin, and catwalk leading from the pier to the dolphin, will provide sufficient mooring capability for container ships and other large vessels at Kahului Commercial Harbor, Maui. Currently mooring of large ships at Pier 1C must be supplemented by use of tug boats to maintain safe working conditions during loading and unloading procedures. The project involves the installation of precast, prestressed concrete piles in the harbor. Approximately 16 piles will be needed to support the mooring 400-square foot mooring dolphin, and catwalk leading to the mooring dolphin. Eight piles will be used to support the 9-foot wide catwalk. Impacts include noise and minor traffic impacts during construction. There will be temporary limitations on fishing within the commercial harbor during certain phases of work.

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## Previously Published Projects

## Pending Public Comments

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## Final Environmental Impact Statements

### Lahaina Watershed Flood Control Project

**Applicant:** County of Maui  
Department of Public Works and Waste Management  
200 South High Street  
Wailuku, Hawai'i 96793  
Contact: Joe Krueger (270-7745)

#### Approving Agency/Accepting

**Authority:** Mayor, County of Maui  
250 South High Street  
Wailuku, Hawai'i 96793  
**Status:** FEIS currently being reviewed by the Maui Mayor's Office. **This is a joint State and Federal EIS.**



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



### (1) Anuenue (formerly Rainbow) Radio Towers and Facilities, Kahua Ranch Site

**District:** North Kohala  
**TMK:** 5-9-002:002  
**Applicant:** Department of Accounting and General Services  
1151 Punchbowl Street  
Honolulu, Hawai'i 96183  
Contact: Allen Yamanoha (586-0488)

**Approving Agency/Accepting**

**Authority:** Same as above.

**Consultant:** Wilson Okamoto Corporation  
1907 South Beretania Street, Suite 400  
Honolulu, Hawai'i 96826  
Contact: John Sakaguchi (946-2277)

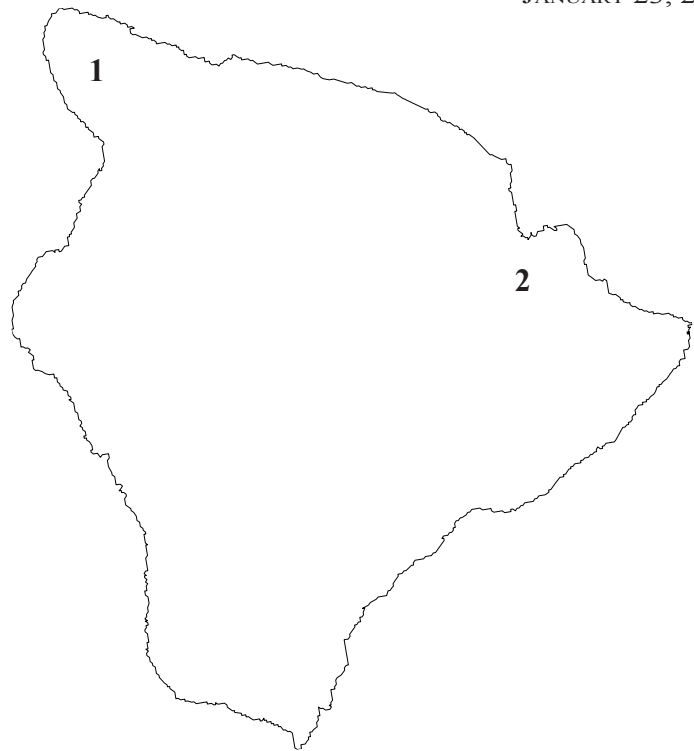
**Status:** FEA/FONSI issued, project may proceed.

**Permits**

**Required:** Building, Grading

The State of Hawai'i Department of Accounting and General Services (DAGS) through its Information and Communication Service Division (ICSD) carries out the responsibilities for statewide telecommunications for the Executive Branch of the Hawai'i State Government. The ICSD owns and operates microwave radios, antenna systems, towers, buildings, and related facilities and infrastructure throughout the islands. The proposed Anuenue (formerly Rainbow) Radio facility at the Kahua Ranch project site will support the rebuilding and modernization of a shared State and Federal microwave system owned by the ICSD.

The Kahua Ranch project site is located in the North Kohala District of Hawai'i about 11 miles northwest of Waimea within lands owned by Kahua Ranch. The project site is located about one mile east of Kohala Mountain Road and will occupy an area of about 6,600 square feet on the slopes to the southwest of Pu'u Waiakanonula within an area which has been used for cattle grazing since the late 1920's. The project site is located between the existing communication facilities owned by



the County of Hawai'i and the weather surveillance radar operated by the Federal Aviation Administration for the National Oceanic and Atmospheric Administration. Access to the project site will be via an existing paved driveway that serves these developed facilities. The project site will be used under an easement agreement between Kahua Ranch, the landowner, and the State of Hawai'i.



### (2) Kipuka 21 Fencing and Interpretive Trail Construction

**District:** South Hilo  
**TMK:** 2-4-008: 008  
**Applicant:** Department of Land and Natural Resources  
Division of Forestry and Wildlife  
1151 Punchbowl Street, Room 224  
Honolulu, Hawai'i 96813  
Contact: Christen Mitchell (587-0051)

**Approving Agency/Accepting**

**Authority:** Same as above.

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

**Permits**

**Required:** DLNR approval

# Hawai'i Notices

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The Division of Forestry and Wildlife (DOFAW) plans to construct perimeter fencing and an interpretive trail within the Upper Waiakea Forest Reserve, at the kipuka located just after Milepost 21 ("Kipuka 21") on Saddle Road on the Big Island of Hawai'i. The project area is owned by the State of Hawai'i and lies within the Protective Subzone of the Conservation District.

The goals of this project are to: (1) provide long-term protection to the natural resources within a kipuka situated near Milepost 21 on Saddle Road, through perimeter fencing of approximately 15 acres, and (2) provide safe and convenient public access to a relatively unspoiled kipuka rainforest habitat, through the development of an interpretive trail.

Fence construction will involve hand clearing of a corridor no more than 10 feet wide and erecting a fence line. The planned fence will be approximately four feet tall, made of hogwire. Trail construction will involve clearing of vegetation,

constructing one or more small viewing platforms, and establishing a trail bed for a trail of approximately 3/4 mile in length. Interpretive signage will be placed at strategic locations along the trail, sharing cultural, botanical and biological information about the kipuka, the Hawaiian forest, and the native plants and wildlife.

Potential impacts include disturbance and damage to common native plants and short-term disturbance to native birds. Impact mitigation measures include conducting surveys and route design of the fence and trail corridors to ensure no botanical or cultural resources are within the construction corridor, constructing most of the fence outside of the kipuka on the 1855 lava flow where vegetation is sparse to minimize disturbance to vegetation, implementing measures to decrease the potential for accidental introduction of non-native species, and avoiding loud construction during periods of nesting.

