

EQC Bulletin

Environmental Quality Commission,
550 Halekuanila Street, Room 301, Honolulu, Hawaii 96813 - Phone: 548-6915

Vol. IV

April 8, 1978

No. 07

REGISTER OF CHAPTER 343 DOCUMENTS

EIS PREPARATION NOTICES

The following proposed projects have been determined to require environmental impact statements. Anyone may ask to be consulted in the preparation of these EIS's by writing to the listed contacts. The contacts will provide copies of the EIS preparation notices. A 30 day period is allowed for requests to be a consulted party.

KAHUKU WATER DEVELOPMENT, KAHUKU, KOOLAULOA, OAHU, Board of Water Supply, City and County of Honolulu

The existing water system, which serves the Kahuku area, was formerly owned and operated by the Kahuku Plantation Company until the plantation ceased operations in 1971. Subsequently, former employees of the plantation formed the Kahuku Housing Cooperative to maintain water service to the Kahuku area. This action is intended to upgrade the present domestic water system and to insure adequate water resources for a proposed 300-lot residential development which would replace existing plantation dwellings and provide low cost housing. The project would include the following: 1) clearing, grubbing and grading (reservoir and access road); 2) drilling two deepwells, each

approximately 300 feet deep; 3) installation of two 700 gpm deep well pumps with related piping and appurtenances; 4) construction of a 0.5 MG reservoir and a single story masonry and concrete building; 5) construction of an access road to the reservoir site approximately 2,000 linear feet; 6) installation of approximately 4,000 linear feet of 12-inch transmission main, and 7) construction of drainage improvements.

Contact: Lawrence Whang
Board of Water Supply
City and County of
Honolulu
630 South Beretania
Honolulu, HI 96813

Deadline: May 8, 1978

KEWALO PLANT QUARANTINE STATION DECONTAMINATION OF HAWAII DEVELOPMENT IRRADIATOR, HONOLULU, State Department of Accounting and General Services

The Hawaii Development Irradiator was initially constructed to test the feasibility of irradiating agricultural commodities to disinfest them from insects as well as extend their shelf life. The work has been completed and the source material, cobalt-60, has been removed. The project will require the removal of about 5-20 mci of radioactive waste and

transportation to a disposal site. About twenty 55-gallon drums will be required to contain the waste. The action will be implemented in seven stages.

Windward Partners proposes to subdivide a 5-acre parcel into 15 lots ranging in size from 7,745 to 37,100 sq. ft. Four of the lots would be within the shoreline setback area. The development also includes one 40

Contact: Henry Yasuda
State Department of Accounting and General Services
P.O. Box 119
Honolulu, HI 96810

ft. roadway with access to Kamehameha Hwy. A 13 ft. setback would be provided on five of the lots for the future widening of Kamehameha Hwy. A 12 ft. pedestrian right-of-way to the shoreline would be provided. Plans for sewage disposal include the use of waterless, non-discharge toilet systems which would be used to accommodate the "black water" or domestic sewage discharge anticipated from the project. The waterless toilet systems will involve the use of closed system tank and a water-like mineral oil which would be recycled for repeated use as the vehicle to carry the human waste from the toilets to the tank container. Periodic pumpout of these tanks and transport of the sewage solids to secondary treatment plants for adequate treatment and disposal would be required until government sewage lines are available to the project site.

Deadline: May 8, 1978

HAWAII INSTITUTE OF MARINE BIOLOGY (HIMB) NEW ELECTRICAL SYSTEM, COCONUT ISLAND, KANEHOE, OAHU,
State Department of Accounting and General Services

Previously reported on March 23, 1978

Contact: Henry Yasuda
State Dept. of Accounting and General Services
P.O. Box 119
Honolulu, HI 96810

Revised EIS also available at Kailua and Kahuku Branch Libraries.

ENVIRONMENTAL IMPACT STATEMENTS

Status: Currently being processed by the Department of Land Utilization, City and County of Honolulu

Environmental Impact Statements listed here are available for review at the following public depositories: Environmental Quality Commission; Legislative Reference Bureau; Hamilton Library, State Main Library and the Kaimuki, Kaneohe, Pearl City, Hilo, Kahului, and Lihue Regional Libraries. Statements are also available at State Branch Libraries that are in proximity to the site of a proposed action (indicated with project description). Comments may be made and sent to: 1) the proposing agency or applicant; and 2) accepting authority or approving agency (indicated on the EIS routing slip). A 30-day period is allowed to send written comments on the EIS.

