

ENVIRONMENTAL QUALITY COMMISSION

550 HALEKAUWILA ST., ROOM 301, HONOLULU, HAWAII 96813 PH: (808) 548-6915

Volume VIII

November 23, 1982

No. 22

REGISTER OF CHAPTER 343, HRS DOCUMENTS

EIS PREPARATION NOTICES

The following proposed actions have 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.

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE EXPANSION AND UPGRADING OF THE WAIANAEE WASTEWATER TREATMENT AND DISPOSAL SYSTEM, WAIANAEE, OAHU, Dept. of Public Works, City and County of Honolulu

An EIS for the Expansion and Upgrading of the Waianae Wastewater Treatment and Disposal System was accepted by the Governor in 1977. Two changes to the proposed action, as evaluated in the 1977 EIS, have since occurred:

1. Upgrading of the treatment system will proceed in two construction stages: (1) from existing primary to advanced primary, then (2) from advance primary to secondary. The original proposal was to upgrade directly from primary to secondary using the activated sludge process.

Under current federal law, a secondary treatment waiver was sought in 1979. If there are no congressional amendments to the Clean Water Act that extend 5 year periods, and if another waiver is not granted, upgrading to secondary would then be required. The advantages of advanced primary treatment over secondary are as follows:

- a. Cost-effectiveness - Capital and operational/maintenance (O&M) costs are considerably less for

advanced primary treatment facilities.

- b. Ocean disposal - With the outfall extension, the mixing effects of the ocean are sufficient to dilute and disperse less-than-secondary treated effluent such that no environmental effects occur.
 - c. Future upgrading - The advanced primary treatment facilities can be designed such that upgrading to secondary can be accomplished cost-effectively, should a need arise in the future.
2. An 80-ft. odor control stack will be part of the odor control facilities. Although odor control facilities are mentioned in the 1977 EIS, the components and sizing of this system were not determined until more detailed design studies were conducted (M&E Pacific, 1982). Thus, it was not known at the time of the EIS that a tall stack would be necessary.

Contact: Charles Yoshimoto
Department of Public Works
Division of Wastewater Management
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96816

Deadline: December 23, 1982.

WAIMANALO FACILITY PLAN, OAHU, Dept. of Public Works, Division of Wastewater Management, City and County of Honolulu

The Department of Public Works proposes to improve Waimanalo's wastewater treatment

system. The Facility Plan will examine alternatives for the purpose of selecting specific improvements. The EIS will provide the relevant environmental information for their consideration and ultimate approval. The purpose of the Waimanalo Facility Plan is to eliminate problems associated with existing wastewater facilities, and to ensure that adequate wastewater facilities will be available to meet the current and future needs of the Waimanalo community. The plan will determine the facilities necessary to service a population of 12,000 by the year 2005 (208 Water Quality Management Plan for the City and County of Honolulu prepared by the State Department of Health, and the City and County of Honolulu). The existing secondary sewage treatment plant (STP) was put into operation in 1972 and presently serves approx. 3,000 people or one-third of the total Waimanalo population. The design average flow capacity of the plant is 1.1 million gallons per day (mgd) which represents a population of 11,000. However, the "Rapid Bloc" treatment system utilized at the plant has been found to operate effectively only up to 60 percent of its rated capacity (0.66 mgd). In addition, the injection wells used to dispose of treated effluent have experienced problems. Therefore, there is a need to assess the plant performance at the projected design flow, and upgrade or replace existing treatment and disposal systems. The remaining two-thirds of Waimanalo's population is serviced by cesspools. According to the 208 Water Quality Management Plan for the City and County of Honolulu, a large number of cesspool failures has been documented over the years. The Facility Plan addresses the need to eliminate the existing public health hazard created by these defective cesspools. The possibility of expanding the existing collection system for the Waimanalo Sewage Treatment Plant into areas experiencing high cesspool failure rates and into newly developed areas is investigated. The Waimanalo Facility Plan will include the following specific items:

1. Determination of the actual capacities of existing treatment and disposal facilities, and evaluation of the effects on these facilities of any proposed expansion to the existing collection system.

2. Discussion concerning individual waste treatment systems, recreation and open space, flow reduction and equalization measures, land application techniques, energy conservation, and all other considerations as required by EPA regulations.
3. Schedules and maps indicating improvement districts, currently sewerred areas, and future sewerred areas.
4. Preliminary maps and profile plans of interceptors and force mains.
5. Wastewater management alternatives with preliminary design data for each alternative.
6. Cost-effectiveness evaluation and comparison of alternative wastewater management schemes.
7. Recommendation of an alternative based on pollution abatement efficiency, cost effectiveness, operational simplicity, operational flexibility, generation of odors, conservation of energy, environmental impacts, public participation and other pertinent considerations.
8. A chapter entitled "Environmental Assessment" that satisfies EPA requirements and is as similar as possible to the separately-bound Environmental Impact Statement prepared in accordance with Chapter 343, Hawaii Revised Statutes.