## Environmental Tip

### Use of glassphalt is required whenever possible by state law HRS 103D-407

HRS §§103D-407 requires the following for construction projects, roadway materials with respect to recycled glass content requirements: (1) When purchasing roadway materials or other high-value, end-use applications for public projects, state agencies shall, and county agencies may, purchase materials with minimum recycled glass content meeting specifications adopted by the policy board which, at a minimum, shall provide for: (a) a minimum recycled glass content of ten per cent crushed aggregate in treated or untreated basecourse in paving materials that shall not reduce the quality standards for highway and road construction; and (b) the use of one hundred per cent aggregate in nonstructural capital improvement applications. (2) All highway and road construction and improvement projects funded by the State or a county or roadways that

are to be accepted by the State or a county as public roads shall utilize a minimum of ten per cent crushed glass aggregate as specified by the department of transportation in all basecourse (treated or untreated) and subbase when the glass is available to the quarry or contractor at a price no greater than that of the equivalent aggregate; (3) All state and county construction projects calling for nonstructural backfill shall utilize one hundred per cent crushed glass when available at a cost equal to or lower than the equivalent aggregate; (4) As used in this section: "Basecourse" means the layer or layers of specified material or selected material of a designed thickness to support a surface course. "Environmental management special fund" means the fund established by HRS §342G-63. "Nonstructural backfill" means use as fill in areas not subject to structural loading, including but not limited to utility line bedding, drainage backfill behind retaining walls, drainage line backfill in leachfields or french drains, and similar uses. [L 1994, c 201, §§3; am L 1997, c 92, §§2; am L 1998, c 11, §§7]

# Shoreline Notices

JANUARY 23, 2004

## 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 Kaua'i, Hawai'i and Maui and at Room 220, 1151 Punchbowl St., Honolulu, O'ahu; telephone (808) 587-0414. All comments shall be submitted in writing to the State Land Surveyor, 1151 Punchbowl Street, Room 210, Honolulu, Hawai'i 96813 and postmarked no later than fifteen (15) calendar days from the date of the public notice of the application. If there are any questions, please call Mr. Nicholas Vaccaro at (808) 587-0384.

File No.	Date	Location	Applicant/Owner	TMK
OA-868-2	1/14/04	Lot 64 of Land Court Application 979, land situated at Kahaluu, Koolaupoko, Island of Oahu, Hawaii Address; 47-079 Kamehameha Hwy Purpose: Renovations	Robert Sign, for Joseph N. and Kristin L.F. Souza	4-7-19: 49
OA-971	1/14/04	Portion of Lot 7 of the Pupukea-Paumalu Beach Lots, land situated at Pupukea, Island of Oahu, Hawaii Address: 59-611C Ke Iki Road Purpose: Building Permit	Dieter Thomas/Ellen Eliasoph	5-9-03: 58
KA-173	1/14/04	Lot 8 of the Wainiha Subdivision II, land situated at Wainiha, Halelea, Island of Kauai, Hawaii Address: 7316 Alealea Road Purpose: Building Permit	Wagner Engineering Services/David Morrow	5-8-09: 47
HA-224-2	1/14/04	Lot 2 of 49 Black Sand Beach Subdivision at Mauna Lani Resort (File Plan 2246), Land situated at Anaehoomalu, South Kohala, Island of Hawaii, Hawaii Address: Lot 2 of 49 Black Sand Beach Subdivision at Mauna Lani Resort (Honokaope Place) Purpose: Building Permit	R.M. Towill Corporation/Kenandy, LLC	6-8-33: 02
OA-297-3	1/14/04	Lot 13-B of the Waialae Beach Lots, land situated at Waialae-Nui, Honolulu, Island of Oahu, Hawaii Address: 4773-B Kahala Avenue Purpose: Building Permit	Walter P. Thompson Survey and Mapping, Inc./Kathryn and Edward Weldon	3-5-6: 06
MA-275-2	1/14/04	Being a portion of Land Patent Grant 8129, Land Commission Award 8559-B, Apana 23 to Wm. C. Lunalilo, land situated at Honolua, Lahaina, Island of Maui, Hawaii Address: Honoapiilani Highway Purpose: Planning for future use of the property	Warren S. Unemori Engineering, Inc./ Maui Land and Pineapple, Co., Inc.	4-2-04 Portion of 32

# Shoreline Notices

JANUARY 23, 2004

## Shoreline Certifications and Rejections

Pursuant to §§13-222-26, Hawai'i Administrative Rules (HAR) the following shorelines have been proposed for certification or rejection by the DLNR. Any person or agency wishing to appeal a proposed shoreline certification or rejection shall file a notice of appeal in writing with the department no later than 20 calendar days from the date of the public notice of the proposed shoreline certification or rejection. The Notice of appeal shall be sent to the Board of Land and Natural Resources (BLNR), 1151 Punchbowl Street, Room 220, Honolulu, Hawai'i 96813.

Case No.	Actions Under New and Old Shoreline Rules	Location	Applicant	TMK
KA-063-3	Proposed Shoreline Certification New Rules 12/11/03 Withdrawn by Applicant 1/7/04	Lot 82 Wainiha Hui Lands, being a portion of R.P. 7194, Land Commission Award 11216, Apana 5 to M Kekauonohi, land situated at Wainiha, Island of Kauai, Hawaii Address: 5-7030 Kuhio Highway Purpose: Building Permit	Wagner Engineering Services/Nick Michaels	5-8-12: 07
OA-969	Proposed Shoreline Certification New Rules 1/9/04	Lot 61 of Land Court Application 1052 (Map 5), land situated at Makaha, Waianae, Island of Oahu, Hawaii Address: 84-923 Moua Street Purpose: Improvements	Towill, Shigeoka and Associates/Robert Norton	8-4-05: 08
OA-388-2	Rejected 1/9/04	Lot 5 of the Kawaiiloa Subdivision File Plan 1820, land situated at Kawaiiloa, Waialua, Island of Oahu, Hawaii Address: 61-169 Iliohu Place Purpose: Building Permit (building setback requirement)	Jamie F. Alimboyoguen/Dexter Hewitt	6-1-13: 07
OA-967	Proposed Shoreline Certification New Rules 1/9/04	Lot 251, Land Court Application 1096, land situated at Kahuku, Koolauloa, Island of Oahu, Hawaii Address: 56-205 Kamehameha Highway Purpose: Building Permit	Walter P. Thompson, Inc./John and Deborah Mullins	5-6-01: 18
OA-211-2	Rejected 1/9/04	Lots E and F, being a portion of Grant S-13807 and Grant S-13664 to Sung Hi Lim and Sook Myeng Ahn Lim, land situated at Pupukea, Koolauloa, Island of Oahu, Hawaii Address: 59-777 and 59-779 Kamehameha Highway Purpose: Building Permit	Jamie F. Alimboyoguen, for Tom Coulson	5-9-4: 32 and 33

# Pollution Control Permit Applications

JANUARY 23, 2004

## 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.

### Clean Air Branch

Branch Permit Type	Applicant & Permit Number	Project Location	Pertinent Date	Proposed Use
Clean Air Branch, 586-4200, Covered Source Permit	AES Hawaii, Inc. CSP 0087-02-C (Renewal)	91-086 Kaomi Loop, Campbell Industrial Park, Kapolei, Oahu	Issued: 12/29/03	180 MW Coal-Fired Cogeneration Plant
Clean Air Branch, 586-4200, Noncovered Source Permit	Oahu Pet Crematory NSP 0405-01-N (Renewal)	201 Kapaa Quarry Road, Kailua, Oahu	Issued: 12/30/03	One (1) 175 lb/hr Pathological Waste Incinerator and One (1) 75 lb/hr Pathological Waste Incinerator
Clean Air Branch, 586-4200, Covered Source Permit	City and County of Honolulu, Dept. Of Environmental Services CSP 0215-01-C (Renewal)	91-1501 Geiger Road, Ewa Beach, Oahu	Comments Due: 2/6/04	Honouliuli Wastewater Treatment Plant

