

The Environmental Notice

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



BENJAMIN J. CAYETANO
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

235 S. BERETANIA STREET.
LEIOPAPA A KAMEHAMEHA
SUITE 702
HONOLULU, HAWAII 96813

Telephone (808) 586-4185
Facsimile (808) 586-4186

Moloka'i & Lana'i: 1-800-468-4644 ext. 64185
Kaua'i: 274-3141 ext. 64185
Maui: 984-2400 ext. 64185
Hawaii: 974-4000 ext. 64185

DECEMBER 23, 2000

Makua Valley Supplemental EA

The U.S. Army has completed a National Environmental Policy Act Supplement Environmental Assessment and a mitigative finding of no significant impact for its proposed return to routine training at Makua Military Reservation (MMR). Routine training will consist of the use of MMR as a Company Combined Arms Assault Course (CCAAC) officially known as Pilila'au Range Complex. The 4,190 acre reservation, controlled by the Army since 1943, is known to contain habitat of

numerous endangered species and is of considerable cultural significance to the native Hawaiian community. The SEA includes exquisitely detailed color maps; 161 comments and responses on the draft EA; the July 23, 1999, biological opinion of the U.S. Fish and Wildlife Service, and the Wildland Fire Management Plan. The URL for the Makua Supplemental EA is: <http://www.25idl.army.mil/Makua>. See page 4 for more.

Maui and Kaho'olawe Critical Habitat

The Fish and Wildlife Service is proposing 33,614 acres of critical habitat in Maui county for fifty species. Comments are due on **FEBRUARY 16, 2001**. See page 16 for more.

Genetically Modified Corn Testing in Hawai'i

The Environmental Protection Agency announced that Monsanto is requesting a permit to test a transgenic plant pesticide in the form of genetically modified corn on a total of 11,394 acres in various states, including Hawai'i from October 15, 2000 to November 15, 2001. See page 16 for more.

University Exemption List

The University of Hawai'i has submitted a revised exemption list. The proposed list will update the last one submitted December 1978. Submit comments on the exemption list to OEQC. Comments are due by **JANUARY 22, 2001**. See page 18 for the full text.

Ha'iku Roadway Easement

Kahui Pono, LLC, has submitted a draft EA for a roadway access easement across a parcel of state land to its property. The roadway would go from Honolaka Road, which joins Hana Highway a half mile east of Twin Falls, and would be about 400 feet long and 24 feet wide, totalling a little less than a quarter acre. Kahui Pono's property is a 15-acre parcel, currently vacant. Possible plans for development are either two farm dwellings or a three-lot subdivision. The parcel stretches mauka from the coast and is zoned Conservation and Agricultural. The proposed roadway connects to the mauka (Ag) end of the parcel. For more information see page 5.

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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.

Draft Environmental Assessments



(1) One'ula Beach Park Master Plan

District: 'Ewa
TMK: 9-1-11: 3-7 and 9-1-12: 25
Applicant: City and County of Honolulu
Department of Design and Construction
650 South King Street, 9th Floor
Honolulu, Hawai'i 96813
Contact: Brian Suzuki (527-6316)

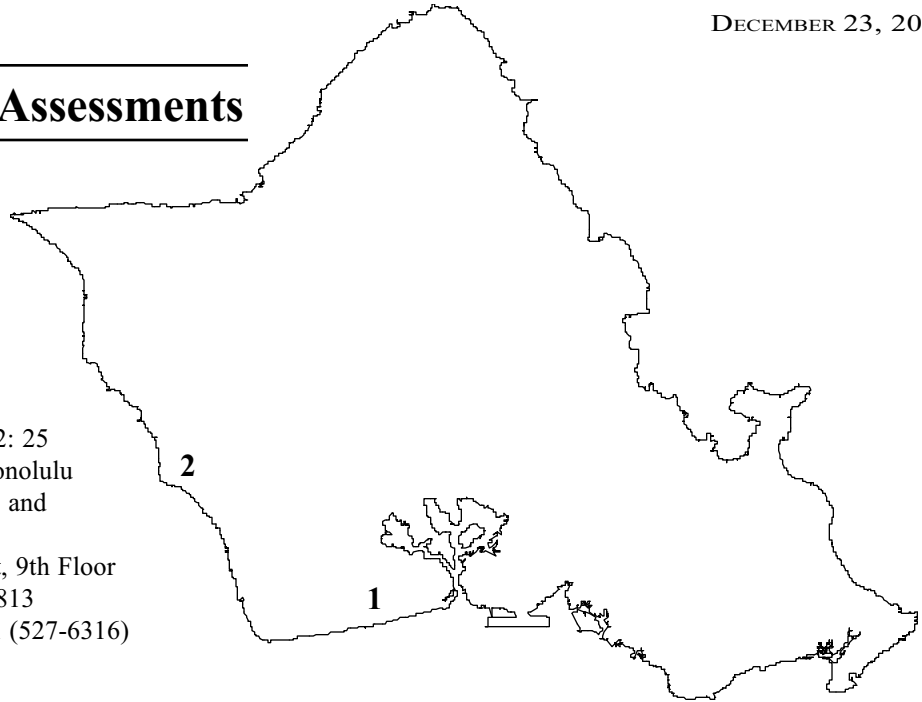
Approving Agency/Accepting Authority: Same as above.
Consultant: Wilson Okamoto & Associates, Inc.
1907 South Beretania Street, Suite 400
Honolulu, Hawai'i 96826
Contact: Earl Matsukawa (946-2277)

Public Comment
Deadline: January 22, 2001
Status: DEA First Notice pending public comment.
Address comments to the applicant with copies to the consultant and OEQC.

Permits Required: SMA, building, grading

The City and County of Honolulu Department of Design and Construction has prepared a Master Plan for One'ula Beach Park in anticipation of receiving an additional 9.365 acres of beachfront land adjacent to the existing park. The Master Plan proposes various improvements to the park and the expansion area in two phases. One'ula Beach Park is adjacent to Barbers Point.

Phase I consists of realigning the access road, relocating the multi-purpose field, additional parking, comfort stations, ADA beach access, and landscaping. Phase II improvements to the 9.365-acre expansion area will include a new multi-purpose community/recreation center, picnic and camping site, additional parking, comfort station, ADA beach access, and landscaping.



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



(2) Nanaikapono Subdivision Upgrades

District: Wai'anae
TMK: 8-9-06
Applicant: Department of Hawaiian Home Lands
1099 Alakea Street, 12th Floor
Honolulu, Hawai'i 96813
Contact: Patrick Young (586-3918)

Approving Agency/Accepting Authority: Same as above.
Consultant: Earth Tech
700 Bishop Street, Suite 900
Honolulu, Hawai'i 96813
Contact: Douglas Lee (523-8874)
Status: FEA/FONSI issued, project may proceed.

The Department of Hawaiian Home Lands (DHHL) proposes to upgrade the basic infrastructure for the property makai or seaward of Farrington Highway in a portion of the Nanaikapono Lots in Nanakuli. Improvements shall include,

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but not be limited to roadway, drainage, sewer, and water systems; traffic control facilities; and overhead electrical, telephone, and street lighting systems. Completion of the project will result in infrastructure systems that conform to current City and County of Honolulu standards and requirements.

There are 52 homestead houselots within the project area. No additional homes or houselots are proposed to be added as part of the proposed action. Laumania, Pohakunui, Piliokahi and Ke'aulana Avenues will be upgraded to 24-foot-wide, two-lane paved roads with curbs, gutters, turn-arounds and wheelchair ramps. Driveway aprons and lot driveway adjustments and transitions will be provided as required. Traffic improvements include signalization at the Piliokahi Avenue and Farrington Highway intersection, roadway signage, and pavement markings.

