

# OEOC BULLETIN



GEORGE R. ARIYOSHI  
GOVERNOR

LETITIA N. UYEHARA  
DIRECTOR

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

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## REGISTER OF CHAPTER 343, HRS DOCUMENTS

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All Chapter 343, HRS documents submitted for publication in the OEOC Bulletin must be addressed to the Office of Environmental Quality Control, 465 South King Street, Room 115, Honolulu, Hawaii 96813. Documents addressed otherwise will not be considered for publication.  
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### EIS PREPARATION NOTICES

Deadline: January 22, 1986

The following proposed action has been determined to require an environmental impact statement. Anyone can be consulted in the preparation of the EIS by writing to the listed contacts. 30 days are allowed for requests to be a consulted party.

### NEGATIVE DECLARATIONS

The following are Negative Declarations or determinations made by proposing or approving agencies that certain proposed actions will not have significant effects on the environment and therefore do not require EIS's (EIS Reg. 1:4p). Publication in the Bulletin of a Negative Declaration initiates a 60-day period during which litigation measures may be instituted. Copies are available at 25 cents per page upon request to the Office. Parties wishing to comment may submit written comments to the agency responsible for the determination (indicated in project title). The Office would appreciate a copy of your comments.

WAIANA E III ELEMENTARY SCHOOL SITE SELECTION, WAIANA E, OAHU, Dept. of Accounting and General Services for the Dept. of Education

This project is the selection of a site for the proposed Waianae III Elementary School. The proposed service area is in Waianae, between the existing Makaha and Waianae Elementary schools and on the mauka side of Kamehameha Hwy. Approx. 6-8 acres will be required.

Contact: Mr. Teuane Tominaga,  
State Public Works  
Engineer  
Public Works Division  
Dept. of Accounting and  
General Services  
State of Hawaii  
P.O. Box 119  
Honolulu, HI 96810

### KAUAI

HANAMAULU TO KAPAIA 12-INCH  
INTERCONNECTING MAIN, PHASE II,

LIHUE WATER SYSTEM DOW JOB NO. 24-5, HANAMAULU, KAUAI, County of Kauai Department of Water

The Kauai Dept. of Water proposes to extend a new 12-inch diameter water main along Kuhio Hwy (Kauai Belt Rd.) in Hanamaulu, at TMK: 3-8-11. The new main will replace a section of pipe that has served the neighborhood for 55 years. The old pipe runs through the front yard of houseslots on the makai side of the highway, the new main will lie beneath the shoulder on the mauka side. The project will begin at Nuku St., connecting to a new 12-inch main recently completed, and will end at Laukona St. some 920 ft. away. This straight and level section of Kuhio Hwy. is bordered by about 20 residences of the Hanamaulu Homes and Wiliko subdivisions. On the mauka side, direct access from the highway to the houseslots is prohibited. Homeowners there, have erected fences and planted hedges to isolate themselves from the sights and sounds of heavy traffic. Between the hedges and the edge of the highway pavement is a 5- to 10-ft. wide grassed shoulder. Utility poles and drainage structures also occupy the shoulder. Beneath the pavement, a few feet from the shoulder, runs an underground television cable and, for a short distance, an underground telephone cable. The recently completed 12-inch main through Kapaia, of which this proposed project is an extension, was subjected to an extensive and detailed Environmental Impact Assessment in March 1985. That assessment found no known endangered species, unique ecological systems, or historic or archaeological features within the State right-of-way. Alternative locations for the new water main were considered. Possible routes through adjacent subdivisions were

rejected because of the greater disruptions to daily lives of the residents there. The makai shoulder of Kuhio Hwy. is already occupied by a major sewer line, for health and safety reasons it would be unwise to locate the new water main there.