### Safe Drinking Water Branch

Branch & Permit Type	Applicant & Permit Number	Project Location	Pertinent Dates	Proposed Use
Safe Drinking Water Branch, 586-4258, UIC Permit	Chevron UH-2245	Larry's Kilauea Chevron Service Station; 835 Kilauea Avenue, Hilo	n/a	Abandonment of one unregistered injection well used for drainage.
Safe Drinking Water Branch, 586-4258, UIC Permit	Highways Division Dept. of Transportation State of Hawaii UH-2069	Keaau High School, 3rd Increment 16-725 Keaau-Pahoa Road, Keaau, Puna	n/a	Change of operator from Dept. of Education to Dept. of Trans. For 2 injection wells for surface drainage.
Safe Drinking Water Branch, 586-4258, UIC Permit	RS-10 Kalaoa LLC UH-2246	Kukuinui Subdivision, Increment 1, Between Holooho St. and Nana St., Kailua-Kona	tba	Construction of 9 injection wells for surface drainage.
Safe Drinking Water Branch, 586-4258, UIC Permit	Keawe Group, LLC UM-1211	Hotel Molokai Kamiloa Flats, Kamehameha V Hwy., Kaunakakai	n/a	Change of operator for 7 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258, UIC Permit	Keawe Group, LLC UM-1211	Hotel Molokai Kamiloa Flats, Kamehameha V Hwy., Kaunakakai	n/a	Permit renewal for 7 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258, UIC Permit	Germaine's Luau, Inc. UO-1520	Germaine's Luau, Inc. 91-119 Olai Street, Kapolei	n/a	Permit renewal for 2 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258, UIC Permit	Association of Apartment Owners UO-1962	Konane Kai Condominium 68-151 to 68-155 A`u Street, Waialua	n/a	Permit renewal for 2 injection wells for sewage disposal.

# Coastal Zone News

JANUARY 23, 2004

## Federal Consistency Reviews

The Hawai'i Coastal Zone Management (CZM) Program has received the following federal actions to review for consistency with the CZM objectives and policies in Chapter 205A, Hawai'i Revised Statutes. This public notice is being provided in accordance with section 306(d)(14) of the National Coastal Zone Management Act of 1972, as amended. For general information about CZM federal consistency please call John Nakagawa with the Hawai'i CZM Program at 587-2878. For neighboring islands use the following toll free numbers: Lana'i & Moloka'i: 468-4644 x72878, Kaua'i: 274-3141 x72878, Maui: 984-2400 x72878 or Hawai'i: 974-4000 x72878. For specific information or questions about an action listed below please contact the CZM staff person identified for each action. Federally mandated deadlines require that comments be received by the date specified for each CZM consistency review and can be mailed to: Office of Planning, Department of Business, Economic Development and Tourism, P.O. Box 2359, Honolulu, Hawai'i 96804. Or, fax comments to the Hawai'i CZM Program at 587-2899.

### (1) Rebuild Existing Stream Gauging Station on Makawao Stream, O'ahu

**Applicant:** United States Geological Survey  
Contact: Mr. Barry Hill, Assistant District Chief, 587-2407

**Federal Action:** Federal Agency Activity

**Location:** Makawao Stream, Maunawili, O'ahu

**TMK:** 4-2-8: 5

**CZM Contact:** John Nakagawa, 587-2878

**Proposed Action:**

Rebuild an existing streamflow gauging station on Makawao Stream. A pre-fabricated metal instrument shelter (2ft. x 3ft. x 6ft.) will be bolted to a concrete pad above the stream channel and connected to the stream by plastic tubing within 2-inch diameter steel pipes. The original wooden instrument shelter will be removed. No dredging or filling within the stream channel will occur.

**Comments Due:** February 6, 2004

### (2) 'Ahalanui Beach Park Improvements

**Applicant:** County of Hawai'i, Department of Parks and Recreation  
Contact: Mr. James Komata, 961-8311

**Federal Action:** Department of the Army Permit (200400063)

**Federal Agency:** U.S. Army Corps of Engineers  
Contact: Bill Lennan, 438-6986

**Location:** Puna District of the island of Hawai'i

**TMK:** 1-4-2-5, 6 and 61

**CZM Contact:** Debra Tom, 587-2840

**Proposed Action:**

In conformance of the Americans with Disabilities Act, the Hawai'i County Department of Parks and Recreation proposes improvements to the Ahalanui Beach Park. The improvements include replacement of an existing pedestrian ramp and construction of a short walkway for the disabled to access the water. The portion of the improvements authorized by this permit is approximately 580 square feet into navigable waters of the U.S.

**Comments Due:** February 6, 2004

### (3) Supplemental Deck at Ala Wai Boat Harbor Slip 763, O'ahu

**Applicant:** Janet Mandrell

**Federal Action:** Department of the Army Permit (200400102)

**Federal Agency:** U.S. Army Corps of Engineers  
Contact: Bill Lennan, 438-6986

**Location:** Ala Wai Boat Harbor Slip 763

**CZM Contact:** John Nakagawa, 587-2878

**Proposed Action:**

Construct a supplemental deck to boat slip 763 at Ala Wai Boat Harbor. The deck will be constructed of wood, 11ft. 2in. x 16ft. 8in., and supported in the water by concrete footings. The project does not involve any dredging or discharge of fill material into the water.

**Comments Due:** February 6, 2004

# Coastal Zone News

JANUARY 23, 2004

## Special Management Area (SMA) Minor Permits

Pursuant to Hawai'i Revised Statute (HRS) 205A-30, the following is a list of SMA Minor permits that have been approved or are pending by the respective county/state agency. For more information about any of the listed permits, please contact the appropriate county/state Planning Department. City & County of Honolulu (523-4131); Hawai'i County (961-8288); Kaua'i County (241-6677); Maui County (270-7735); Kaka'ako Special Design District (587-2878).