Completion of the project will result in adjusted and/or relocated water lines with fire hydrants and valves, new sewer lines with manholes and new drain lines with catch basins. Drain lines will be realigned to allow storm water discharge at two locations: an outlet located within the adjacent Nanakuli Beach Park and a new outlet located within the immediately adjacent Piliokahe Beach Park. For waterline extension, a new water line section will be installed and connected to the existing line at the intersection of Piliokahi and Pohakunui Avenues.

National Environmental Policy Act



(3) Routine Training at Makua Military Reservation (MMR) and PFC Pilila'au Range Complex (Supplemental EA and FONSI)

District: Wai'anae
Applicant: 25th Infantry Division (Light) and U.S. Army, Hawai'i
Schofield Barracks, Hawai'i 96857-5013
Contact: Peter Yuh, Jr. (656-2878 x 1051)

Public Comment Deadline: January 22, 2001

The United States Army Hawaii has completed a National Environmental Policy Act (NEPA) Supplemental Environmental Assessment (SEA) for its proposed return to routine training at Makua Military Reservation (MMR). Under the proposal, the Army would resume the use of its Company Combined Arms Assault Course at MMR, but would reduce use from its full capacity. In addition, the proposed action includes implementation of a comprehensive Wildland Fire Management Plan, preparation of a stabilization plan to protect endangered species, cultural resources preservation measures, and land rehabilitation and awareness projects under the Integrated Training Area Management Program.

The SEA evaluated the effects of the proposed action on land use, soils and geology, vegetation and wildlife, cultural resources, air quality, noise environment, transportation, socioeconomics, environmental justice, and cumulative impacts. Upon completing the environmental impact analysis process, the SEA concluded that impacts resulting from the proposed action, when combined with proposed mitigation, would not have a significant adverse impact on the environment. The Army has therefore prepared a Finding of No Significant Impact (FNSI) for the resumption of routine training.

Copies of the SEA and FNSI will be available for public review at the Wai'anae Public Library, Pearl City Regional Library, and the Hawai'i State Library. The Army will be holding a public meeting on Wednesday, January 17, 2001, to receive comments on the EA and FONSI. The meeting will be held at 7:00 p.m. at the Wai'anae Army Recreation Center.

Deadline for receiving public comments on the SEA and FNSI is January 22, 2001. Comments should be sent to: Peter Yuh, Jr., NEPA Coordinator, Directorate of Public Works, U.S. Army Garrison, Hawaii, Schofield Barracks, HI 96857-5013, phone: 656-2878 x 1051, fax: 656-1039, email: yuhp@schofield.army.mil.

Previously Published Projects Pending Public Comments

Draft Environmental Assessments

Harbor Services Industrial Subdivision

Applicant: Phoenecian, LLC
Contact: Fred Anawati (682-1333)

Public Comment Deadline: January 8, 2001

Draft Environmental Assessments



(1) Kahui Pono Roadway Access Easement

District: Makawao
TMK: 2-9-002: 017
Applicant: Kahui Pono, L.L.C.
P.O. Box 1914
Makawao, Hawai'i 96768

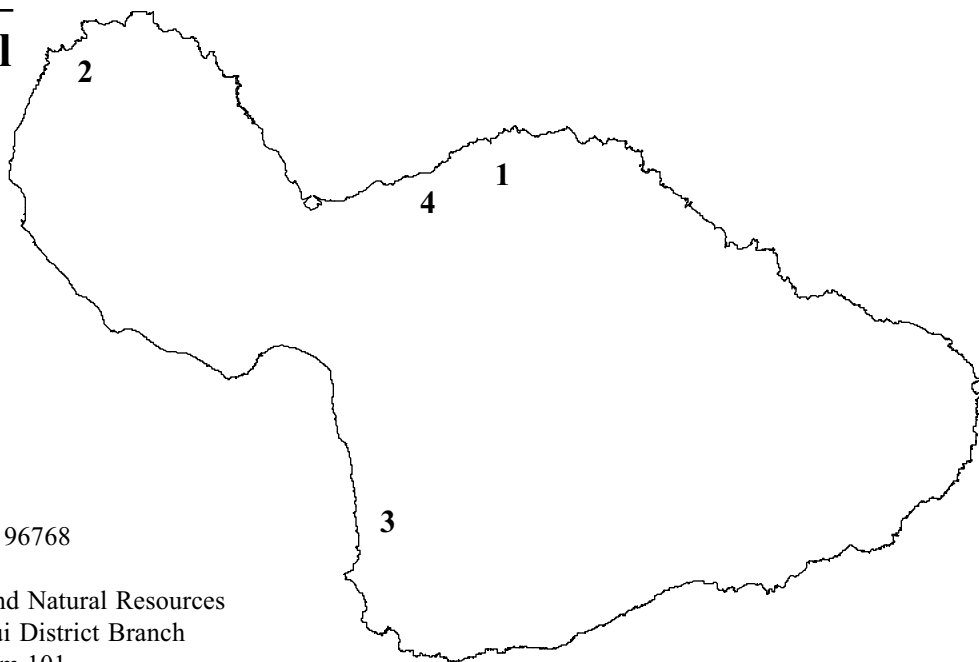
Approving Agency/Accepting Authority: Department Land and Natural Resources
Land Division, Maui District Branch
54 High Street, Room 101
Wailuku, Hawai'i 96793
Contact: Louis H. Wada (984-8101)

Consultant: Chouteau Consulting
3620 Baldwin Avenue, Suite 105
Makawao, Hawai'i 96768
Contact: Michele Chouteau (572-2233)

Public Comment Deadline: January 22, 2001
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: Grading, SMA minor

Kahui Pono, L.L.C., recently purchased TMK No. 2-9-002: 021. Parcel 21 is currently vacant and undeveloped, and does not presently have lawful, recorded roadway access. In order to access parcel 21 by vehicle, Kahui Pono must obtain easements across at least two other parcels. If easements are obtained, then parcel 21 could be accessed from Hana Highway, to Honokala Road, to Hoolawa Road. Honokala Road extends makai from Hana Highway approximately one-half mile east of Twin Falls and approximately 2.6 miles east of the intersection of Hana Highway and Kaupakalua Road. Parcel 35 is situated on Hoolawa Road approximately 1.7 miles from Hana Highway.



The proposed access to parcel 21 would cross TMK Nos. 2-9-002: 035 and 017. This access is proposed because it is topographically feasible and it creates little or no disruption to the current use of either parcel. The proposed access would be a gravel roadway, approximately 24 feet wide and 400 feet long, comprising a total of approximately 0.231 acres.

Kahui Pono has successfully obtained an easement across parcel 35, which creates access between Hoolawa Road and parcel 17. Access to parcel 21 could then be accomplished by obtaining a similar easement from parcel 35 across parcel 17. The subject property is located in Haiku.



(2) Napili Villas

District: Lahaina
TMK: 4-3-03:110, 122 and 123
Applicant: General Services, Inc.
Pauahi Tower, Suite 1570
1001 Bishop Street
Honolulu, Hawai'i 96813
Contact: Kathy Inouye (524-1508)

Approving Agency/Accepting Authority: County of Maui
Maui Planning Commission
250 South High Street
Wailuku, Hawai'i 96793
Contact: Colleen Suyama (270-7735)

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Consultant: Munekiyo, Arakawa & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawai'i 96793
Contact: Michael Munekiyo (244-2015)

Public Comment

Deadline: January 22, 2001
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, NPDES, Noise, Grading, Building, ROW, Subdivision Approval

The applicant, General Services, Inc., proposes the development of the Napilihau Condominiums, a project consisting of 184 townhouse units and related improvements at Napilihau, Maui, Hawai'i. The project site, which is presently undeveloped, consists of approximately 13.0 acres and is predominantly vegetated with weeds and grasses.