MAINTENANCE DREDGING AT NAWILIWILI HARBOR, KAUAI, JOB H.C. 7141, State Dept. of Transportation Harbors Division

The proposed project consists of dredging approx. 1,000 cu. yds. of material at Nawiliwili Harbor. Soil erosion, wave action and currents, and prop wash of vessels operating in the adjacent area have caused silt to accumulate within the project area. Maintenance dredging of 1 to 5 ft. is required to attain the safe operating depth, to prevent damage or grounding of large vessels. Dredging will allow greater use of the existing pier facilities and help to minimize congestion and delays in ship schedules. The area is located offshore in Nawiliwili, just north of the entrance to Nawiliwili Boat Harbor, and is approx. 1.5 mi. south of the town of Lihue on the Island of Kauai. Nawiliwili Harbor is the principal port on Kauai and supports recreational boating, commercial harbor operations, and light industrial activities. The harbor is served by County and State roadways and is provided with electricity, water, telephone service, drainage, and sewerage.

OAHU

AQUATIC ANIMAL ISOLATION AREA, ANUENUE FISHERIES RESEARCH CENTER, HONOLULU, OAHU, Dept. of Land and Natural Resources Division of Aquatic Resources

The project at the Anuenue Fisheries Research Center (AFRC), Kalaheo Island, Honolulu, is to replace an existing facility with a new complex for conducting experiments on aquatic specimen. The existing facility for fish disease studies at the AFRC is a single 18 ft. diameter fiberglass tank. Although hydraulically and biologically separated, the tank is physically located within an array of similar containers used for other research and investigations. Because physical separation is highly desirable, and because the present facility limits the number and nature of investigations which can be conducted simultaneously, a new complex is needed for ongoing and future tasks at the research center. The following work is proposed for this project:

- a. Three 8' diameter by 4' deep fiberglass or concrete tanks with protective coatings. Each tank will be equipped with a valved drain line.
- b. Sump pit, approx. 6' square by 4' deep to receive effluent from the experiment tanks.
- c. Sump pump, pressure line and chlorinator.
- d. Baffled, disinfection-retention concrete trough, 4' by 15' by 2 1/2' deep.
- e. Discharge pump and pressure line to existing discharge trough.
- f. Shed to house the chlorinator and to provide work and storage space, approx. 10' by 15' in floor area.
- g. Fencing (156 lineal ft.).

WAIPAHU 36-INCH MAIN: LEOWAHINE STREET TO THE KUNIA INTERCHANGE, WAIPAHU, OAHU, City and County of Honolulu Board of Water Supply

The Board of Water Supply (BWS) proposes to install 4,792 ft.

of 36-in. transmission main along Waipahu, Leoku and Leolua Sts., Kunia Rd. and Farrington Hwy. The proposed water main will run parallel to an existing 12-in. water main along Waipahu, Leoku and Leolua Sts., and 20- and 30-in. mains along Kunia Rd. and Farrington Hwy. The proposed project is located in the town of Waipahu, on the leeward side of Oahu. A Negative Declaration was published in the November 23, 1985 OEOC Bulletin for Alternative #1. Alternative #1 was rejected by the State Dept. of Transportation. The primary objective of the proposed project is to strengthen the BWS water distribution system in the Waipahu/Ewa area. The new 36-in. water main will increase the system's flexibility, reliability and carrying capacity to the Ewa and Waianae areas. It will also permit the utilization of the design capacity of the Waipahu Wells (pending State Board of Land and Natural Resources' approval) to help meet the expanding water needs in the Ewa area. The proposed 36-in. main will tap into the existing 36-in. main along Waipahu St. and will ultimately connect into the 30-in. main at Farrington Hwy. A 36-in. main stub-out will be provided to accommodate a future 36-in. main to Ewa. Construction is scheduled to be completed by June 1987.

PEARL CITY REGIONAL LIBRARY PARKING LOT EXPANSION, PEARL CITY, OAHU, Dept. of Accounting and General Services for the Dept. of Education

This project is to construct additional parking spaces for the Pearl City Regional Library to meet the City and County of Honolulu's building code requirements. The major work items will be minor grading and asphalt concrete paving. The

estimated cost of construction is \$80,000. Since the project will be constructed within existing State property, no land will be removed from the tax base. The project will provide the library with additional parking spaces to meet the needs of patrons.