Location (TMK)	Description (File No.)	Applicant/Agent
Honolulu: Laie (4-8-3-16, 4-9-4-1, 4-9-5-1, 5-3-3-1, 5-5-1-4, 5-5-10-2 & 22, 5-6-1-4)	Antenna and enclosure additions to existing power poles (2003/SMA-96)	Hawaiian Electric Company, Inc./Earl Matsukawa (Wilson Okamoto Corp.)
Honolulu: Laie (5-5-1-14)	Renovations to existing TVU (2003/SMA-97)	Hawaiian Electric Co., Inc.
Maui: (3-9-4-76)	Swimming pool, spa & retaining wall (SM2 20030210)	Vogt, Terry Allen
Maui: Kahului (3-8-79-9)	Interior renovation at Maui Aloha Station (SMX 20030786) Pending.	Peter Vincent & Associates, LLC
Maui: Kihei (3-9-48-48)	Additions (SMX 20030787) Pending.	Rivera, Pablo
Maui: Lahaina (4-6-1-8)	Interior renovations at Maui Divers (SMX 20030788) Pending.	Peter Vincent & Associates, LLC
Maui: Lahaina (4-6-2-7)	Bamboo Bar expansion (SMX 20030789) Pending	Bamboo Bar
Maui: Lahaina (4-6-5-14)	Remodel dwelling (SMX 20030793) Pending	Phleger, Charles (Rick) & Nansy
Maui: Paia (2-5-13-43)	Additions (SMX 2004001) Pending	Jenkins, Thomas
Maui: Kihei (3-9-3-1)	Reroof Island Surf (SMX 20040002) Pending.	Western PCS II Corp
Maui: Kahana (4-3-5-9)	Kahana Reef alterations (SMX 20040003) Pending	Dittbenner, Gerald/Bridges, Rory
Maui: Paia (3-8-1-143)	Enlarge garage (SMX 20040004) Pending	Swift, Denis
Maui: Makawao (2-9-5-10)	Dwelling & water tank (SMX 20040005) Pending	Arkles, Alan
Maui: Paia (2-5-4-25)	PWA tents @ Hookipa (SMX 20040006) Pending.	Professional Windsurfers Assn.
Maui: Lahaina (4-4-1-16)	Honokowai Kauhale ADA (SMX 20040007) Pending.	Pacific Architects, Inc.
Maui: Wailuku (3-2-15-49)	Alterations (SMX 20040008) Pending.	Casio, Ricardo
Maui: Paia (2-6-5-12)	Enclose carport (SMX 20040009) Pending.	Matsumoto, Clarence M.
Maui: Wailea (2-1-8-140)	Temporary tents Wailea Sr. Skins Game (SMX 20040010) Pending.	Wailea Golf LLC
Maui: Kihei (3-9-23-4)	Renovations & repairs (SMX 20040011) Pending	Pedersen, Alan
Maui: Huelo (2-9-5-24)	Dwelling (SMX 20040012) Pending.	Meyer, William E.
Maui: (1-3-3-35)	Ulunahale 3 lot subdivision (SMX 20040013) Pending.	Smith Trustee, Mary
Maui: Lahaina (4-6-4-29)	Dwelling addition (SMX 20040014) Pending.	Emery Lopez
Maui: Kahului (3-7-2-1)	Interior renovation (SMX 20040015) Pending	Hiyakumoto & Higuchi Architects, Inc.
Maui: Kahului (3-8-66-18)	Spray paint booth (SMX 20040016) Pending.	Valley isle Motors
Maui: Kihei (3-9-3-65)	Accessory dwelling (SMX 20040017) Pending.	Dennis E. Schmitz
Maui: Lahaina (4-3-16-68)	Accessory dwelling (SMX 20040018) Pending.	Murata, Akiyo
Maui: Kihei (2-1-22-51)	Addition (SMX 20040019) Pending.	Lloyd, Robert E.
Maui: Kapalua (4-2-7-27)	Dwelling (SMX 20040020) Pending.	David Ferree Construction, LLC

# Federal Notices

JANUARY 23, 2004

## Mud Lane, South Kohala, EIS

The Federal Highway Administration (FHWA) is issuing this notice to advise the public that an Environmental Impact Statement (EIS) will be prepared for a proposed highway project in South Kohala. FHWA, in cooperation with the State of Hawai'i, Department of Transportation, Highways Division, will prepare an Environmental Impact Statement (EIS) to realign and/or widen an existing highway in South Kohala, on the island of Hawai'i. The proposed highway improvements begin near the intersection of Mud Lane and the Hawai'i Belt Road (State Route 19) and terminate along Mamalahoa Highway (State Route 190) near the Waimea-Kohala Airport. The total length of this project is approximately 6.3 miles. A 1.7-mile spur, which would connect with Lindsey Road, will also be analyzed as part of the realignment proposal. The purpose of this project is to improve highway safety and reduce congestion, while preserving the character and ambience of the historic Waimea village. In addition to various alternative highway alignments, project alternatives will include: (1) Taking no action; and (2) using Travel Demand Management/Transportation Systems Management (TDM/TSM) and/or mass transit. Letters describing the proposed action and soliciting comments will be sent to appropriate Federal, State and local agencies, and to private organizations and individuals, who have expressed an interest in this project. A series of public meetings will be held in the vicinity of Waimea. In addition, a public hearing will be held after publication of the draft EIS. Public notices will be issued, which will specify the date, time, and place of the hearing. The draft EIS will be available for public and agency review and comment prior to the public hearing. A formal scoping meeting is not planned at this time. To ensure that the full range of issues related to this proposed action are addressed and all significant issues identified, comments and suggestions are invited from all interested parties. Comments or questions concerning this proposed action and the EIS should be directed to: Mr. Abraham Wong, Hawai'i Division Administrator, Federal Highway Administration, Office Address: 300 Ala Moana Boulevard, Room 3-306, Honolulu, Hawai'i 96813, Mailing Address: Box 50206, Honolulu, Hawaii 96850, Telephone: (808) 541-2700 (see, 69 F.R. 2383, January 15, 2004).

## 'Alala Recovery Plan (Draft)

The U.S. Fish and Wildlife Service (FWS) announced the availability of a draft revised recovery plan for the 'alala, or Hawaiian Crow (*Corvus hawaiiensis*) for public review and comment. This endemic Hawaiian bird, a member of the family Corvidae, is now believed to be extinct in the wild and survives only in captivity. The 'alala was listed as an endangered species in 1967 (32 F.R. 4001). The original recovery plan for the 'alala was published in 1982. Comments on the draft revised recovery plan must be received on or before February 20, 2004, to receive FWS consideration. The Hawaiian Crow, or 'alala, is an omnivorous, forest-dwelling bird endemic to dry and mesic forests on the island of Hawai'i. Although 'alala were still abundant in the 1890's, their numbers decreased sharply throughout the twentieth century despite legal protection conferred by the Territory of Hawai'i in 1931, the Act in 1973, and the State of Hawai'i Endangered Species Act in 1982. Progressive range reduction and population fragmentation have characterized the decline. By 1987, the wild

'alala population was reduced to a single bird in north Kona, and an unknown number in central Kona, on the west slope of Mauna Loa volcano, Hawaii. The last reproduction of birds in the wild was in 1996, and the wild population declined from 12 birds in 1992 to 2 birds (possibly 3) in 2002, and apparent extinction in the wild in 2003. Today, the 'alala is believed to survive only in captivity. Small population size and inbreeding are the primary threats to the species at present, fertility and hatching success in captivity are currently low, and the incidence of congenital abnormalities is increasing. Many factors contributed to the decline of 'alala in the wild. Destruction of most of the lowland forests restricted the bird's ability to follow seasonal fruiting up and down the mountains. The upland forests have been thinned and fragmented, and many fruiting plants lost, due to logging, ranching, and the effects of grazing by feral pigs, cattle, and sheep. Monagooses, cats, and rats prey on 'alala eggs and fledglings. Diseases carried by introduced mosquitoes may have caused the mortality of many 'alala, as they did other forest birds. The role of 'io (*Buteo solitarius*) in this decline, however, is unknown, despite their known effect on released birds. However, 'io densities are higher, and vulnerability of 'alala may be greater, in areas where ungulate grazing has reduced understory cover. The overall objective of this plan is to provide a framework for the recovery of the 'alala so that its protection under the Act is no longer necessary. Recovery is contingent upon protecting and managing suitable habitat for reintroduction of 'alala. Recovery actions include measures to protect habitat where the taxa occurred and habitat where the species is not known to have occurred but which may be suitable, restoration of degraded habitat, removal of feral ungulates from habitat areas, predator control, captive propagation and reintroduction, development of strategies to reduce mortality of reintroduced 'alala by 'io predation, and the development of means to address threats of avian disease. Key to recovery will be propagation of 'alala in captivity; removal of feral ungulates that degrade forest habitat, spread introduced nonnative plant species, and create breeding sites for disease-carrying mosquitoes; control of introduced rodents; removal of feral cats that carry toxoplasmosis; and control of invasive plant species. Habitat management and restoration will increase foods available to released 'alala and provide better cover for escape in areas with 'io. Copies of the draft revised recovery plan are available for inspection, but appointment, during normal business hours at the following locations: U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office, 300 Ala Moana Boulevard, Room 3-122, Honolulu, Hawai'i 96850 (telephone 808-792-9400) and Hawai'i State Library, 478 S. King Street, Honolulu, Hawai'i 96813. Requests for copies of the draft revised recovery plan and written comments and materials regarding this plan should be addressed to the Field Supervisor, Ecological Services, at the above Honolulu address. An electronic copy of the draft revised recovery plan is also available at: <http://endangered.fws.gov/recovery/index.html#plans>. For more details, contact Jay Nelson, Fish and Wildlife Biologist, at the above Honolulu address (see, 68 F.R. 71128, December 22, 2003).