The applicant proposes the development of 184 two- and three-bedroom townhouse units ranging in size from about 840 to 1,250 square feet which are to be contained in 26 separate four- and eight-plex buildings. Access to the subject property will be provided via Hanawai Street and Honoapi'ilani Highway. The access on Honoapi'ilani Highway will be limited to right-turn in, right-turn out traffic movements only.

In connection with the development of the townhouse units, an approximately 1.4-acre park, which will also be used for drainage detention purposes is proposed, as well as parking, landscaping, and landscape irrigation improvements. Additionally, the construction of traffic and drainage system improvements is proposed, as well as the installation of utility lines for water, sewer, electrical, telephone, and cable television services.

The estimated cost of the proposed project is approximately \$32.0 million. Construction of the project is expected to commence upon the receipt of all applicable regulatory permits and approvals.

Since the proposed project involves the use of State lands (Honoapi'ilani Highway right-of-way) for traffic and drainage system improvements, an Environmental Assessment has been prepared as required by Chapter 343, Hawai'i Revised Statutes.

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



(3) Lucky Seven Development Subdivision

District: Wailuku
TMK: 2-1-23:01
Applicant: Lucky Seven Development, LLC
P.O. Box 220
Kihei, Hawai'i 96753
Contact: Becky Collins (874-5263)

Approving Agency/Accepting

Authority: County of Maui
Department of Public Works & Waste Management
200 South High Street
Wailuku, Hawai'i 96793
Contact: David Goode (270-7845)

Consultant: Munekiyo, Arakawa & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawai'i 96793
Contact: Gwen Ohashi Hiraga (244-2015)

Status: FEA/FONSI issued, project may proceed.

Permits Required: SMA, Subdivision Approval, NPDES, Construction Permits

Lucky Seven Development, LLC proposes the development of a seven lot subdivision and related improvements at Palauea, Maui. The property is undeveloped and is bordered by two County roadways, Makena Alanui to the east and Old Makena Road (a.k.a., Keone'o'io, Makena) to the south and west, as well as an undeveloped parcel to the north. The property is located in the State "Agricultural" district and is designated "Agriculture" and "Agricultural" by the Kihei-Makena Community Plan and Maui County zoning, respectively. The site also falls within the limits of the Special Management Area for the island of Maui.

The proposed subdivision will encompass an area of approximately 23.1 acres and involve the creation of seven agricultural lots ranging in size from 2.4 to 4.3 acres. Preliminarily, the proposed subdivision improvements include:

1. Clearing, grubbing, and grading in accordance with drainage and setback criteria, as well as work needed for stormwater retention purposes;

2. Installation of street tree plantings, as well as utility lines to serve each of the lots;

3. Construction of driveway aprons to provide the lots with access to Makena Alanui or Old Makena Road; and

4. Improvements to Makena Alanui and Old Makena Road as may be required by the County Department of Public Works and Waste Management.

Since the proposed action involves the use of County lands (roadway right-of-way) for the installation of utility lines within Makena Alanui and Old Makena Road, an Environmental Assessment has been prepared as required by Chapter 343, Hawai'i Revised Statutes.



(4) Pa'ia Town Retail/Commercial Building (Former Oda Tailor Shop)

District: Makawao
TMK: 2-6-06:14
Applicant: Auku'u Consulting
P.O. Box 33
Makawao, Hawai'i 96768
Contact: Hugh Starr (573-0081)

Approving Agency/Accepting Authority: County of Maui
Department of Planning
250 South High Street
Wailuku, Hawai'i 96793
Contact: Julie Higa (270-7735)

Consultant: Auku'u Consulting
P.O. Box 33
Makawao, Hawai'i 96768
Contact: Hugh Starr (573-0081)

Status: FEA/FONSI issued, project may proceed.

The landowner proposes to construct a new plantation-style, two-story retail/commercial building in Lower Pa'ia-Town, on the island of Maui, at the site of a former retail commercial building destroyed by fire. The building will front Baldwin Avenue, filling a gap between two existing

commercial buildings. The present plan is to remove the existing wood-frame dwelling from the rear of the site, in order to accommodate seven to ten off-street parking stalls at the rear of the building.

The landowner plans to construct the new building over the site of the original Oda Tailor Shop, creating floor dimensions similar to that building, approximately 30'X43'.

The Pa'ia-Ha'iku Community Plan designates the subject property for Single-Family Residential use, however the immediately adjacent properties on both the makai (north) and the mauka (south) sides of the subject property are designated Business/Commercial. In addition both properties are zoned Business Country Town, and on each of them are existing, active retail/commercial structures and uses.

The proposed project has two requirements:

1. An amendment to the Pa'ia-Ha'iku Community Plan from Single-Family Residential to Business/Commercial, with an Environmental Review as required under Chapter 343 of the Hawai'i Revised Statutes.

2. A Change-in-Zoning from county interim to Business Country Town District.

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(1) Kulani Correctional Facility Greenhouse Construction and Improvements

District: South Hilo
TMK: 2-4-08-9
Applicant: Department of Public Safety
Kulani Correctional Facility
HCI Stainback Highway
Hilo, Hawai'i 96720
Contact: Peter MacDonald (935-3758)

Approving Agency/Accepting

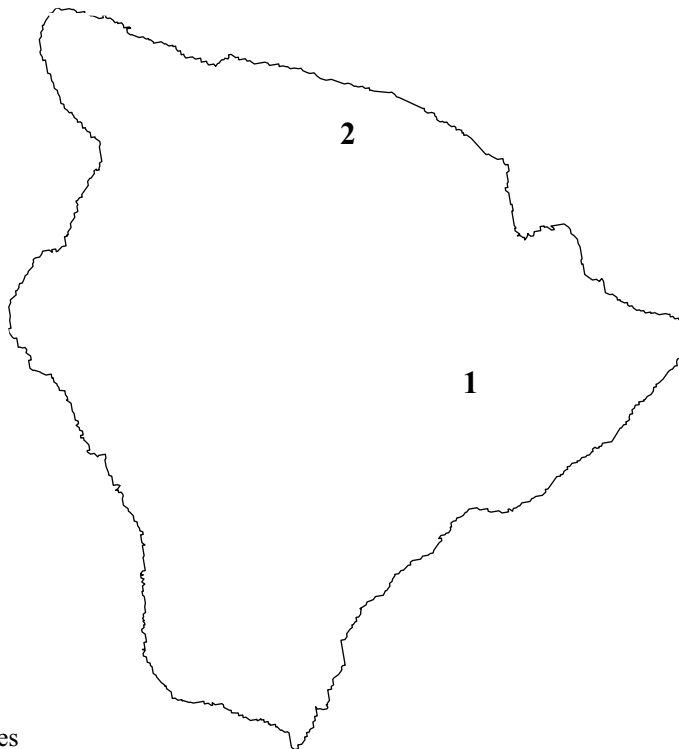
Authority: Department of Land and Natural Resources
1151 Punchbowl Street
Honolulu, Hawai'i 96813

Consultant: 'Ola'a-Kilauea Partnership
P.O. Box 52
Hawaii National Park, Hawai'i 96718
Contact: Tanya Rubenstein (985-6197)

Public Comment

Deadline: January 22, 2001
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.

The Department of Public Safety is proposing the construction of a greenhouse (24' x 94') at Kulani Correctional Facility (KCF). The project includes construction of a water tank (10,000 gallons) and a fence (925 ft) surrounding the greenhouse complex. Additional smaller structures may be built off the proposed greenhouse to provide an extended growing area and storage for tools and materials. The purpose of the project is to propagate and outplant native plants with the goals of forest restoration, production of native agro-forestry crops (e.g. maile, berries, teas, plants for lei-making and landscaping), and education and work training for inmates. Two additional greenhouses are proposed for the same general site at some point in the future as funding becomes available. The purpose of these additional greenhouses will be for training inmates in horticulture and production of vegetables and other agricultural products.