GEOTHERMAL RESEARCH STATION UTILIZING THE HGP-A WELL AT PUNA, ISLAND OF HAWAII, State Department of Planning and Economic Development (REVISED)

In 1976, a geothermal well was drilled to 6,450 feet on a site immediately off the Pahoa-Pohoiki Road in Puna. The test well, HGP (for Hawaii Geothermal Project) -A, has yielded temperatures and pressures from a water-dominated geothermal reservoir capable of generating up to four megawatts of electrical power. As a continuation of the exploratory drilling project, the State of Hawaii, the County of Hawaii, and the University of Hawaii, with

WAIKANE RESIDENTIAL SUBDIVISION, WAIKANE, KOOLAUPOKO, OAHU, Windward Partners/Department of Land Utilization, City and County of Honolulu (REVISED)

the Hawaii Electric Light Company of Hilo (HELCO) participating in an advisory capacity, will jointly conduct a research and demonstration project to ascertain the dimensions and characteristics of a geothermal reservoir in Puna. The project will also accommodate R&D field experiments in the use of geothermal energy (such as cooking fruit, sterilizing food containers, freeze-drying coffee, processing wood). The proposal includes the installation of a wellhead generator for the creation of electrical energy along with a research facility. About three megawatts of the electric energy produced by the well already in existence on a 4.1 acre site accommodating the project will be sold to HELCO.

Revised EIS also available at Laupahoehoe, Pahala, and Pahoa Branch Libraries.

Status: Currently being processed by the State Office of Environmental Quality Control

EXPANSION AND UPGRADING OF THE WAIANAЕ WASTEWATER TREATMENT AND DISPOSAL SYSTEM, WAIANAЕ, OAHU,
Department of Public Works, City and County of Honolulu (REVISED)

Presently, only portions of Maili and Waianae Town are served by the municipal Waianae primary treatment facility, located along Farrington Hwy. near the Lualualei Beach area. The proposed action is the development of a regional sewage collection, treatment, and disposal system for the Waianae District, from Manakuli to Makaha. The project will involve: 1) expansion of the sewage collection network; 2) extension of the 36-inch ocean outfall to a depth of about 6,000 ft. from shore; and 3) expansion of the Waianae wastewater treatment plant from 1.72 mgd. The present treatment plant will also be upgraded to provide secondary treatment to incoming sewage flows.

Status: Accepted by Governor George R. Ariyoshi, March 21, 1978

KAHOOLOWE ISLAND TARGET COMPLEX, HAWAIIAN ACHIEPELAGO, U.S. Department of the Navy (Draft Supplement to the Final EIS - NEPA only)

Previously reported on March 23, 1978

Draft Supplement to the Final EIS available for public review at the following locations:

Headquarters, Commander Pacific Division, Naval Facilities Engineering Command, Makalapa, Pearl Harbor, HI.
Office of the Mayor, County of Maui, 1588 Kaahumanu Avenue, Wailuku, Maui
Office of the Mayor, City of Honolulu
City Hall, Honolulu, Office of the Mayor, County of Kauai, 4396 Rice Street, Lihue, Kauai, Office of the Mayor, County of Hawaii, City Hall, Hawaii, Hilo, All public libraries in the State of Hawaii, including Bookmobiles, University of Hawaii Hamilton and Sinclair Libraries, Honolulu, Ewa Beach Satellite City Hall, 91923 Fort Weaver Road, Ewa Beach, Oahu, Hauula Satellite City Hall, Hauula, Oahu, Hawaii Kai Satellite City Hall, Koko Marina Shopping Center, Honolulu, Kailua Satellite City Hall, 302 Kuulet Road, Kailua, Oahu, Kalihi-Palama Satellite City Hall, 1865 Kam IV Road, Honolulu, Kaneohe Satellite City Hall, 46-024 Kam Hwy., Kaneohe, Oahu, Wahiawa Satellite City Hall, 830 California Avenue, Wahiawa, Oahu, Waianae Satellite City Hall, 85-670 Farrington Hwy., Waianae, Oahu, Waipahu Satellite City Hall, 94-300 Farrington Hwy., Waipahu, Oahu

For further information concerning this notice, contact Captain P. B. Walker, JAGC, USN, c/o Code 09F, Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI 96860, telephone number 808-471-0708.