## Mauna Kea Outrigger Telescopes

The National Aeronautics and Space Administration (NASA) has given notice of intent to prepare an environmental impact statement (EIS) and conduct scoping for the Outrigger Telescopes Project (OTP) pursuant to the National Environmental Policy Act of 1969



(NEPA), as amended (42 U.S.C. 4231 et seq.), the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA (40 CFR parts 1500-1508), and NASA policy and procedures (14 CFR part 1216 subpart 1216.3). The EIS will address environmental issues associated with the on-site construction, installation, and operation of four to six 1.8-meter (72-inch) Outrigger Telescopes. NASA proposes to fund the OTP at the W.M. Keck Observatory (WMKO) site within the Astronomy Precinct of the Mauna Kea Science Reserve on the Island of Hawai'i, State of Hawai'i. Interested parties are invited to submit comments on or before February 16, 2004, to assure full consideration during the scoping process. Comments should be addressed to Dr. Carl B. Pilcher, Office of Space Science, Code SZ; NASA Headquarters; 300 E Street, SW., Washington, DC 20546-0001. In addition, electronic comments may be sent to Dr. Carl B. Pilcher at [otpeis@nasa.gov](mailto:otpeis@nasa.gov) or by hardcopy facsimile at 202-358-3096. For more details, contact Dr. Carl B. Pilcher, at telephone 877-283-1977 (toll-free), electronically at [otpeis@nasa.gov](mailto:otpeis@nasa.gov), or by hardcopy facsimile at 202-358-3096.

The OTP is a key element in NASA's Origins Program. The Origins Program addresses two fundamental questions: (1) How do galaxies, stars, and planets form? (i.e., "Where do we come from?"); and (2) Are there planets, aside from ours, that have the conditions necessary to support life? (i.e., "Are we alone?"). The OTP has four scientific objectives that contribute to achieving the goals of the Origins Program: (1) Detect the "wobble" of stars due to the gravity of unseen orbiting planetary companions as small as Uranus; (2) Make images of disks of gas and dust surrounding young stars and stars that are still forming; (3) Make high-resolution images of faint objects outside our galaxy; and (4) Make high-resolution images of objects within our solar system, including asteroids, comets, and outer planets. The first of these four objectives can be accomplished with the Outrigger Telescopes alone linked together as an interferometer. (An interferometer combines the light from two or more separate telescopes so that they act like one big telescope.) The last three objectives require that the Outrigger Telescopes be linked as an interferometer to at least one 8-meter or larger telescope. NASA proposes to fund the OTP at the W.M. Keck Observatory (WMKO) site located within the Astronomy Precinct of the Mauna Kea Science Reserve on the Island of Hawaii. WMKO is the site of the two largest optical telescopes in the world—the twin 10-meter Keck I and Keck II. The OTP, if fully implemented as proposed, would consist of up to six 1.8-meter (72-inch) telescopes placed strategically around the two existing Keck Telescopes. The California Association for Research in Astronomy (CARA), a non-profit corporation established by the University of California and California Institute of Technology (Caltech), operates and maintains the WMKO. The approximately 2-hectare (5-acre) WMKO site is sub-leased to Caltech by the University of Hawaii (UH). The WMKO site is located within the Astronomy Precinct (approximately 212 hectares (525 acres)) of the Mauna Kea Science Reserve. The 4,500 hectare (11,000 acre) Science Reserve, is leased to UH by the State of Hawai'i. Because of present funding constraints, only four Outrigger Telescopes would initially be installed and operated, although the foundations for six would be constructed. It is anticipated that the on-site construction and installation of four of the six Outrigger Telescopes, along with on-site construction of the underground structures for Telescopes 5 and 6, would begin early in 2005, with initial operations anticipated in 2006. If funding were available, NASA would intend to complete the on-site construction, installation, and operation of Telescopes 5 and 6, with on-site construction and installation likely to begin no earlier than

2006. In addition to the WMKO site, alternative sites with at least one existing 8-meter or larger telescope will be considered in the EIS. If NASA decides not to or cannot implement the OTP at the WMKO site or a reasonable alternative site with an existing 8-meter or larger optical telescope, NASA would consider sites where at least the one objective that does not require such a large telescope (i.e., the survey of stars for "wobble" due to the gravity of unseen orbiting planetary companions as small as Uranus) can be achieved. Alternative sites to be considered in the EIS under such a materially reduced science OTP option will include, but not necessarily be limited to, the Mt. Wilson Observatory in Los Angeles County, California, and the Navy Prototype Optical Interferometer (NPOI) site near Flagstaff, Arizona. The No Action alternative will also be addressed. The EIS will analyze the potential environmental impacts associated with the on-site construction, installation, and operation of the Outrigger Telescopes at the WMKO site and other reasonable alternative sites. The potential environmental impacts at alternative sites for the materially reduced science OTP option will also be evaluated. Environmental issues to be emphasized will include, but not necessarily be limited to, cultural resources, flora and fauna, sewage, and cumulative impacts. Because it is evident that there is substantial environmental controversy and concern about locating the Outrigger Telescopes on Mauna Kea, public scoping meetings will be held in the State of Hawai'i on the following dates: January 5, 2004, King Kamehameha Beach Hotel; 75-5660 Palani Road, Kailua-Kona, Hawai'i 96740 (paid parking at the hotel will be free for attendees); January 7, 2004, Hawai'i Nanihoa; 93 Banyan Drive, Hilo, Hawai'i 96720 (parking is free); January 8, 2004, Waimea YMCA; 67-1435 Mamalahoa Hwy., Kamuela, Hawai'i 96743 (parking is free); January 12, 2004, Japanese Cultural Center; 2554 South Beretania Street, Honolulu, Hawai'i 96826 (paid parking at the Cultural Center will be free for attendees); January 13, 2004, Wai'anae District Park; 85-601 Farrington Highway, Wai'anae, Hawai'i 96792 (parking is free). All of the meetings will begin with an informal open house from 5:15 to 6:15 p.m. The formal meetings to listen to public comments and concerns will begin at 6:30 p.m. NASA is planning to have a Hawaiian language translator at all of the meetings. NASA will also consider conducting public scoping meetings near reasonable alternative sites in the United States as Wilson and NPOI sites, if there is sufficient public environmental interest and concern. Written public input and comments on alternatives and environmental issues and concerns associated with the OTP are hereby requested (see, 68 F.R. 75285, December 30, 2003).