(2) Papa'aloa Homesteads Forest Stewardship Project

District: Hamakua
TMK: 3-3-5-01-75
Applicant: Christian Giardina & Ingrid Dockersmith
1456 Wailuku Drive
Hilo, Hawai'i 96720
Contact: Christian Giardina (969-6991)

Approving Agency/Accepting Authority: Department of Land and Natural Resources
Division of Forestry and Wildlife
1151 Punchbowl Street, Room 325
Honolulu, Hawai'i 96813
Contact: Karl Dalla Rosa (587-4174)

Public Comment

Deadline: January 22, 2001
Status: DEA First Notice pending public comment. Address comments to the applicant with copies to the approving agency or accepting authority and OEQC.

The primary management objective of this Forest Stewardship project is to establish a stand of high-value hardwood trees for sustainable small-scale timber production. Approximately 7000 tree seedlings will be planted on the 17.15 acre property in the Laupahoehoe area at an initial spacing of 3 meters by 3 meters. All site preparation, site preparation and seedling maintenance activities will be carried out in accordance with currently approved DLNR-DOFAW Best Management Practices (BMP's) to minimize soil erosion and any other negative environmental impacts. Following site preparation, herbicide treatment will be minimized by spot spraying aggressive weeds when necessary. All tree seedlings will be planted and maintained in rows that follow natural elevation contours. Species to be planted include: *Acacia koa*, *Albizia saman*, *Dalbergia sissoo*, *Eucalyptus cloeziana*, *E. deglupta*, *E. dunnii*, *E. microcorys*, *Khaya senegalensis*, *Pterocarpus indicus*, *Swietenia macrophylla*, and *Tectona grandis*. The property

landscape will be improved environmentally and aesthetically, as degraded pasture and remnant sugar cane will be replaced by a healthy forest consisting of a variety of species. All future harvesting activities will be carried out in relatively small blocks that will be immediately replanted to maintain continuous tree cover on the property.

Previously Published Projects

Pending Public Comments

Draft Environmental Assessments

Kona Inn Shopping Village Improvements

Applicant: Kailua Kona Village Development Group
Contact: Robert D. Triantos (329-6464)

Public Comment

Deadline: January 8, 2001

National Environmental Policy Act

Kingman Reef National Wildlife Refuge

Applicant: U.S. Department of the Interior
Fish and Wildlife Service
Pacific Islands Refuge Planning Office
Box 50088, Honolulu, Hawai'i 96850
Contact: Phyllis Ha (541-2749)

Approving Agency/Accepting

Authority: Regional Director
U.S. Fish and Wildlife Service
Region 1
Portland, Oregon

Public Comment

Deadline: January 11, 2001

Permits Required: Compliance with applicable Federal authorities including review under section 7 of the Endangered Species Act.

The U.S. Fish and Wildlife Service (Service) is proposing to establish a National Wildlife Refuge (Refuge) at Kingman Reef, in the Line Islands. Located in the central Pacific Ocean approximately 900 miles south of Hawai'i and 6 degrees north of the equator, Kingman Reef is one of the most pristine coral reef atoll ecosystems in the Pacific. Crystal clear oceanic waters and vibrant coral reefs support a spectacular diversity of corals and other marine invertebrates, algae, fishes, marine mammals, sea turtles, and migratory

seabirds. Submerged and partially exposed coral reefs surround a central lagoon. An Environmental Assessment (EA) for the proposed Kingman Reef National Wildlife Refuge is available for public review. Comments must be received by January 11, 2001 to be considered.

The EA evaluates two alternatives. Under Alternative A, the No-Action alternative, a Refuge would not be established at Kingman Reef and controls on access would continue. No active long-term conservation would be implemented. Under Alternative B, the Service's preferred alternative, a Refuge boundary would be approved that would include the lagoon, emergent lands, coral reefs, and other submerged lands and associated waters seaward to 12 nautical miles from the reefs that are exposed at low tide.

A Conceptual Management Plan is included in the EA and describes natural resource management programs including monitoring, habitat enhancement projects, recovery of endangered and threatened species, and other activities designed to conserve the habitats and fish and wildlife resources of the Refuge in perpetuity. Although public use is not proposed at this time, the Service would consider opportunities for future compatible public visitation during the development of a Comprehensive Conservation Plan (CCP). During the interim, low levels of access for compatible uses would be considered on a case-by-case basis by the Refuge Manager and coordinated with the public and regulatory agencies, as appropriate.

Kaua'i Notices

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

(1) Waimea Wastewater Treatment Plant Backup Injection Well

District: Waimea
TMK: 1-2-06:37
Applicant: County of Kaua'i
Department of Public Works
4444 Rice Street, Suite 500
Lihu'e, Hawai'i 96766
Contact: Harry Funamura (241-6610)

Approving Agency/Accepting

Authority: Same as above.
Consultant: Austin Tsutsumi & Associates, Inc.
501 Sumner Street, Suite 521
Honolulu, Hawai'i 96817
Contact: Ivan Nakatsuka (533-3646)

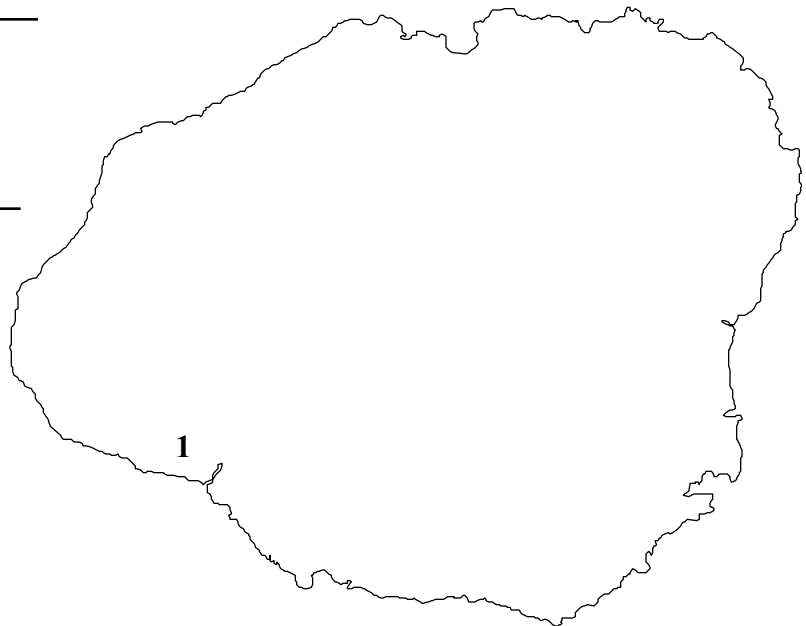
Status: FEA/FONSI issued, project may proceed.

Permits

Required: UIC, NPDES

The primary method of effluent disposal from the Waimea Wastewater Treatment Plant (WWTP) will be continued irrigation reuse. The effluent is discharged into Kikiaola Land Company Ltd's (Kikiaola's) lower of two existing reservoirs. Water from Kikiaola's upper reservoir – which receives water from an irrigation ditch and storm water – discharges into the lower reservoir, where it is mixed with the effluent, prior to use as irrigation water. The proposed action is to construct one effluent injection well at the site of Kauai County's Wastewater Pump Station (WWPS) 'A'. The well will be used for backup disposal of treated effluent from the Waimea WWTP. The injection well will only be used when Kikiaola is unable to accept disposal of the treated effluent in their reservoir, e.g., due to rainy weather, when irrigation with the effluent would not be practical.

Two alternatives for the injection well are being considered. The first alternative (Alternative A) would involve drilling a shallow well (less than 400 feet deep) in the caprock, for effluent injection above the Napali basalt aquifer.