WAIAWA CORPORATION YARD, WAIAWA, EWA, OAHU, City and County of Honolulu Building Department

The objective of the proposed action is to construct a new Corporation Yard to meet the present and future demands of the Dept. of Public Works' Div. of Wastewater Management, the Dept. of Parks and Recreation's Maintenance Facilities Div., the Honolulu Police Dept's Confiscated Vehicles Storage Unit and ultimately for other City's agency needs. The present proposed action will include the construction of the following facilities:

1. Maintenance facilities for the Dept. of Public Works' Div. of Wastewater Management will include: an office building; meeting and locker room building; parking sheds; carpentry, mechanic and welding shop; mason storage building; storeroom; truck wash area; and oil drums and cement storage area.
2. Maintenance facilities for the Dept. of Parks and Recreation's Maintenance Div. will include: auto shop and storekeeping building; and trades shop building which includes carpentry, welding, plumbing, electric, paint and mason shops.
3. Honolulu Police Dept's Motor Vehicle storage facility will include: office, restroom and shower facilities; covered

- facility to store 50 vehicles and 50 motorcycles; and uncovered vehicle storage area.
4. General improvements will include: site preparation and grading including demolition of existing unneeded structures, excavation and embankment; on-site service road network interconnecting the new facilities; enclosed fencing and security systems for the new facilities; parking areas for City vehicles and employees; access roadway improvements for Waipuna Ave. to the project site, including construction of two new bridge structures to replace existing bridges; installation of new on-site utilities including sewer, water, drainage, electrical and telephone systems; on-site sewage pump station and approx. 3,400 lineal ft. of sewage force main; replacement of approx. 2,600 lineal ft. of water main; and site landscaping.

The Waiawa Corporation Yard will be constructed in four phases. Phase I involves construction of the first increment of the Dept. of Parks and Recreation's facilities, the Honolulu Police Dept's storage facilities and general on/off-site improvements. Phase II involves construction of the first increment of the Dept. of Public Works' Div. of Wastewater Management facilities. Phase III involves construction of the second increment of the Dept. of Public Works' Div. of Wastewater Management's facilities. Phase IV of the project involves construction of the second increment of the Dept. of Parks and Recreation's maintenance facilities and improvement of the access road. The proposed site is in lower Pearl City on the Waiawa

Peninsula, makai of Kamehameha Hwy. and encompasses 28.275 acres. The site is identified by TMK: 9-6-01-8 and is owned by the City and County of Honolulu.

boundary for which a permit was obtained in 1982. Since no work was initiated on the project within the one-year time limit condition imposed under Cдуа OA -1490, the approval has lapsed.

CONSERVATION DISTRICT USE  
APPLICATION FOR GRADING AND  
EXCAVATION USE, AND RESERVOIR SITE  
USE AT PALOLO VALLEY, OAHU, Palolo  
Estate Partners/Dept. of Land and  
Natural Resources

CONSERVATION DISTRICT USE  
APPLICATION TO INSTALL MICROWAVE  
REPEATER STATION, KAPAA VALLEY,  
OAHU, Hawaiian Electric Co./Dept.  
of Land and Natural Resources

The application is for grading and excavation use, and reservoir site use of TMK: 3-4-11:135 and 3-4-20:3 at Palolo Valley, Oahu, Hawaii. A Conservation District Use Permit is required in connection with 110 cluster housing units to be constructed on TMK: 3-4-9:1 and 3-4-11:1 and 135 and for a reservoir to be constructed on TMK: 3-4-20:3. The housing project is within the existing urban district utilizing existing infrastructure. The proposed action consists of grading of approx. 8,000 cu. yds. of conservation-zoned land on TMK: 3-4-11:135 and construction of a 200,000 gal. reservoir together with access road and utilities on conservation-zoned land identified as TMK: 3-4-20:3. The objective of the proposed action with respect to TMK: 3-4-11:135 is to provide sufficient material to construct a buttress fill on the residential subdivision and to provide adequate building pads for the proposed dwellings. The objective of the proposed action on TMK: 3-4-20:3 is to provide adequate fire protection for the proposed subdivision and to increase reliability of the Board of Water Supply System which serves the surrounding residential areas. Other work affecting the conservation area consists of the construction of an interceptor ditch along the entire mauka

The project involves installing a microwave repeater station in Kapaa Valley, Oahu, TMK: 4-2-15:1, as part of the Koolau-Malae Communications System. The Koolau-Malae Communications System, installed two years ago, has been operating less than satisfactory because the line of sight between the Koolau and Malae substations is periodically blocked during turbulent weather conditions. To overcome that, the applicant is proposing to install another repeater station between the Koolau and Malae substations. The proposed substation above the Kapaa Quarry will occupy a site of about 144 sq. ft. The top of the microwave antenna will be 34 ft. above ground. The structure is planned to be painted green to minimize any visual impact. Access to the facilities is possible through a tractor trail belonging to Kapaa Quarry.