## Transgenic Crop Permits

The United States Environmental Protection Agency (EPA) has granted experimental use permits (EUPs) to the pesticide applicants listed below (an EUP permits use of a pesticide for experimental or research purposes only in accordance with the limitations in the permit). For details, contact Mike Mendelsohn, Biopesticides and Pollution Prevention Division (7511C), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001; telephone number: (703) 308-8715; e-mail address: [mendelsohn.mike@epa.gov](mailto:mendelsohn.mike@epa.gov).

**68467-EUP-7.** Issuance. Mycogen Seeds c/o Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268-

# Federal Notices

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1054. This EUP allows the use of the plant-incorporated protectant *Bacillus thuringiensis* Cry34/35Ab1 proteins and the genetic material necessary for their production (from the insert of plasmid PHP17662) in corn on 624 acres of field corn to conduct insect resistance management, maize agronomic observation, maize breeding and observation nursery, maize demonstration, maize efficacy, maize hybrid production plots, maize regulatory field studies, non-target organism, and herbicide tolerance trials. The program is authorized only in the States of California, Georgia, Hawai'i, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, Wisconsin, and the Commonwealth of Puerto Rico. The EUP is effective from June 24, 2003 to May 1, 2004.

**29964-EUP-5.** Issuance. Pioneer Hi-Bred International, Inc., P.O. Box 552, Johnston, Iowa 50131-0552. This EUP allows the use of the plant-incorporated protectant *Bacillus thuringiensis* Cry34/35Ab1 proteins and the genetic material necessary for their production (from the insert of plasmid PHP17662) in corn on 624 acres of field corn to conduct insect resistance management, maize agronomic observation, maize breeding and observation nursery, maize demonstration, maize efficacy, maize hybrid production plots, maize regulatory field studies, non-target organism, and herbicide tolerance trials. The program is authorized only in the States of California, Georgia, Hawai'i, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, Wisconsin, and the Commonwealth of Puerto Rico. The EUP is effective from June 24, 2003 to May 1, 2004. A tolerance has been established for residues of *Bacillus thuringiensis* Cry34Ab1 and Cry35Ab1 proteins and the genetic material necessary for their production in corn when used as plant-incorporated protectants in the food and feed commodities of field corn, sweet corn, and popcorn. The Federal Register document announcing receipt of these and other Cry34/35Ab1 EUPs (68 FR 12073) (FRL-7286-3) received 42 comments, with 4 of these being received after the comment due date. Thirty commentors were in favor of EPA granting the EUPs. Twelve commentors urged the Agency not to approve them. Commentors included farmers and other private citizens, medium to smaller seed companies, the American Soybean Association, and the environmental groups Hawaii Genetic Engineering Action Network and Earthjustice. Commentors in favor of EPA granting the EUPs cited the reduced use of conventional insecticides, insect resistant management benefits, a lack of antibiotic resistance marker proteins in the Cry34/35Ab1 corn products, the need for competition in the marketplace for rootworm resistant corn, and the need to test the products this season. Commentors against EPA's granting of the permits cited that there was no tolerance exemption for Cry34/35Ab1, allergen and toxin concerns, concerns regarding adequate containment, and concerns regarding EPA enforcement. First, EPA has, in fact, granted a temporary exemption from the requirement of a tolerance for *Bacillus thuringiensis* Cry34Ab1 and Cry35Ab1 proteins and the genetic material necessary for their production in corn, 40 CFR 180.1242 (68 FR 40178) (FRL-7310-1). In doing so, EPA concluded that there was a reasonable certainty that no harm will result from aggregate exposure to the U.S. population, including infants and children, to the Cry34Ab1 and Cry35Ab1 proteins and the genetic material necessary for their production. In addition, although the subject EUPs have a temporary tolerance exemption associated with them and under this condition EPA would not normally require such containment, both Dow and Pioneer's experimental programs require containment consisting of

border rows; (distance isolation of 660 ft., or reproductive isolation, or temporal isolation); as well as having seed produced reserved for experimental work or future plantings. Finally, EPA's regional offices currently cooperate with State agencies in the enforcement of plant-incorporated protectant EUPs (see, 69 F.R. 658, January 6, 2004).

**524-EUP-93.** Amendment/extension. Monsanto Company, 800 N. Lindberg Blvd., St. Louis, MO 63167. This EUP allows the use of the plant-incorporated protectants MON863 x MON810 combined insecticidal trait stacked hybrids containing *Bacillus thuringiensis* Cry3Bb1 protein and the genetic material necessary for its production (vector ZMIR13L) in corn MON 863 and *Bacillus thuringiensis* Cry1Ab delta-endotoxin and the genetic material necessary for its production (vector PV-ZMCT01) in corn MON810 on 2,304 acres for breeding and observation nursery, inbred seed increase production, line per se and hybrid yield, insect efficacy, product characterization and performance/labeling, insect resistance management, non-target organism and benefit, and seed treatment trials. The program is authorized only in the States of Alabama, Arizona, California, Colorado, Delaware, Florida, Georgia, Hawai'i, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Mississippi, Montana, North Carolina, North Dakota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, Puerto Rico, South Dakota, Tennessee, Texas, Utah, Virginia, and Wisconsin. The EUP is effective from June 20, 2003 to December 31, 2003. Tolerance exemptions have been established for residues of the active ingredients in or on corn. In the Federal Register of April 23, 2003 (68 FR 19995) (FRL-7301-9), EPA announced the receipt of application for this EUP. No comments were received in response to the Federal Register notice.

**524-EUP-96.** Issuance. Monsanto Company, 800 N. Lindberg Blvd., St. Louis, MO 63167. This EUP allows the use of the plant-incorporated protectants ZMIR39 x MON810 combined insecticidal trait stacked corn hybrids along with ZMIR39 and MON810 corn hybrids; *Bacillus thuringiensis* Cry3Bb1 protein and the genetic material necessary for its production (vector ZMIR39) in corn ZMIR39 and *Bacillus thuringiensis* Cry1Ab delta-endotoxin and the genetic material necessary for its production (vector PV-ZMCT01) in corn MON810 on 829.7 acres of field corn for breeding and observation nursery, inbred seed increase production, line per se and hybrid yield, insect efficacy, product characterization and performance/labeling, insect resistance management, non-target organism and benefit, seed treatment, swine growth and feed efficiency, dairy cattle feed efficiency, beef cattle growth and feed efficiency, and cattle grazing feed efficiency trials. The program is authorized only in the States of Alabama, California, Colorado, Hawai'i, Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Mexico, New York, North Carolina, Ohio, Pennsylvania, Puerto Rico, South Dakota, Tennessee, Texas, Virginia, and Wisconsin. The EUP is effective from July 2, 2003 to December 31, 2003. Tolerance exemptions have been established for residues of the active ingredients in or on corn. In the Federal Register of April 2, 2003 (68 FR 16050) (FRL-7286-2), EPA announced the receipt of application for this EUP. One comment, by the Sierra Club, was received in response to the Federal Register notice. The Sierra Club commented that EPA should require additional testing requirements in order to look for reproductive and chronic effects in the animal feeding trials. The Cry3Bb1 protein has not been shown to be toxic to humans and the Agency concluded on May 11, 2001 (66 FR 24061) (FRL-6781-6), that there is a reasonable certainty that no harm will result from aggregate

gate exposure to the U.S. population, including infants and children, to the Cry3Bb1 protein and the genetic material necessary for their production in corn (40 CFR 180.1214). Accordingly, the Agency does not agree that such additional testing as requested by the Sierra Club is necessary. Nevertheless, although the Agency is not requiring Monsanto to modify its experimental program as requested by the Sierra Club in their comments, Monsanto must immediately notify the Agency of any findings from the experimental uses that have a bearing on safety (i.e., reporting to the Agency of any adverse effects from the use of, or exposure to, the pesticide is required) (see, 69 F.R. 917, January 7, 2004).