The caprock will be tested during well drilling to determine if there is a shallow formation that can successfully receive the effluent. If testing determines that there are no shallow layers of material adequate for effluent injection, then the second alternative (Alternative B) would involve drilling the well 600± feet into the basalt aquifer for effluent injection.

The backup well will have a proposed maximum discharge capacity of 1,000,000 gallons per day (gpd). This discharge rate would accommodate diurnal and seasonal variations in flow of relatively short duration. The proposed average discharge capacity will be 300,000 gpd, which is the same as the average capacity of the WWTP.

A proposed 12-inch pipe along the existing dirt road between the WWTP and WWPS 'A' will convey disinfected secondary effluent from the WWTP to the backup injection well. This pipe will be buried at least three feet below grade.

If the injection well is drilled into the basalt aquifer (Alternative B), then a monitoring well will be constructed in the northeast corner of the WWTP. This well would be used to monitor any upgradient migration of the effluent plume. If a shallow injection well is drilled (Alternative A), then a monitoring well will not be necessary.

Shoreline Notices

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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 (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
MA-069-2	11/29/00	Portion of Land Commission Award 11215, Apana 21 to M. Kekauonohi, land situated at Palauea & Keauhoa, Honuaula, Maui, Hawaii (Vacant - South end of Kihei Road) Purpose: <u>Determine Building Setback</u>	Newcomer-Lee Land Surveyors, Inc., for George Ferreira	2-1-12: 03 & 04
HA-237	11/29/00	Parcel 1 and 6 of Kukio Phase 1-A file plan 2285, Grant 2121 to Pupule, land situated at North Kona, Hawaii (Vacant) Purpose: <u>Development</u>	Sam O. Hirota, Inc., for W. B. Kukio Resorts, LLC	7-2-04: 05
OA-799	12/06/00	Lot 21, Section "C", Kawailoa Beach Lots, land situated at Kawailoa, Wailua, Island of Oahu, Hawaii (61-401 Kamehameha Highway) Purpose: <u>Building permit</u>	Walter P. Thompson, Inc., for James Haas	6-1-08: 02
OA-235-2	12/11/00	Lot 1059 as shown on Map 253, Land Court Application 677, land situated at Kaneohe, Koolaupoko, Island of Oahu, Hawaii (602 Kaimalino Place) Purpose: <u>Determine Building Setback</u>	Jaime F. Alimboyoguen, for Charles Struve	4-4-39: 21
HA-075-2	12/12/00	Portion of Grant 3019 to Kaaipulu (W) and portion of R. P. 3814, Land Commission Award 9235-B, Apana 2 to Haki, portion of Kailua-Keauhou Beach Road at Kapalaalaea 2 nd , North Kona, Island of Hawaii, Hawaii (Vacant) Purpose: <u>Building Permit</u>	Don McIntosh Consulting, for Douglas Leopold	7-7-10: 05
OA-239-2	12/12/00	Lots 4, 4-A, 5 and 5-A Kahala Subdivision and Portion of R. P. 7721, Land Commission Award 228, Apana 2 to Kaleiheana, land situated at Kahala, Honolulu, Island of Oahu, Hawaii (4607 Kahala Avenue) Purpose: <u>Permit for fence</u>	DJNS Surveying & Mapping, Inc., for Alteka Co. Ltd. (Michinori Matsumura)	3-5-05: 16
OA-800	12/15/00	Lot 86 Land Court Application 979 and parcel 10 filled land of Kaneohe Bay, Kaneohe, Island of Oahu, Hawaii (47-113 Kamehameha Highway) Purpose: <u>New construction</u>	DJNS Surveying & Mapping & Mapping, Inc., for Douglass Pang	4-7-19: 71
MA-087-2	12/15/00	Lot 10-A-2 of Land Court Application 1846, Map 6, portion of Grant 234 to Linton L. Torbert & William Wilcox, land situated at Waipao, Kalihi, Honuaula, Makawao, Maui, Hawaii (96 Makena Road) Purpose: <u>Building permit</u>	Akamai Land Surveying, Inc., for Hugh Farrington	2-1-07: 96
HA—238	12/15/00	Lot 5 Alohi Kai' Subdivision, portion of Land Commission Award 9971, Apana 28 to W. P. Leleiohoku, land situated at Kaumalumu, North Kona, Island of Hawaii, Hawaii (Vacant) Purpose: <u>Agreement of Sale –Buyer proposes to build within the next year</u>	Don McIntosh Consulting, Inc., for Alohi Kai Partnership	7-7-24: 05

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Shoreline Certifications and Rejections

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

Case No.	Cert/Rej Date	Location	Applicant	Tax Map Key
KA-154	Certified 12/08/00	Lot 3 of Wainiha Subdivision II, being a portion of File Plan 1840 land situated at Wainiha, Halelea, Kauai, Hawaii (Makai of Alealea - Vacant) Purpose: <u>Building Permit</u>	Esaki Surveying and Mapping, Inc., for Joseph Brescia	5-8-09: 42
HA-146-2	Certified 12/08/00	Being a portion of Grant 1001 to Kamakaimoku, situated at Oneloa, Puna, Island of Hawaii, Hawaii (Pohoiki Park) Purpose: <u>Re-certification</u>	County of Hawaii Department of Parks and Recreation, for James Alfred Lee Trust	1-4-02: 08
HA-172-2	Certified 12/08/00	Portion of R.P. 7523, Land Commission Award 4452, Apana 4 to H. Kalama, land situated at Anaehoomalu, South Kohala, Hawaii, Hawaii (Vacant) Purpose: <u>Determine building setback</u>	Wes Thomas Associates, for Nikken Corporation	6-9-07: 15
OA-795	Certified 12/8/00	Lot 14-A and portion of Lot "A", being a portion of R. P. 5583, Land Commission Award 2937 to W. Harbottle, land situated at Panahana & Malae, Kaneohe, Island of Oahu, Hawaii (283 and 285 Kaneohe Bay Drive) Purpose: Improvements	Towill, Shigeoka & Associates, Inc., for John King	4-4-07 & 08
HA-236	Certified 12/13/00	Lot 15, Kapoho Beach Lots Subdivision Extension II - Alapai Point Section File Plan 579, Portion of R.P. 4497 and Land Patent 8177, Land Commission Award 8559, Apana 5 to C. Kanaina, land situated at Kapoho, Puna, Island of Hawaii, Hawaii (Vacant) Purpose: <u>Planning to build a single family residence</u>	Sven Goldmanis	1-4-27: 01
OA-355-2	Certified 12/08/00	Lot 361 of Land Court Application 1069 (Map 61), Land situated at Honouliuli, Ewa, Island of Oahu, Hawaii (92-301 Farrington Highway) Purpose: <u>Permit for improvements</u>	R. M. Towill Corporation, for City and County of Honolulu	9-2-03: 15
KA-139-2	Certified 12/08/00	Lot 173 and 174 of Land Court Application 956 and Lot 2 of Land Court Application 1801, land situated at Koloa, Island of Kauai, Hawaii (2249 Poipu Road) Purpose: <u>Building Permit</u>	ControlPoint Surveying, Inc., for Marriott Waiohai Hotel	2-8-17: 07. 08 and 20
OA-792	Certified 12/08/00	Lot 2-A of Maunalua Bay View Lots Subdivision Unit 1 File Plan 750 Parcel A, situated at Maunalua, Honolulu, Island of Oahu, Hawaii (569 Portlock Road) Purpose: <u>Determine building setback</u>	Sam O. Hirota, Inc., for Michael Alfant	3-9-26: 04