CONSERVATION DISTRICT USE  
APPLICATION FOR IMPROVEMENTS TO  
OAHU-MAUI DIGITAL MICROWAVE  
SYSTEM, HANAUMA BAY, OAHU,  
Hawaiian Telephone Co./Dept. of  
Land and Natural Resources

The application is for installing a 10-ft. diameter antenna at the Hanauma Bay site, Oahu, at TMK: 3-9-12:06. The proposed improvements consist of construction of a 10' wide, 7'

deep and 15' high steel antenna support atop the equipment building, and installation of a 10' diameter antenna onto the new antenna support. The new antenna will be located at an elevation of 157' MSL, 13' higher than the existing antennas. The objectives of the proposed action are to upgrade and to increase the capacity of the Oahu-Maui telephone system. This system expansion is needed to provide the public, business enterprises and government with high quality service for interisland communications, and connections for interstate and international telephone communications from the island of Maui. This objective will be met by making equipment improvements at two toll offices and three microwave stations along the Honolulu-Wailuku transmission route. The proposed improvements to the Oahu-Maui system will also benefit the Oahu-Hawaii telephone system.

HAWAII

HAWAII INTAKE SERVICE CENTER/COMMUNITY CORRECTIONAL CENTER MODIFICATIONS AND ADDITIONS, HILO, HAWAII, Dept. of Accounting and General Services for Dept. of Social Services and Housing

This project consists of doing renovations and additions to the main structure to expand the intake and office areas, and the kitchen. It also includes demolishing the wood structure behind the old jail and replacing it with a 40-bed wood dormitory and a laundry. The estimated cost of construction is \$1,615,000. Since the project will be constructed within the existing property, no land will be removed from the tax base. The project

will provide the Department with a much-needed facility to implement its corrections program.

REGISTER OF SHORELINE PROTECTION ACT DOCUMENTS

The projects listed in this section have been filed with County agencies pursuant to Chapter 205A, HRS as amended, relating to the Special Management Area of each county. For additional information, please call the pertinent county agency:

- Hawaii Planning Dept. 961-8288;
- Hnl. Dept. of Land Utilization 523-4077;
- Kauai Planning Dept. 245-3919;
- Maui Planning Dept. 244-7735.

CONSTRUCTION OF A LEADERSHIP AND MANAGEMENT TRAINING FACILITY, LAHILAHI POINT, MAKAHA, OAHU, Haggai Institute/City and County of Honolulu Dept. of Land Utilization

Negative Declaration

The Haggai Institute proposes to develop an Advanced Leadership Training Center on approx. 14.4 acres of property owned by John T. Waterhouse as shown on TMK: 8-4-01:8 and 9, 8-4-03:11 and 8-04-4:1, 5 and 9. The property lies entirely within the Special Management Area, with proposed improvements project to cost approx. \$3,000,000. In 1980, the Dept. of Land Utilization issued a Negative Declaration for a 26-unit Cluster Development on this identical property. Subsequently, a Shoreline Management Permit was approved permitting the applicant to proceed with plans to construct a 25 unit cluster development subject to a number of conditions. The applicant did not