**68467-EUP-4.** Extension/amendment. Mycogen Seeds, c/o Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268-1054. This EUP allows the use of the plant-incorporated protectant *Bacillus thuringiensis* Cry1F protein and the genetic material necessary for its production (from the insert of plasmid PHP12537) in corn (moCry1F corn) on 291 acres of field corn to conduct insect resistance management, agronomic observation, breeding and observation nursery, efficacy, maize demonstration, and herbicide tolerance study trials. The program is authorized only in the States of Hawai'i, Illinois, Indiana, Iowa, Kentucky, Louisiana, Minnesota, Mississippi, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin and the Commonwealth of Puerto Rico. EUP plantings are effective from April 11, 2003 to March 31, 2004. In the Federal Register of March 7, 2003 (68 FR 11103) (FRL-7289-3), EPA announced the notice of receipt for the amendment/extension application (docket identification number OPP-2003-0016). Fifteen public comments were received in response to the notice. Commenters requested EPA not to issue the amendment/extension and expressed concern regarding food and environmental safety, gene flow, impacts on organic production, and the level of government oversight. First, moCry1F corn is covered by the tolerance exemption that permits Cry1F corn in food, 40 CFR 180.1217, (66 FR 30321) (FRL-6783-3). In granting that tolerance exemption, the Agency concluded that there is a reasonable certainty that no harm will result from aggregate exposure to the U.S. population, including infants and children, to the Cry1F protein and the genetic material necessary for its production. In addition, the approved experimental program submitted by Mycogen Seeds, c/o Dow AgroSciences LLC requires the destruction of seed or plant material resulting from this permit that are not saved for future research, analysis, or future plantings. This EUP was limited to 291 acres and moCry1F corn produces the Cry1F protein whose non-target organism toxicity was evaluated during the Bt Crops Reassessment in October 2001 (October 15, 2001 Plant-Incorporated Protectants Biopesticide Registration Action Document (pages II.C38-C44, VI.2), [http://www.epa.gov/pesticides/biopesticides/pips/bt\\_brad.htm](http://www.epa.gov/pesticides/biopesticides/pips/bt_brad.htm)). In the Cry1F ecological effects testing done, no treatment-related effects were observed in bobwhite quail fed Cry1F corn as part of their diet. No measurable deleterious effects from the Cry1F protein on honey bees, parasitic wasps, ladybird beetles, green lacewings, collembola (springtails), earthworms, daphnia, and monarch butterflies were observed in submitted studies. The reassessment document also addresses the concern raised regarding impacts on organic production in its benefits section (II.E2-6). EPA's regional offices currently cooperate with State agencies in the enforcement of plant-incorporated protectant EUPs (see, 69 F.R. 918, January 7, 2004).

## Taking of Threatened or Endangered Species Incidental to Commercial Fishing Operations

The National Marine Fisheries Service (NMFS) proposes to prohibit shallow longline sets of the type normally targeting swordfish on the high seas in the Pacific Ocean east of 150 degrees W. longitude by vessels that are not already prohibited from making such sets under the current regulations for the Fishery Management Plan for the Pelagic Fisheries of the Western Pacific Region (WesPac FMP). This action is intended to protect endangered and threatened sea turtles from the adverse impacts of shallow longline fishing by U.S. longline fishing vessels in the Pacific Ocean and operating out of the west coast instead of Hawai'i. This rule would supplement the regulations proposed to implement the Fishery Management Plan for U.S. West Coast Fisheries for Highly Migratory Species (FMP) that would prohibit shallow longline sets on the high seas in the Pacific Ocean west of 150 degrees W. longitude by vessels that would be managed under that FMP. The FMP is currently under review by NMFS and will be approved, disapproved or partially approved in early February 2004. Together, these two regulations are expected to conserve leatherback and loggerhead sea turtles as required under the Endangered Species Act (ESA). Comments on the proposed rule must be received or transmitted by facsimile by 5 p.m., Pacific Standard Time, on January 16, 2004. Comments transmitted via e-mail or the Internet will not be accepted. Comments should be sent to Rodney R. McInnis, Acting Administrator, Southwest Region, NMFS, 501 West Ocean Boulevard, Suite 4200, Long Beach, CA 90802, or by telephone facsimile (562) 980-4027. Copies of the FMP, which includes an environmental impact statement (EIS) accompanied by a regulatory impact review (RIR) and an initial regulatory flexibility analysis (IRFA) are available on the internet at <http://www.pcouncil.org/hms/hmsfmp.html> or may be obtained from Daniel Waldeck, Pacific Fishery Management Council, 7700 NE Ambassador Place, Suite 200, Portland, Oregon, 97220-1384, [Daniel.Waldeck@noaa.gov](mailto:Daniel.Waldeck@noaa.gov), (503) 820-2280. This proposed action corresponds to the High Seas Pelagic Longline Alternative 3 in the Council EIS, RIR, and IRFA. For details, contact Tim Price, NMFS, Southwest Region, Protected Resources Division, at (562) 980-4029 (see, 68 F.R. 70219, December 17, 2003).

## Marine Mammals; File No. 642-1536

Notice is hereby given that Joseph R. Mobley, Jr., Ph.D., Professor Psychology, University of Hawai'i-West O'ahu, 96-129 Ala 'Ike, Pearl City, Hawai'i 96782 (Principal Investigator: Dr. Joseph Mobley), has requested an amendment to scientific research Permit No. 642-1536-00. Written or telefaxed comments must be received on or before February 5, 2004. Permit No. 642-1536-00 authorizes the permit holder to conduct aerial and vessel-based research, including surface and underwater photography/videography for fluke identification and sex verification, on North Pacific humpback whales (*Megaptera novaeangliae*) and several other species of cetaceans in Hawai'i waters. The permit holder now requests authorization to add biopsy sampling and suction cup/implantable bioacoustic tagging of various marine mammal species resident to Hawai'i, including humpback whales,