Deadline for Comments: May 1, 1978

A PROPOSAL FOR ACQUISITION, DEVELOPMENT AND OPERATION OF THE KEALIA POND NATIONAL WILDLIFE REFUGE, MAUI,
United States Department of the Interior, Fish and Wildlife Service

(National Environmental Policy Act only)

The United States Fish and Wildlife Service proposes to acquire, develop and manage approximately 500 acres covering the main part of Kealia Pond on the south coast of Maui for the purpose of protecting and preserving endangered Hawaiian waterbirds and other wildlife and natural values of the area. As part of this proposal, a part of the acquired area would be leased back to the Pacific Aquaculture Corporation granting the right to continue producing fish and prawns.

Draft EIS available at the Hawaii State Main Branch Library and the Wailuku Branch Library.

Deadline for Comments: April 28, 1978

NEGATIVE DECLARATIONS

A negative declaration is a determination by a proposing or approving agency that a proposed action will not have a significant effect on the environment and therefore does not require an EIS. Copies are available upon request to the Commission. There is no formal review period, but the public is free to offer comments. Negative declarations may be contested in court only for 60 days after notice is published here. Negative declarations have been filed for the following actions:

KAUAI

GENERAL PLAN AMENDMENTS, LIHUE, HRT, Ltd./Planning Department, County of Kauai

The following general plan amendments in Lihue are being requested by HRT, Limited: 1) amend the General Plan from "Agriculture" to "Commercial" for 2.07 acres of land along Ahukini Road in Lihue, for the purpose of establishing car rental operations; 2) amend the General Plan from "Public" to "Commercial" for 4.65 acres of land situated near Wilcox

Hospital. This acreage is planned to support a shopping center proposal occurring on contiguous lands within the same parcel which do not require General Plan amendments. For purposes of this determination, the total shopping center (majority of the land involved does not require any General Plan amendment) is not considered in the assessment.

For both of the above requests, zones changes from "agriculture" to "Commercial" and from "Residential (R-20) to "Commercial", respectively, are also being applied for. Two zoning amendment requests that accompany this application although not applicable to Chapter 343, HRS requirements include: a) rezone from "Residential" (R-20) to "Commercial" an area contiguous to request #2 above, consisting of approximately 13 acres, for the purpose of developing a shopping center; b) rezoning from "Residential" (R-20) to "Commercial" an area adjacent to request #1 above, consisting of 2.21 acres, to establish car rental and commercial retail operations along Ahukini Road.

GENERAL PLAN AMENDMENT GPA-78-2, AGRICULTURE TO COMMERCIAL, WAIPOULI, Maurice J. Sullivan/Planning Department, County of Kauai

Maurice J. Sullivan requests a General Plan amendment from "Agriculture" to "Commercial" use for property abutting Kuhio Highway and Waipouli Road at Waipouli. The property would be the site of a shopping center containing a Foodland Supermarket (approximately 18,000 square feet), a super drug store (approximately 22,000 square feet) and various small shops (approximately 10,000 square feet).

KAUAI COMMUNITY COLLEGE TENNIS COURTS AND SITE DEVELOPMENT, PUHI, State Department of Accounting and General Services

Kauai Community College is located about two miles southwest of Lihue off Kaunualii Highway in Puhi. A

large portion of the school site has been graded and a majority of the master-planned facilities have been constructed. Two tennis courts will be provided along with the following improvements: 1) walkways; 2) expansion of parking lot; 3) improve street lighting, night lighting of buildings and walkways, and light control of parking lot; 4) directional signs; 5) clear and grade eastern portion of site; 6) design roadway; 7) outdoor benches; and 8) waterline.

KAUAI COMMUNITY COLLEGE COMMUNITY SERVICES BUILDING, PUHI, State Department of Accounting and General Services

The action consists of providing the Community Services wing of the Administrative Services Complex at the existing Kauai Community College campus. The proposed structure will contain about 4,180 square feet of floor space to house the Community Service Office which now occupies temporary quarters.

INTERIM DEVELOPMENT OF HA'ENA STATE PARK, HA'ENA, State Department of Land and Natural Resources, Division of State Parks (Supplement)

This is a supplement to the negative declaration published on November 23, 1977. Additional interim development at Ha'ena State Park includes two archaeological projects. The University of Hawaii-Manoa's 1978 Archaeological Field School summer field program offered to test excavations in four areas within the park. Twenty students plus supervisory personnel would participate in this project from May 31 to July 7, 1978. The second archaeological project would be salvage work in the foredune area. A 1977 initial archaeological survey indicated the dune face contains a highly valuable cultural deposit which is particularly fragile. This project would involve salvaging the dune.