proceed with the cluster application for this project. The proposed Training Center is situated at Makaha, Waianae, along the base of Mauna Lahilahi (Lahilahi Pt.). Access to the property is from Lahilahi Pl., approx. 160' makai of Farrington Hwy. Lahilahi Park, opposite Makaha Valley Rd., is just east of the property with the Hawaiian Princess Development bordering the property on the west. Single family homes are immediately mauka and east of the property along Lahilahi St. The Haggai Institute for Advanced Leadership Training has as its goal the provision of special training to key Third World leaders to improve their management and leadership skills. There will be 46 guest units and 2 units with complete living facilities, additionally, the training center will include: a conference room to accommodate 80 people; two classrooms, each accommodating 35 people; a library and data center; dining/cafeteria room for 85 people; exercise pavilion; volleyball court; tennis court; swimming pool; and parking for 35 automobiles. The Institute will not be seen from Farrington Hwy. except possibly a small portion which may be visible from Lahilahi Park. The development, if visible, would blend with the existing houses along this portion of the shoreline area. The site presently is covered with heavy vegetation. The proposed development will retain as much of this vegetation as possible and additional plant material native to the area will be inserted as necessary to add to the natural environment for the Institute. Access to the site will remain at its present location at the terminus of Lahilahi Place.

DRAFT EIS FOR THE PROPOSED WATERCRESS DEVELOPMENT PROJECT AT WAIAWA, PEARL CITY, OAHU, Hawaii, Inc./City and County of Honolulu Dept. of Land Utilization

The applicant is proposing alterations and improvements on approx. 27 acres of agriculture, marsh, and wasteland for the purpose of expanding watercress production for Waiawa watercress growers. The property, TMK: 9-6-03: 4, 5, 26-38, excl 30, 35 is located between Middle Loch of Pearl Harbor and Leeward Community College. The land lies between the old railroad right-of-way and Waiawa Rd. in Pearl City and is designated for agriculture use by the State of Hawaii, and general planned for agriculture by the City and County of Honolulu. Watercress acreage would be expanded on an incremental basis from an existing 5 acres to 20 acres over a period of about 10 years. Because of the low elevation, most of the property would produce stagnant water conditions were it only cleared for wetland fields. By elevating portions of the land to promote the flow of water across fields, watercress cultivation can be expanded. Also, improvements in land drainage address the problem of potentially serious flooding of the site by Waiawa Stream by providing a flood corridor across the property. Because the purchase of soil and/or quarry fill for a landfill project would not be economically feasible for watercress development, Watercress of Hawaii, Inc. has sought alternative sources of fill material. Landsend, Inc. has proposed to manage the landfill utilizing land-clearing debris. The impacts identified include the conversion of a natural, although of generally poor quality, wetland to

agricultural use; noise, traffic, and dust problems associated with transport of fill to the site; as well as potential pollution from expanded agriculture that could enter upper Middle Loch of Pearl Harbor. Adherence to restrictions on the kinds of fill material acceptable for a wet site would avoid any serious problems with potentially detrimental leachates. The new agricultural land would be devoted to wetland crops, and the overall nature of the proposed cropping and water distribution systems could, on balance, improve the quality of the wetlands within the project area. A portion of the wetland would be improved and devoted to wildlife use. The total property area, not all of which is included in the proposed alterations is 36.9 acres. Other cropping systems, auxiliary roads and barriers flood plains, process servicing units and housing facilities complete the overall and use plan for the total property.

This draft EIS is available for public review. Comments should be postmarked by January 22, 1986.

Replies should be addressed to:  
 Mr. John Whalen, Director  
 Dept. of Land Utilization  
 650 So. King Street, 7th Flr.  
 Honolulu, HI 96813

Copies should also be sent to the Environmental consultant:  
 Mr. Eric Guinther  
 AECOS, Inc.  
 970 No. Kalaheo Ave., Suite 300  
 Kailua, HI 96734

**NEPA DOCUMENT**

The following document has been prepared pursuant to the requirements of the National Environmental Policy Act of 1969.

Contact the Office of Environmental Quality Control for more information at 548-6915.

AMENDMENT TO THE FISHERIES MANAGEMENT PLAN FOR THE SPINY LOBSTER FISHERIES OF THE NORTHWESTERN HAWAIIAN ISLANDS,  
 Western Pacific Fishery Management Council

Fishery Management Plan

Amendment #3 to the Fishery Management Plan (FMP) for spiny lobster fisheries of the Northwestern Hawaiian Islands (NWHI) has been submitted by the Western Pacific Regional Fishery Management Council to the National Marine Fisheries Service for review and decision making. Amendment #3 to the FMP for spiny lobster fisheries is intended to:

1. Eliminate the use of carapace length to define legal-sized spiny lobsters, and instead substitute a tail width measurement to define minimum legal size;
2. Eliminate the 15% allowance for undersized lobsters and rely on a singular minimum tail width;
3. Codify a new location on a spiny lobster tail where measurement is to be made to determine minimum size; and
4. Establish a 4.8 cm minimum tail width for at least a one-year trial period starting with the effective date of this amendment.