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fin whales (*Balaenoptera physalus*), sei whales (*Balaenoptera borealis*), Bryde's whales (*Balaenoptera edeni*), killer whales (*Orcinus orca*), short-finned pilot whales (*Globicephala macrorhynchus*), melon-headed whales (*Peponocephala electra*), false killer whales (*Pseudorca crassidens*), spinner dolphins (*Stenella longirostris*), spotted dolphins (*Stenella attenuata*), striped dolphins (*Stenella coeruleoalba*), Risso's dolphins (*Grampus griseus*), rough-toothed dolphins (*Steno bredanensis*), bottlenose dolphins (*Tursiops truncatus*), sperm whales (*Physeter macrocephalus*), pygmy sperm whales (*Kogia breviceps*), dwarf sperm whales (*Kogia simus*), Baird's beaked whale (*Berardius bairdii*), Cuvier's beaked whales (*Ziphius cavirostris*), and Blainville's beaked whales (*Mesoplodon densirostris*). Specifically, the permit holder is requesting 40 tagging takes and 80 biopsy takes for humpback whales, 5 tagging takes and 10 biopsy takes for fin, sei, Bryde's, and killer whales, and 20 tagging takes and 40 biopsy takes for all other requested species. Biopsy sampling is requested to further study the population structure of the above species. Bioacoustic tagging is requested to record and quantify the various acoustic stimuli in the animals' environment, with a primary objective of tagging singing humpback whale males to further understand song structure and duration. The proposed research is requested for the duration of the current permit which expires on May 31, 2005. All research will take place in Hawaiian waters. NOAA environmental review procedures provide that scientific research permits are generally categorically excluded from the National Environmental Policy Act of 1969 (NEPA; 42 U.S.C. 4321 et seq.) requirements to prepare an environmental assessment (EA) or environmental impact statement. However, given that portions of the research are directed at species listed as threatened or endangered under the ESA, NMFS is currently preparing an EA to determine if the proposed activities are likely to result in any significant impacts to social, economic, biological or physical environment resources. Concurrent with the publication of this notice in the Federal Register, NMFS is forwarding copies of this application to the Marine Mammal Commission and its Committee of Scientific Advisors. The amendment request and related documents are available for review upon written request or by appointment in the following office(s): Permits, Conservation and Education Division, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13705, Silver Spring, MD 20910; phone (301)713-2289; fax (301)713-0376; and Protected Species Coordinator, Pacific Islands Region Office, NMFS, 1601 Kapiolani Blvd., Rm, 1110, Honolulu, HI 96814-4700; phone (808) 973-2935; fax (808) 973-2941. Written comments or requests for a public hearing on this request should be submitted to the Chief, Permits, Conservation and Education Division, F/PR1, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13705, Silver Spring, MD 20910. Those individuals requesting a hearing should set forth the specific reasons why a hearing on this particular amendment request would be appropriate. Comments may also be submitted by facsimile at (301)713-0376, provided the facsimile is confirmed by hard copy submitted by mail and postmarked no later than the closing date of the comment period. Please note that comments will not be accepted by e-mail or other electronic media. For details, contact Jill Lewandowski, (301)713-2289 (see, 69 F.R. 630, January 6, 2004).

## Partial Deletion of Del Monte Poamoho from Superfund List

The United States Environmental Protection Agency (EPA) Region 9 announces the deletion of the Poamoho section of the Del Monte Corporation (O'ahu Plantation) Superfund Site (the Site) from the National Priorities List (NPL). This partial deletion pertains to the Poamoho section of the Site. This partial deletion does not pertain to the Kunia section of the site. The Kunia section of the site will remain on the NPL, and response activities will continue at that section. With the concurrence of the State of Hawai'i through the Hawai'i Department of Health (DOH), the EPA has determined that Site investigations show that the Poamoho section of the Site poses no significant threat to public health or the environment; consequently, pursuant to CERCLA section 105, and 40 CFR 300.425(e), the Poamoho section of the Site is hereby deleted from the NPL, effective January 13, 2004. For details, contact Janet Rosati, Remedial Project Manager, (415) 972-3165, or toll-free (800) 231-3075, U. S. Environmental Protection Agency, Region 9, 75 Hawthorne Street, Mail Code SFD-8-2, San Francisco, CA 94105. Information on the Site is available at the local information repository located at: Wahiawa Public Library, 820 California Avenue, Wahiawa, Hawai'i 96786, telephone (808) 622-6345. Site information is also available at the U.S. EPA Records Center, 95 Hawthorne Street, San Francisco, California 94105, telephone (415) 536-2000 (see, 69 F.R. 1923, January 13, 2004).

## Endangered Status for Three Plants From the Mariana Islands and Guam

The U.S. Fish and Wildlife Service (FWS), pursuant to the Endangered Species Act of 1973, as amended (Act), provides notice of the reopening of the comment period on the proposed endangered status for three plants (no common names), *Nesogenes rotensis*, *Osmoxylon mariannense*, and *Tabernaemontana rotensis*, to allow peer reviewers and all interested parties to submit comments on the proposal. Comments already submitted on the June 1, 2000, proposed rule need not be resubmitted as they will be fully considered in the final determination. Comments from all interested parties must be received by January 26, 2004. Comments and materials concerning the proposal should be sent to the Acting Field Supervisor, Pacific Islands Office, U.S. Fish and Wildlife Service, 300 Ala Moana Boulevard, Room 3-122, Box 50088, Honolulu, Hawai'i 96850. For details, contact Gina Schultz, Acting Field Supervisor, at the above address (telephone (808) 792-9400; facsimile (808) 792-9580). Submit written comments and information to the Acting Field Supervisor, U.S. Fish and Wildlife Service, Pacific Islands Office, 300 Ala Moana Blvd., P.O. Box 50088, Honolulu, HI 96850-0001. Please also include "Attn: RIN 1018-AG09" and your name and return address in your message. If you do not receive a confirmation from the system that we have received your e-mail message, contact us directly by calling our Honolulu Fish and Wildlife Office at telephone number 808/792-9400 (see, 69 F.R. 1560, January 9, 2004).

# Wao Akua Order Form

*Wao Akua - Sacred Source of Life* (ISBN 1-883528-25-9, LCCN 2003096252), was published on December 15, 2003, to commemorate the Year of the by the Division of Forestry and Wildlife of the Department of Land and Natural Resources. A treasured keepsake, the book is replete with exquisite imagery of native flora and fauna as well as thought-provoking native and non-native reflections on the Hawaiian forest. The writers and photographers who have contributed to this book include Hawaiian cultural practitioners, farmers, scientists, poets, playwrights, artists, historians, students, educators, and kupuna. Their contributions show the diversity of ways that citizens are engaged to protect our sacred, life-sustaining resource, the forest. This book will educate, provoke, and inspire so that many more people will understand the present condition of our forests and the benefits for all of Hawai'i if we work together to sustain them. Text contributors include: Frank Stewart; Sam 'Ohukani'ohi'a Gon III; Pualani Kanahale; Kapulani Landgraf; W. S. Merwin; Nainoa Thompson; Eric Enos; Gail Hovey; Anne Nanea Kahiwahiwa Rosa; Vickie Caraway; Jolie Wanger; A.C. Medeiros; Alani Apio; Dennis Kawaharada; P. Quentin Tomich; Jan Becket; Rob Pacheco; and, Michael G. Buck. Featured photographers include: David Liitschwager & Susan Middleton; Jack Jeffrey; Franco Salmoiraghi; Masako Corday; Kapulani Landgraf; Richard A. Cooke III, Jan Becket; Shuzo Uemoto; J. Stephen Athens; Hal Lum; and John Obata.

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- Native Books/Na Mea Hawai'i, Ward Warehouse, Honolulu, O'ahu, telephone (808) 596-8885
- Na Mea Hawai'i, 851 Fort Street, Downtown Honolulu, O'ahu, telephone (808) 548-2665