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Case No.	Cert/Rej Date	Location	Applicant	Tax Map Key
KA-153	Certified 12/13/00	Lot 1 (Map 1) of Land Court Consolidation 175 and Portion of Lot 5 (Map 7) Land Court Application 937, situated at Kikiaola, Waimea, Kauai, Hawaii (Kaunualii Highway) Purpose: <u>Improvements</u>	Towill, Shigeoka & Associates, Inc., for Kikiaola Land Co.	1-2-06: 03 & 41
OA-793	Certified 12/08/00	Lots 32A and 32-B-1, Kahala Cliffs, situated at Honolulu, Island of Oahu, Hawaii (4375 Royal Place) Purpose: <u>Improvements</u>	Towill, Shigeoka & Associates, Inc., for Nippon Housing Loan Co. Ltd	3-5-02: 05
OA-231	Certified 12/13/00	Lot 7-A (Map 5) Land Court Application 772, situated at Laie, Koolauloa, Island of Oahu, Hawaii (55-311 Kamehameha Hwy) Purpose: <u>Conservation District Permit</u>	Sam O. Hirota, Inc., for Chip Westly	5-5-02: 37
MA-233	Certified 12/08/00	Lot 4-A of Pryor Subdivision, Lot B of Lindberg Subdivision, R. P. 3526, Land Commission Award 10157 to Moeloa situated at Maulili, Kipahula, Hana, Island of Maui, Hawaii Purpose: <u>Subdivision Approval</u>	Valera, Inc., for Michael E. Love	1-6-09: 003, 004 & 022
MA-178	Certified 12/08/00	Lot 45 of the Waiohuli - Keokea Beach Lots (Second Series), situated at Waiohuli-Keokea, Kihei, Island of Maui, Hawaii (1710 Halama Street) Purpose: <u>Obtain County Building Permit</u>	Akamai Land Surveying, Inc., for Robert and Nancy Dein	3-9-11: 005

Coastal Zone News

DECEMBER 23, 2000

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 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:

David W. Blane, Director
Office of Planning
Department of Business, Economic Development and Tourism
P.O. Box 2359
Honolulu, Hawai'i 96804

Or, fax comments to the Hawaii CZM Program at 587-2899.

(1) Construct a Storm Drain Outlet at Bishop Point, Pearl Harbor, O'ahu

Federal Action: Direct Federal Activity
Federal Agency: Navy Region Hawai'i
Federal Permitting Agency:

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

Location: Bishop Point, Pearl Harbor
CZM Contact: John Nakagawa, 587-2878

Proposed Action:

Construct a storm drainage system with a 15-inch outlet pipe that will protrude 2 feet over the water from a concrete bulkhead under a wharf. The drain outlet includes the installation of a slip-on tide flex check valve with no support structures required on the ocean side and no dredging or filling in the ocean. The navy has issued a CZM federal consistency negative determination stating that, "Coastal Zone Management Consistency Determinations are not applicable for actions of this type."

Pollution Control Permits

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 Date	Proposed Use
Clean Air Branch, 586-4200, Covered Source Permit	West Hawaii Concrete CSP 0261-01-C	Kamuela Quarry, Hawaii	Issued: 11/24/00	700 TPH Stone Quarrying & Processing Plant
Clean Air Branch, 586-4200, Covered Source Permit	Jas. W. Glover, Ltd. CSP 0257-01-C	Kaunualii Highway at Halfway Bridge, Puhi, Kauai	Comments Due: 1/18/01	312 TPH Stationary Crushing and Screening Plant with Diesel Engine Generator and 660 TPH Portable Crushing and Screening Plant with Diesel Engine Generator
Clean Air Branch, 586-4200, Covered Source Permit	Hawaiian Electric Company, Inc. CSP 0239-01-C	Waiau Generating Station, Pearl City, Oahu	Comments Due: 1/18/01	Six (6) Boilers and Two (2) Combustion Turbines

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Branch & Permit Type	Applicant & Permit Number	Project Location	Pertinent Dates	Proposed Use
Safe Drinking Water Branch, 586-4258, UIC Permit	Volcano Art Center UH-2102	Volcano Art Center, Niaulani, Ph-1 Old Volcano Road, Volcano Village, Puna	Comment by 1/17/2001	Construction of 4 injection wells for surface drainage.
Safe Drinking Water Branch, 586-4258, UIC Permit	Department of Public Works County of Hawaii UH-1399	Banyan Sewage Pump Station Banyan Drive, South Hilo	n/a	Permit renewal of one injection well for emergency sewage overflow.
Safe Drinking Water Branch, 586-4258, UIC Permit	Department of Public Works County of Hawaii UH-1400	Onekahakaha Sewage Pump Station Apapane St., South Hilo	n/a	Permit renewal of one injection well for emergency sewage overflow.
Safe Drinking Water Branch, 586-4258, UIC Permit	Department of Public Works County of Hawaii UH-1401	Kolea Sewage Pump Station Kalaniana'ole St., South Hilo	n/a	Permit renewal of one injection well for emergency sewage overflow.
Safe Drinking Water Branch, 586-4258, UIC Permit	Department of Public Works County of Hawaii UH-1404	Old Kona Airport Injection Well Kuakini Hwy., Kailua-Kona	n/a	Permit renewal of one injection well for emergency reuse water overflow.
Safe Drinking Water Branch, 586-4258, UIC Permit	State of Hawaii Housing and Community Dev. Corp. of Hawaii UH-1435	Kealakehe Low Rent Public Housing 74-991 Manawalea St., Kailua-Kona	n/a	Permit renewal of 17 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258 UIC Permit	State of Hawaii Housing and Community Dev. Corp. of Hawaii UH-1706	Kaimalino Public Housing 74-5060 Kealakaa St., Kailua-Kona	n/a	Permit renewal of 12 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258, UIC Permit	Association of Apartment Owners, UO-1247	Sunset Beach Vista 59-043 Huelo St., Haleiwa	n/a	Permit modification of 2 injection wells for change-of-operator.
Safe Drinking Water Branch, 586-4258, UIC Permit	Airport Group International, Inc., UO-1239	Hawaii Fueling Facilities Corporation, Lot No. 3 50 Sand Island Access Rd.	n/a	Abandonment of one injection well for hydrotest water.
Safe Drinking Water Branch, 586-4258, UIC Permit	Airport Group International, Inc., UO-1238	Hawaii Fueling Facilities Corporation, Satellite Plant No. 1 3201 Aolele Place, Honolulu	n/a	Permit renewal of one injection well for industrial wastewater.
Safe Drinking Water Branch, 586-4258, UIC Permit	Airport Group International, Inc., UO-1238	Hawaii Fueling Facilities Corporation, Satellite Plant No. 1 3201 Aolele Place, Honolulu	n/a	Permit modification of 1 injection well for groundwater remediation wastewater.
Safe Drinking Water Branch, 586-4258, UIC Permit	Department of Public Works County of Kauai UK-1212	Eleele Wastewater Treatment Plant 4440 Waialo Road, Eleele, Koloa	n/a	Permit renewal of 4 injection wells for sewage disposal.
Safe Drinking Water Branch, 586-4258, UIC Permit	Marriott Ownership Resorts, Inc., a Delaware Corporation; UK-2103	Marriott's Waiohai Beach Club Poipu Beach, Koloa	n/a	Construction of 24 injection wells for surface drainage.
Safe Drinking Water Branch, 586-4258, UIC Permit	Marriott Ownership Resorts, Inc., a Delaware Corporation; UK-2103E	Marriott's Waiohai Beach Club Poipu Beach, Koloa	n/a	Registration of one injection well for surface drainage.