HAWAII

POHOIKI BAY NAVIGATIONAL IMPROVEMENTS, PUNA DISTRICT, State Department of Transportation

The improvements at Pohoiki Bay, Puna, involves the construction of a breakwater having a length of 90 feet, a crest elevation of 10 feet above mean lower low water, and a slope of 1 vertical to 2 horizontal. Approximately 2,500 cubic yards of 7- to 12- ton rock will be used for construction. An existing rock at the head of the breakwater will be removed and probably placed within the breakwater. A lighted navigational aid will be provided.

NAALEHU PARK DEVELOPMENT, NAALEHU, KA'U, Department of Parks and Recreation, County of Hawaii

The existing 5.89 acre Naalehu Park is proposed for expansion through the addition of 9.5 acres to the south and the relocation/expansion of existing facilities and development of new facilities. The project would be undertaken in phases with the first increment consisting of: site preparation; roadways, pathways and parking; a restroom and storage building; two tennis courts with lights; rodeo arena facilities; and general landscaping. Development of future increments would depend on available funding and would include: site preparation; restroom and storage facilities; two additional lighted tennis courts; renovation of community club building; a 25-meter swimming pool; two basketball courts; an amphitheater; landscaping; and support facilities.

OLAA FLUME SPRING SOURCE DEVELOPMENT-PHASE II, SOUTH HILO, Department of Water Supply, County of Hawaii

The project would consist of the installation of approximately 7,000 lineal feet of 16-inch transmission pipeline and the construction of two reservoirs, 0.1-MG and 0.3-MG, respectively. The proposed project, which is planned for location at Punahoa 1st, Punahoa 2nd, and Piihouna South Hilo would commence from the

existing Lyman Springs transmission pipeline and would terminate and connect to the Piihonua source transmission system. The Olaa Flume Spring Source Development, Phase I, project is presently under construction and scheduled for completion in the second quarter of 1978. The completion of this proposed Phase II would enable the Department of Water Supply to transport the Olaa Flume Spring water into the Piihonua Source distribution system.

HAWAII BELT ROAD - WIDEN AND REALIGN KAMAKOIA II BRIDGE, SOUTH KOHALA,
Federal Aid Project No. HHS-0190(3),
State Department of Transportation

The section of the Hawaii Belt Road to be improved is part of a secondary route between the Districts of South Kohala and North Kona, which are also served by the Queen Kaahumanu Highway, a primary arterial. The proposal calls for: 1) replacing the existing Kamakoa II Bridge with a three barrel pipe arch culvert drainage structure; 2) flattening an existing 265-foot radius horizontal curve to an 800-foot radius curve; 3) widening the existing pavement from 18 feet to 24 feet and shoulders from 2 feet to 6 feet; and 4) installing guard rails on the approaches and concrete parapets over the culverts installation.

SUBDIVISION OF FORMER KAWAIHAE SCHOOL SITE, KAWAIHAE 1ST, SOUTH KOHALA,
State Department of Hawaiian Home Lands

The former Kawaihae School site of 2.427 is proposed to be subdivided into 3 lots with respective lot areas of 26,293 square feet, 27,054 square feet, and 52,875 square feet. This action is for leasing purposes. The project site is bordered by Makahuna Gulch to the northwest, Old Government Road to the northeast, and Kawaihae Road to the southwest.

VETERANS CEMETARY EXPANSION PROJECT, PONAHAHAWAI, SOUTH HILO, Department of Parks and Recreation, County of Hawaii

Approximately 7 acres of State land at Ponaahawai, South Hilo would be utilized for the expansion of the Veterans Cemetery. The first phase of the project involves the extension of Laimana Street to the site, construction of a 36-foot wide service road, grading and grassing of approximately three acres of land and the installation of landscaped buffer areas. Approximately nineteen hundred plots would be created in the first phase. Construction of a pavilion and columbarium, and grading and landscaping of the remainder of the site will be undertaken in future phases.

MAUI

INSTALLATION OF TILTMETER FOR THE HAWAII INSTITUTE OF GEOPHYSICS,
WAIAKOIA, KULA, University of Hawaii

The University of Hawaii proposes to drill a borehole to the solid substratum but not exceeding 100 feet in depth. The borehole would be lined with a casing and the tiltmeter would be placed within the borehole. Recording instruments would be placed in a nearby building. The project site is on the grounds of the Waiakoa Electronics Laboratory in Kula.