The proposed rulemaking to implement this amendment to the FMP has been scheduled to be filed with the Office of the Federal Register on December 17, 1985. The comment period on this amendment and on the proposed rulemaking would end on January 31, 1986. The Council



will address all comments received and make changes as necessary. All who provide written comment will be sent a reply addressing their concerns.

Comments should be sent to:  
Executive Director  
Western Pacific Regional Fishery  
Management Council  
1164 Bishop St., Suite 1405  
Honolulu, HI 96813

**ENVIRONMENTAL IMPACT STATEMENTS**

EIS's listed in this section are available for review at the following public depositories: Office of Environmental Quality Control; Legislative Reference Bureau; Municipal Reference and Records Center (Oahu EIS's); Hamilton Library; State Main Library and the Kaimuki, Kaneohe, Pearl City, Hilo, Wailuku and Lihue Regional Libraries. Statements are also available at State Branch Libraries that are in proximity to the site of a proposed action (indicated by project description).

Comments on the following EIS's may be sent to: 1) the accepting authority; and 2) the proposing agency. Please note the deadline date for submitting written comments on the EIS.

DRAFT EIS FOR THE CENTRAL MAUI  
SANITARY LANDFILL PROJECT,  
PUUNENE, MAUI, County of Maui  
Dept. of Public Works

The proposed project is a centrally located sanitary landfill for the Island of Maui, and will be referred to as the "Central Maui Sanitary Landfill." The project site is a portion of an existing rock quarry in Central Maui, near the mill town of Puunene. This site is centrally

located with respect to major population centers; it is also a rural, agricultural area. One of the primary considerations in landfill design is the availability of nearby cover material. The site has stockpiled soil material from quarry operations that is suitable for cover material, and additional excavation of the quarry floor will yield additional cover material and additional landfill capacity. This combination of a central yet rural location and the nearby availability of suitable cover material makes the site operationally and environmentally well-suited to the development of a major landfill facility. The project site is the HC&D quarry in Puunene, Maui, and can be identified as portions of TMK: 3-8-03:4, 18, 19. The overall objective of the proposed project is to utilize this existing disturbed site as the County's main landfill facility during the period 1987 to 1998. The long-range plan envisions the possible reuse of the filled site after 1998 for sugarcane cultivation or for some other suitable crop. The filled site may also prove to be suitable for outdoor recreational uses. The project will have both beneficial and adverse environmental impacts. The primary beneficial impact will occur in the area of public services and facilities: a new, centrally located landfill site will come on line in 1987, and this site will accommodate the County's solid waste disposal needs through at least the year 1998. From a public health perspective, the project will also provide a solution to an imminent problem at the Waikapu Landfill which is already exceeding its planned capacity. Permitting the closure of the Waikapu Landfill is a major benefit that will result from this project. The primary

potential adverse impact is in the area of contamination of surface water and groundwater resources. Contaminated runoff water or leachate from the landfill site can have a significant adverse effect if allowed to escape into neighboring streams or underground water zones. The project is located far from the closest public water supply well and its design includes a number of runoff and leachate control measures that will minimize the risk of water contamination. Other aesthetic impacts such as potential noise, odor, dust and vector problems have been addressed in the design of the facility. An overall assessment of the impacts indicates that the benefits significantly outweigh the adverse impacts and that the project will be beneficial to the County.

This draft EIS is also available for review at the Lahaina, Makawao and Kahului libraries.

Deadline: January 22, 1986.