Federal Notices

DECEMBER 23, 2000

Public Hearings on Permanent Coral Reserve in Northwestern Hawaiian Islands

President Clinton signed an Executive Order on December 4, 2000, establishing the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve pursuant to the National Marine Sanctuaries Amendments Act of 2000 (Act), and setting forth specific conservation measures that restrict activities throughout the Reserve and created Reserve Preservation Areas around various islands and banks within the Reserve where consumptive or extractive uses are prohibited except as otherwise specified in the Executive Order. Under the Act, closure areas may become permanent after adequate public review and comment. The President is seeking public comments on: making the Reserve Preservation Areas permanent; and on conservation measures for the Reserve. Comments postmarked no later than JANUARY 8, 2000, may be mailed to Mr. Roger Griffis, NOAA, Office of Policy and Strategic Planning, Room 6117, 14th & Constitution Avenue NW, Washington, D.C. 20230-001 or sent by electronic mail to hawaiicomments@noaa.gov or submitted electronically via the Internet at the website hawaiiireef.noaa.gov (see 65 F.R. 77222, December 8, 2000).

Call for Applicants to the Coral Reef Ecosystem Reserve Council

The National Marine Sanctuary Program is seeking applicants for the following seats on the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve Council: three native Hawaiian representatives, including one kupuna with experience or knowledge regarding native Hawaiian subsistence, cultural, religious or other activities in the Northwestern Hawaiian islands; three representatives from the non-Federal science community with experience specific to the Northwestern Hawaiian Islands; three representatives from non-governmental wildlife/marine life, environmental and/or conservation organizations; one representative from the commercial fishing industry; one representative from the recreational fishing industry; one representative from the ocean-related tourism industry; one representative from the non-Federal community with experience in marine conservation education and outreach; and, one citizen at-large representative. Get application kits from Elizabeth Moore, National Marine Sanctuary System, 1305 East West Highway, N/ORM6, Room 11642, Silver Spring, Maryland 20910 or online at <http://hawaiiireef.noaa.gov>. Completed applications must be postmarked NO LATER THAN DECEMBER 29, 2000, and sent to the same address above (see 65 F.R. 77227, December 8, 2000).

Critical Habitat Proposed for the Islands of Maui and Kaho'olawe

The U.S. Fish and Wildlife Service (FWS) is proposing critical habitat designations for a total of 50 species in 52 units on Maui and 4 units on Kaho'olawe on a total of 33,614 acres. A complete listing of the plant taxa and areas affected can be found in the Federal Register notice cited below. All requests for a public hearing on this matter must be received by FWS by FEBRUARY 1, 2001. All comments on the proposal must be received by FWS by FEBRUARY 16, 2001. Send comments and public hearing requests to: Field Supervisor, U.S. Fish and Wildlife Service, Pacific Islands Office, 300 Ala Moana Boulevard, P.O. Box 50088, Honolulu, Hawai'i 96850-0001. You may send comments by electronic mail to: mandk_crithab_pr@fws.gov. Call Paul Henson at (808) 541-3441 for more information (see 65 F.R. 79192, December 18, 2000).

Revised Final Rule for Historic Preservation

The Advisory Council on Historic Preservation, in response to litigation, has issued its final rule on the protection of historic properties which modifies the process by which Federal agencies consider their effects of their undertakings on historic properties and provide the Council with a reasonable opportunity to comment with regard to such undertakings. The final rule is effective JANUARY 11, 2001. If you have questions about the rule, please call Frances Gilmore or Paulette Washington at (202) 606-8508, or send electronic mail to regs@achp.gov. When calling or sending electronic mail, please state your name, affiliation and the nature of your question (see 65 F.R. 77698, December 12, 2000).

Experimental Use Permit for Transgenic Plant-Pesticide (Genetically-modified Corn).

The U.S. Environmental Protection Agency (EPA) announced the receipt of application 524-EUP-OU from Monsanto Company, 700 Chesterfield Parkway North, St. Louis, Missouri 63198, requesting an experimental use permit (EUP) for the plant-pesticide Cry2Ab protein and the genetic material necessary for its production in corn (Vector ZMBK28L).

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The program proposes genetically contained non-food-use testing from October 15, 2000 to November 15, 2001 on a total of 11,394 acres in the States of Alabama, Arkansas, California, Colorado, Florida, Georgia, Hawai'i, Iowa, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Mississippi, North Carolina, North Dakota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, Wisconsin, and the Commonwealth of Puerto Rico. Experimental trials are to (1) breeding and observation nursery, (2) agronomic and efficacy trials, and (3) seed increase for further regulatory testing. EPA has determined that the application may be of regional and national significance. Therefore, in accordance with 40 CFR 172.11(a), the Agency is soliciting comments on this application. Comments, identified by docket control number OPP-50874, must be received on or before JANUARY 19, 2001. Send your comments to Public Information and Records

Integrity Branch (PIRIB), Information Resources and Services Division (7502C), Office of Pesticide Programs (OPP), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460. To ensure proper receipt by EPA it is imperative that you identify docket control number OPP-50874 in the subject line on the first page of your response. For further details, call/write to Mike Mendelsohn, Biopesticides and Pollution Prevention Division (7511C), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave., NW, Washington, DC 20460; telephone number: (703) 308-8715; e-mail address: mendelsohn.mike@epa.gov (see 65 F.R. 79853, December 20, 2000).

He Mau Maka O Ka 'Aina



Kayaks at Ka'awaloa Landing, Kealakekua Bay

This photograph shows kayaks at Ka'awaloa, Kealakekua Bay, in South Kona. The bay has been the focus of a myriad of recreational activities, such as snorkeling, scuba diving and kayaking and picnicking on shore. Increased usage of the landing area, coupled with the lack of sanitary facilities increase the likelihood of adverse cumulative water quality impacts to the bay. The proposed Keopuka development is north of this site. Photograph by OEQC, November, 2000.

Note: In this section, OEQC brings to you scenes of our land.

UH Exemption List

DECEMBER 23, 2000

NOTE: *[Proposed deletions are bracketed]* and proposed new text is underlined

COMPREHENSIVE EXEMPTION LIST for the UNIVERSITY OF HAWAII

November 16, 2000

Pursuant to [EIS Regulation 1:33] Section 11-200-8(a) Hawaii Administrative Rules, the following types of action[, where they fall within the given classes of action,] shall generally be declared exempt by the University of Hawai'i from requirements [regarding preparation of an environmental assessment, negative declaration, or EIS:]to prepare an environmental assessment.

Exemption Class #1: Operation, repair or maintenance of existing structures, facilities, equipment or topographical features, involving negligible or no expansion or change of use beyond that previously existing.

1. Operation, repair or maintenance of:

Existing buildings used for offices, classrooms, laboratories, laboratory animals, aquaria, libraries, theaters, student and faculty housing, food service, stores or storage on lands owned, leased or rented by the University

b. Workshops and warehouses

c. Swimming pools, [and] gymnasiums, arenas, playfields and playcourts. Playfields to include football, baseball, softball, soccer fields, track and field, and golf short course and putting green. Playcourts to include tennis, basketball, volleyball, badminton and handball.

Auto repair shops and fuel storage and pumps not requiring Department of Health permit

e. Automotive equipment

f. Air [conditioners] conditioning and ventilating systems

g. Refrigerators and freezers

h. Heaters, boilers, and stoves

i. Antennas, towers, and poles

j. Communication systems

k. Electrical, plumbing, and storm drainage systems

l. Sewer pipelines, aeration[,] ponds[,] and tanks, and cesspools

Roads, walkways, parking lots, [fences,] bike paths, and vehicular ramps [and playcourts]

n. Furnaces and kilns

o. Compactors and incinerators

p. Pens, cages, ponds/pools, tanks, and greenhouses

q. Piers, catwalks, floating docks and boat landings

r. Walls, seawalls, and fences

s. Elevators, pedestrian ramps and stairways

t. Seats, bleachers, and booths

u. Campus signs and scoreboards

Artwork and historic structures including but not limited to sculptures, frescoes, Varney Circle and Founders Gate.

w. Scientific equipment used for research, instructional, and experimental functions, including but not limited to lasers, x-rays, spectrometers, oscilloscopes, analyzers, distillers, computers, electron microscopes and diathermic apparatus

2. Painting and re-roofing of existing buildings

3. Campus landscaping and maintenance

4. Use of EPA and State Department of Agriculture approved pesticides and herbicides under the supervision of certified applicators for spot treatments within specified areas on land owned, leased, or rented by the University, except on Mauna Kea, Haleakala, or other sensitive areas.