CONSTRUCTION OF TURNING LANDS AND WIDENING OF HONOAPIILANI HIGHWAY AT KAPALUA RESORT, HONOKAHUA, State Department of Transportation

The proposed project involves upgrading a segment of Honoapiilani Highway mauka of Kapalua Bay in Honokahua, by Kapalua Land Company, Ltd. The 0.9 mile road widening project would begin at the Kapalua Sewage Treatment Plant Road behind the Napili Kai and extends to Office Road which leads up to Honokahua Village. Other improvements include: left turn lanes at major intersections located at Pineapple Hill Road, Bay Drive which leads to the Kapalua Bay Hotel and the access road leading to The Ironwoods and The Ridge; median; grassed shoulders; walkway; guard rails, and drainage pipes.

CRASH FIRE RESCUE BUILDING, KAHULUI AIRPORT, State Department of Transportation

A crash fire rescue building is planned for construction at the existing Kahului Airport terminal.

AHU

36-INCH WATER MAIN ALONG MAPUNAPUNA AND PAA STREETS FROM PUULOA ROAD TO MOANALUA GARDENS, HONOLULU, Board of Water Supply, City and County of Honolulu

The project entails the installation of approximately 2,700 linear feet of 36-inch pipe from Puuloa Road to Moanalua Gardens. The new water main would link an existing 36-inch main at Puuloa Road with an existing 42-inch main at Moanalua Gardens. Thirty-six inch butterfly valves would be installed at selected intervals along the alignment. The valves would isolate sections of the line for maintenance and repair work. This project is the final increment of a transmission main from the intersection of Honomanu Street and Moanalua Road in Aiea to Moanalua Gardens. The transmission main capacity is approximately 45 million gallons per day and would connect to an existing network presently transporting water to Honolulu.

RENOVATION OF BUILDING 926 KAPIOLANI COMMUNITY COLLEGE, FORT RUGER, HONOLULU, University of Hawaii

The project calls for the renovation of a vacant two-story, single family wooden frame building, to provide accommodations for the Office of Student Services at the Fort Ruger Campus. The Kapiolani Community College, Fort Ruger Campus, is situated on the former Fort Ruger Military Reservation which was purchased by the State of Hawaii from the United States Government in August 1974.

INSTALLATION OF 12-INCH WATER MAIN ALONG PALOLO AVENUE FROM PAALEA STREET TO KIWILA STREET AND ALONG KALUA ROAD FROM PALOLO AVENUE TO MAHANA STREET, HONOLULU, Board of Water Supply, City and County of Honolulu

The project consists of replacing an existing 12-inch water main along Palolo Avenue from Paalea Street to Kiwila Street and along Kalua Road from Palolo Avenue to Mahana Street located within the Palolo Valley area. The total length of the pipe is approximately 3,300 feet.

RELOCATE EMERGENCY GENERATOR, MOKULEIA RIDGE RADIO STATION, WAIALUA, Building Department, City and County of Honolulu

Improvements to the existing Mokuleia Communication Facilities include the removal of all plumbing fixtures and partitions within the existing toilet into which the generator would be relocated. Associated electrical work would accompany the generator relocation.

SUBDIVISION OF LOT 91, NANAKULI RESIDENCE LOTS (FIRST SERIES), NANAKULI, State Department of Hawaiian Home Lands

The Department of Hawaiian Home Lands proposes to subdivide Lot 91 of the Nanakuli Residence Lots in order to create two residential lots to provide additional living facilities for another family. The 0.60 acre lot parcel would be subdivided in half.

REGISTER OF SHORELINE PROTECTION ACT DOCUMENTS

The following document has been filed with the City and County Dept. of Utilization pursuant to Ordinance 4528, relating to the Interim Shoreline Protection District for Oahu. The projects below is located within the Special Management area of Oahu. Please contact the DLU at 523-4256 for more information.

ENVIRONMENTAL IMPACT STATEMENT

LR&I Development Four, a Hawaii Limited partnership, proposes to develop a cluster of 12 fee simple detached single family residences in Kaalaea. The 3.8 acre project

site is bounded by Kamehameha Highway
on the makai side, a single-family
subdivision on the Waikane side and
~~the Pulama Gardens project site on the~~
mauka side.

Status: Accepted by the Department of
Land Utilization, City and
County of Honolulu, March
22, 1978

ENVIRONMENTAL QUALITY COMMISSION
ROOM 301
550 HALEKAUWILA STREET
HONOLULU, HAWAII 96813