Contact: Jay Hamai
Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Deadline: December 23, 1982.

DEVELOPMENT OF PIERS 39-42, HONOLULU HARBOR,
OAHU, Dept. of Transportation, Harbors
Division

Previously reported November 8, 1982.

Contact: Gordon Matsuoka
Department of Transportation
Harbors Division
869 Punchbowl Street
Honolulu, Hawaii 96813

Deadline: December 8, 1982.

KAANAPALI WASTE WATER TREATMENT FACILITY
EXPANSION, HONOKAWAI, KAAANAPALI, LAHAINA,
MAUI, County of Maui Dept. of Public Works

Previously reported November 8, 1982.

Contact: Ralph Hayashi
Director of Public Works
Department of Public Works
200 South High Street
Wailuku, Hawaii 96793

Deadline: December 8, 1982.

CONSERVATION DISTRICT USE APPLICATION FOR
CONSTRUCTION OF THE UK/NL MILLIMETER-WAVE
TELESCOPE AND BATCHING PLANT IN THE MAUNA
KEA SCIENCE RESERVE, HAMAKUA, HAWAII,
University of Hawaii/Dept. of Land and
Natural Resources

Previously reported November 8, 1982.

Contact: University of Hawaii
Vice President for Administration
2444 Dole Street
Honolulu, Hawaii 96822

Deadline: December 8, 1982.

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 Commission. Written comments should be submitted to the agency responsible for the determination (indicated in project title). The Commission would appreciate a copy of your comments.

OAHU

KAIMUKI TOWN BEAUTIFICATION WAIALAE AVENUE
(KAPAHULU TO 17th AVENUE), KAIMUKI, HONOLULU,
Dept. of Parks and Recreation, City and
County of Honolulu

The Department of Parks and Recreation, City and County of Honolulu, proposes to implement a street beautification plan for Kaimuki town, Honolulu, Hawaii. It is the objective of the Department of Parks and Recreation, through the City's Street Tree Program to plant and maintain as many trees as are aesthetically appropriate and economically feasible to make the City and County of Honolulu the "City of Flowering Trees". This project is but one implementing action in achieving this objective. The Street Tree Program is targeted for two areas: Waiialae Avenue between Kapahulu and 17th Avenues; and Kokohead Avenue between Waiialae and Pahoa Avenues. Approx. 25 Haole kou (Cordia sebestena) will be planted in tree wells and 55 in grass strip areas along Waiialae Avenue. Along Kokohead Avenue, fern trees (Felicionium decipiens) rather than Haole kou are proposed to supplement the existing street trees (also fern trees). Other planned improvements include removing sidewalk planter boxes, paving planting strips overgrown by weeds, and selective planting of large canopy-type trees on traffic islands subject to approval by the Department of Transportation Services.

WAIALAE NUI WELL AND PUMP STATION, WAIALAE
NUI VALLEY, HONOLULU, OAHU, Board of Water
Supply, City and County of Honolulu

The Board of Water Supply proposes the drilling and testing of an exploratory well. If the exploratory well proves successful, the Board of Water Supply will propose the installation of a 1.0 million gallon per day pump, a control station and transmission main. The project site is situated in Waiialae Nui Valley, between Wilhelmina Rise and Waiialae Nui Ridge. It is located along Kilauea Place, approx. 1 mile north of Waiialae Avenue (TMK:3-5-24: Por. 1). The approx. elevation of the site is 300 ft. above mean sea level. The proposed water well will be 14 in. (I.D.) in diameter, approx. 370 ft. deep and cased approx. for the first 330 ft. (290 ft. solid casing and 40 ft. of louvered casing). It is estimated that the water well could produce 1.0 million gallons of water per day. In addition to the well, other improvements include installing one deep well pump and constructing a pump station to house electrical equipment and

appurtenances. Access to the well site will be from Kilauea Place. No new access road is required. A 12-inch water transmission main will be installed connecting the well site to the existing main in Kilauea Avenue. Approx. 500 ft. of 12-inch pipe will be installed and connected to the existing 12-inch water line located near the intersection of Kilauea Avenue and Malu Place.

ZONING VARIANCE IN WAIKIKI SPECIAL DESIGN DISTRICT TO ALLOW CONTINUED COMMERCIAL PARKING IN APARTMENT PRECINCT, WAIKIKI, OAHU, Diamond Parking/Dept. of Land Utilization, City and County of Honolulu

Diamond Parking operates a 33-space parking lot, paved and striped, with rubbish dumpster, cluster of signs, and fee payment box. It is located at 429 Launiu St., TMK:2-6-17:71. Lot is maintained and regulated. Responsible agencies report no problems with air or water quality, noise, traffic, or drainage. A zoning variance is required to continue non-conforming use.