DRAFT SUPPLEMENTAL EIS TO THE REVISED EIS FOR THE KAHUALE'A GEOTHERMAL PROJECT, PUNA DISTRICT, HAWAII, True/Mid Pacific Geothermal Venture in Coordination with the Estate of James Campbell/Dept. of Land and Natural Resources

The applicant proposes to explore for and develop 100 megawatts (MW) of geothermal resources to produce electrical power in the Kilauea Middle East Rift Zone Geothermal Resource Subzone (GRS), Puna District, Island of Hawaii. This Supplemental Environmental Impact Statement (SUP EIS) to the Revised Kahuale'a EIS accepted by the Board of Land and Natural Resources (BLNR) on July 20, 1982, has been prepared as a result of a land exchange (State land in the

Kilauea middle east rift zone for Kahuale'a) proposed by the BLNR. As a result of the proposal to relocate the project area to adjoining State land encompassing the Kilauea middle east rift zone, a Conservation District Use Permit Application (CDUA) was submitted on August 20, 1985 to the BLNR. This SUP EIS has been prepared in support of the revised CDUA. The proposed 100 MW geothermal development project (scaled down from the 250 MW Kahuale'a project) would be located within a proposed GRS of 11,000 acres within the 26,000 acres of State land to be exchanged. Approx. 245 to 305 acres of land area of 26,000 acres will be required for drilling sites, roadways, fluid transmission lines, electrical transmission lines, power plants and ancillary facilities. The project will require 35 drilling sites located in up to 5 exploration/development areas and up to 5 power plant sites. Power plant capacities will range from 5 MW to 55 MW of electricity. Electricity generated will be used to satisfy the needs of the island of Hawaii first, and secondly, for export to Oahu via a potential deep water cable between Hawaii and Oahu. The project area proposed includes portions of the Puna Forest Reserve and Wao Kele O Puna Natural Area Reserve. Relatively unpopulated residential subdivisions are immediately north, east and south of the project area. The Kahuale'a parcel borders the western boundary and the Kamaili Geothermal Resource subzone borders the eastern boundary. The overall revised geothermal resource development project as described in this SUP EIS, has been designed to explore for, develop and produce geothermal resources sufficient to generate 100 MW of electricity to satisfy the needs of the Island of Hawaii

first, and secondly, for export purposes via a potential deepwater electrical transmission cable between Hawaii and Oahu. In order for the County of Hawaii to become energy self-sufficient by 1995 without use of oil, in excess of 100 MW of alternate energy derived power would be needed. The scope of the proposed actions on which this SUP EIS is based is reduced from the scope of action proposed in the EIS. The changes in the scope of action are as follows:

1. The construction of a primary and secondary access road into the eastern portion of the State lands to be exchanged: Location of access roads is in areas less environmentally sensitive than in Kahauale'a; length of access roads reduced.
2. The deep drilling of up to 12 exploration wells in the GRS portion of the State lands to be exchanged. A reduced number of exploration wells to be drilled during this increment.
3. The drilling of up to 23 development wells: A reduced number of development wells to be drilled in this increment.
4. The drilling of up to 8 reinjection wells to return resource effluent to appropriate underground levels: A reduced number of planned injection wells during this increment, reflecting the reduction in the number of production wells.
5. The construction of electrical generating facilities capable of generating a total of 100 MW of electricity: The size and configuration of power plants will vary from 5 MW to 55 MW. The maximum generating capacity at a single site will not exceed 55 MW. A limit to the upper level of production to 100 MW this increment; planned use of smaller,

portable generating units (5 MW): no unit larger than 55 MW to be constructed at one site.

6. Project service/maintenance roads between drilling sites and power plant sites: The surface area potentially required for this 100 MW increment (42 acres) is approx. the same as for the proposed 250 MW development at Kahauale'a.
7. Geothermal fluid transmission lines to transmit the resource from well heads to power plant: The surface area potentially required for this increment (64 acres) is approx. the same as for Kahauale'a.

The project schedule is presently planned to be accomplished over an 8-10 year period beginning in July 1986.

This draft EIS is also available for review at the Keaau, Mountain View, and Pahoa Community/School libraries.

Deadline: January 22, 1986.

EIS'S SUBMITTED FOR ACCEPTANCE.  
The following EIS's have been submitted for acceptance and contain comments and responses made during the review and response period.