Exemption Class #2: Replacement or reconstruction of existing structures and facilities where the new structure will be located generally on the same site and will have substantially the same purpose, capacity, density, height and dimensions as the structure replaced.

1. Replacement or reconstruction of:

Existing buildings used for offices, classrooms, laboratories, or storage on lands owned, leased, or rented by the University, except those that may be aesthetically, historically, or culturally significant

b. Hazardous waste material storage areas

c. Flammable fluid storage facilities or structures

d. Cold storage

e. Pumps and storage for fuel oils, not requiring Department of Health permit

f. Workshops and tool sheds

g. Tents and temporary sheds

h. Pens, cages, ponds/pools, tanks, and greenhouses

i. Piers, catwalks, floating docks and boat landings

Walls and fences, including seawalls at Coconut Island but excluding all other water front installations

k. Sewer pipelines, aeration ponds/tanks, and cesspools

UH Exemption List

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- l. Electrical, plumbing, communications and drainage systems
- m. Air [conditioners] conditioning and ventilating systems
- n. Antennas, towers, and poles
- o. Elevators, pedestrian ramps, and stairs
- p. Athletic courts and fields
- q. Parking lots, walkways, roads, and bike paths
- r. Compactors and incinerators
- s. Campus [signs] signage

Exemption Class #3: Construction and location of single, new, small facilities or structures and the alteration and modification of same and installation of new, small, equipment and facilities and the alteration and modification of same including but not limited to: (a) single family residences less than 3,500 square feet not in conjunction with the building of two (2) or more such units; (b) multi-unit structures designed for not more than four (4) dwelling units if not in conjunction with the building of two (2) or more such structures; (c) stores, offices and restaurants designed for total occupant load of twenty (20) persons or less per structure, if not in conjunction with the building of two (2) or more such structures; (d) water, sewage, electrical, gas, telephone, and other essential public utility services extensions to serve such structures or facilities; and (e) accessory or appurtenant structures including garages, carports, patios, swimming pools, and fences; and acquisition of utility easements.

1. Construction or alteration of:
 - a. Storage sheds
 - b. Workshops
 - c. Greenhouses and shadehouses
 - d. Booths and tents
2. Air conditioning and ventilating systems: Window units not to exceed recommended size for the room or 32,000 BTU, whichever is smaller. All normal maintenance and operations to be permitted.
3. Incinerators to be used only for the disposal of pathological materials, some of which may be contaminated by radionuclides. Capacity of incinerators to be not more than 175 lbs./hr. of animal or contaminated wastes. Incineration of radionuclides to comply with license issued by U. S. Nuclear Regulatory Commission. License specifies limits of emissions and ash content of radionuclides. Complete record is kept by UH Environmental Health and Safety Office on all receipts, transfers, uses and disposal of radioactive materials.

4. Antenna System: Receiving-only type of antennas, 6 feet diameter or less dish antennas or 20 feet or less vertical antennas.

Exemption Class #4: Minor alterations in the condition of land, water, or vegetation.

1. Grubbing and mowing of landscaped and lawn areas
2. Planting of trees, other plants, and sod
3. Pruning of trees and shrubs
4. Cultivation, tillage, ridging, and land leveling preparations for agricultural purposes
5. Use of EPA and State Department of Agriculture approved pesticides and herbicides under the supervision of certified applicators for spot or test plot applications within specified areas.
6. Stockpiling of up to 500 cubic yards of soil material.

Exemption Class #5: Basic data collection, research, experimental management, and resources evaluation activities which do not result in a serious or major disturbance to an environmental resource.

1. Gathering of soil, air, water, plant, animal, fish, mineral and other specimens for research, experimental, or instructional purposes. This item does not apply to: the gathering of threatened or endangered plant, animal or fish species; the importation of plant, animal or fish species; actions that detrimentally affect air or water quality and ambient noise level.
2. Historic, geographic, or demographic surveys
3. Topographic, land use, soils, and drainage surveys
4. Flora and fauna surveys
5. Environmental impact research
6. Horticultural, silvicultural and floracultural experiments within confined sites
7. Experimental and research projects with native flora and fauna, including within the Conservation District with the consent of DLNR and the respective county agencies, where applicable

UH Exemption List

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8. Archaeological surveys supervised by a qualified archaeologist

9. Storage of flammable and combustible liquid to comply with OSHA regulations and not to exceed 5,500 gallons in approved storage facilities; floor area not to exceed 700 square feet. Storeroom to be equipped with automatic fire protection and 2-hour firewall.

10. Storage of radioactive materials. Storage to comply with U. S. Nuclear Regulatory Commission license issued to the University of Hawai'i. A complete record is kept of all radioactive material received.

Exemption Class # [7] 6: Construction or placement of minor structures accessory to existing facilities

1. Construction or placement of:
 - a. Ticket booths, tents, platforms, and toilets
 - b. Pens, sheds, cages, tanks, and ponds
 - c. Scoreboard, signs and flag poles
 - d. Sculptures and statues
 - e. Standby generators, panel boards, and switchboards
 - f. Utilities and trash enclosures
 - g. Water pumps and pipes, except [in] at Mauna Kea, Haleakala, or other sensitive areas
 - h. Lights to all walkways, roads, and exits
 - i. Furnishings

2. Structures not to exceed 500 square feet floor area, one story and including all normal and usual types of electrical and plumbing systems.

3. Air conditioners and ventilating equipment: maximum capacity not to exceed 32,000 BTU.

4. Within the building footprint and envelope (building perimeter and height) construction of additional building floor area limited to no more than 10% of the existing building floor area.

Exemption Class # [8] 7: Interior alterations involving such things as partitions, plumbing, and electrical conveyances.

1. Construction, repair, or removal of interior partitions
2. Modifications to interior plumbing, electrical, communication, and ventilating systems
3. Repairs or modifications to transformers, transmitters, panel boards and switchboards

4. Modifications to floors, ceilings, and roofs

5. Painting

6. Masonry and concrete work

Exemption Class # [9] 8: Demolition of structures not functional or economical to remodel and maintain, except those located on any historic site as designated in the National Register or Hawai'i Register as provided for in the National Historic Preservation Act of 1966, Public Law 89-665, 16 U.S.C. Section 470, as amended, or Chapter 6E, Hawai'i Revised Statutes.

Exemption Class # [10] 9: Zoning variances for storage of flammable and combustible materials except [use, density, height, parking requirements and] shoreline setback variances.

Exemption Class #10: Continuing administrative activities including, but not limited to purchase of supplies and personnel-related actions.

1. Purchase of supplies, services, and equipment for instruction, research, public service, and support functions of existing operations.

2. Performance of research, instruction, public service, and support functions in existing facilities.

3. Procurement and use of utility services, motor vehicles and maintenance equipment.

4. Receipt and storage of supplies and equipment.

5. Actions necessary to comply with Occupational Safety and Health Act and Title IX requirements.

[As stipulated by EIS Regulation 1:33b, all exemptions under this list are inapplicable when the cumulative impact of planned successive actions of the same type, in the same place, over time, is significant, or when an action that is normally insignificant in its impact on the environment may be significant in a particularly sensitive environment.]

Note: As stipulated by Section 11-200-8(a) HAR, if an exempt action is proposed in a particularly sensitive environment or if successive exempt actions could have a cumulative significant impact, the exempt status of the action would be invalid. Environmentally sensitive areas include flood plains, wetlands, beaches, and coastal areas, erosion-prone areas, geologically hazardous land, critical habitat and estuaries.

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

235 South Beretania Street, #702

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