FINAL EIS FOR THE PROPOSED EWA MARINA COMMUNITY INCREMENT II, EWA, OAHU, MSM & Associates/City and County of Honolulu Dept. of Land Utilization

The principal objective of the proposed Ewa Marina Community is to provide a planned water-oriented residential community and to serve the housing needs of a wide variety of income groups. Another objective of the project is to provide additional boating facilities for the general

public on Oahu. The waterways also will provide for a variety of water-oriented recreational activities for the general public. A third objective is to achieve a community utilizing the cluster/planned development approach to housing. This concept would permit mixed housing types surrounded by a greenbelt system, maximizing open space within the development. Ewa Marina Community Increment II is envisioned as a 307.5-acre community with a total of 3,578 dwelling units, as well as appropriate commercial and public facilities to serve the daily needs of the residents. The proposed amenities to be provided in the community include:

Approx. 4.9 mi. of frontage along interior waterways; approx. 115 acres of marina waters within the development; approx. 1,600 boat slips of which about 1,000 will be in the four major marina basins and the remaining 600 slips will be dispersed along the waterway system; park areas to include 20.3 acres of community parks to be dedicated to the City (in addition to the 30-acre Oneula Beach Regional Park which is within the project site; a 27.5 preservation area; provision of a greenbelt throughout the community for pedestrian and cycling uses; and approx. 100,000 sq. ft. of commercial and 40,000 sq. ft. of specialty shops for the Ewa area.

Densities would vary throughout the project from 5 to 33 units per acre. Provisions for off-site infrastructure to service the development will be made in concert with the City and County, State, and Federal government agencies, as well as the Estate of James Campbell. The proposed

project would create 25,900 lineal ft. of marina waterfront. Of the 7,300 lineal ft. of ocean frontage, 2,200 lineal ft. would be in residential use, 1,400 lineal ft. would be in commercial and public facilities use, and 3,700 lineal ft. would be devoted to park and preservation uses. Presently, 2,500 of the 3,200 lineal ft. is the existing Oneula Beach Park. The marina entrance channel at the shoreline would be 400 lineal ft. wide. Increment II would be comprised of 16 residential parcels, five commercial and public facilities parcels, and the two proposed park sites and one preservation site. The residential and commercial parcels will be sold to subdevelopers/builders who in turn will subdivide respective parcels for residential and commercial developments. Parcels will be marketed as subdivision tract map approvals are obtained from the City and County of Honolulu. To a large extent, the timing for subdivision construction will be contingent upon prevailing market conditions. Construction for Increment II is scheduled for completion in 1988.

This Final EIS is also available for review at the Ewa Beach Community School Library.

Status: Currently being processed by the City and County of Honolulu Dept. Land Utilization

HAWAII TECHNOLOGY PARK, MILILANI, OAHU, Castle & Cooke, Inc., Oceanic Properties, Inc./City and County of Honolulu Dept. of Land Utilization

Previously published November 23, 1985.

This final EIS is also available for review at the Mililani Library.

the Administrative Rules format.

OEQC will begin distribution of the new rules immediately. Should you have any questions, please contact this office.

Status: Currently being processed by the City and County of Honolulu Dept. of Land Utilization.

OEQC WILL BE MOVING IN DECEMBER

FINAL EIS FOR SEWER TUNNEL RELIEF, HONOLULU, OAHU, City and County of Honolulu Dept. of Public Works, Division of Wastewater Management

This is to notify you that OEQC will be moving from its present location on Halekauwila Street to 465 So. King Street, Kekuanaoa Building, #115. The move is tentatively scheduled for December 26, 1985.

Previously published on Sept. 23, 1985.

This Final EIS is also available for review at the McCully-Moiliili Library.

Status: Accepted by City and County of Honolulu Dept. of Land Utilization on December 5, 1985. Currently being processed by OEQC.

NOTICES

NEW RULES FOR ENVIRONMENTAL IMPACT STATEMENTS AND ENVIRONMENTAL COUNCIL

Chapters 200 and 201 of Title 11, Administrative Rules, entitled "Environmental Impact Statement Rules" and "Environmental Council Rules of Practice and Procedure", respectively, were approved by Governor George R. Ariyoshi on November 25, 1985 and were effective December 6, 1985. These rules replace the Environmental Quality Commission Environmental Impact Statement Regulations and the Environmental Quality Commission Rules of Practice and Procedure that were previously in effect. The new chapters clarify the EIS process and make the rules consistent with the statutes and