MAUI

CONSERVATION DISTRICT USE APPLICATION FOR PERIODIC MAINTENANCE OF KALIALINUI GULCH AND STREAM, KAHULUI, MAUI, Dept. of Transportation, Airports Division /Dept. of Land and Natural Resources

The proposed project consists of the periodic clearing of silt, sand and debris due to accretion at the mouth of Kalialinui Gulch at TMK:3-8-01:19. The work is necessary to insure the unobstructed flow of water in the gulch to the ocean. Blockage of flow during times of heavy rain creates a backup of water that causes flooding conditions in the adjacent developed areas at Kahului Airport. The accreted material at the mouth of the gulch will be bulldozed to either side of the gulch of zero elevation. As this material's makeup is the same as that found along the shoreline, removal and spreading of it on either bank of the gulch should pose no problems. The volume of material to be moved will be approx. 400 cubic ft. This work will be performed approx. 4 times a year when conditions require appropriate attention and action.

HALE LAULEA SUBDIVISION, KAHULUI, MAUI, County of Maui Dept. of Human Concerns

The County of Maui Department of Human Concerns, Division of Housing is proposing a 64 residential lot subdivision to meet current moderate and low-middle income housing needs. This project is one of several similar projects that the County is either proposing, are developing or have developed. The project site is at the southern fringe of urbanized Kahului, at West Papa Avenue and Pomaikai Street, across from Maui High School, TMK:3-8-07:106. The County of Maui is proposing to develop this project as an experimental and demonstration housing project utilizing the "Zero Lot Line Concept" with a minimum 5,000 sq. ft. house lots; two adjoining dwellings will have a common carport wall at the boundary line. This concept will allow the creation of smaller individual lots with the best side yard configuration. This concept is compatible with the County's objective of minimizing the cost of development. The cost savings will be passed on to the prospective lot owners. The proposed project site is designated on the County's adopted Wailuku-Kahului General Plan as residential and on the Kahului zoning map as residential R-2. The site is designated as single family residential on the proposed Wailuku-Kahului Community Plan. The property is presently vacant and is an abandoned Passion Fruit Farm. It is presently overgrown with heavy brush and grass with scattered kiawe trees.

WEST MAUI HOUSING PROJECT, LAHAINA, MAUI, County of Maui Dept. of Human Concerns

The County of Maui proposes to subdivide for single family residential lots, 13.506 acres just mauka of the existing Napili Hau Planned Unit Development. Maui Land and Pineapple Company owns the land and will be donating it to the County for the development of affordable house lots. The proposed subdivision is located in Honokeana and Alaeloa, Lahaina, Maui, Hawaii. The property is identified as being a portion of Parcel 1 of TMK:4-3-01, of the 2nd Tax Division, State of Hawaii. The proposed subdivision will provide minimum lot areas of 6,000 sq. ft. and an average of 7,100 sq. ft. Improvements for the project development include clearing

and grading, installation of various site utilities, including waterlines, sewerlines, drainlines, street lights and underground electrical and telephone systems, widening and extending Kohi Street across the frontage of the property, constructing four new streets, and installation of offsite sewer and drainlines. The land's historical use has been growing pineapples, and that is the existing use. The State Land Use Commission redesignated the land from Agriculture to Urban in 1970, and subsequent designations by the County General Plan, West Maui Community Plan, and county zoning are for school and residential development. In 1981, DOE notified the County that it did not need the site for a school.

GENERAL PLAN AMENDMENT AND SUBDIVISION FOR UPPER PAIA HOUSING PROJECT, PAIA, MAUI,
County of Maui Dept. of Human Concerns/
State Land Use Commission, Maui Planning Dept.

The County of Maui, Department of Human Concerns, Division of Housing, proposes the development of approx. 190 residential lots to meet current low, moderate, and middle income housing needs. As proposed, these lots will be provided to the people after the area has been subdivided and on-site improvements have been constructed. The land identified as TMK:2-5-05:43 and :48 and portion of TMK:2-5-05:19, is presently owned by Alexander and Baldwin, Inc. and will be donated to the County of Maui. The County of Maui plans to subdivide the parcel (approx. 47 acres of land) into 190 lots and one ball field (approx. 2.05 acres). The average gross lot size will be approx. 7,400 ft.². These lots will then be made available for purchase to the people who are currently on the waiting list of the Maui County Home-ownership Program for low, moderate, and middle income families. Two major actions are required: 1) from the State Land Use Commission, the County of Maui is requesting a land use designation change from Agriculture to Urban for approx. 47.061 acres of land; and requesting a Community Plan Amendment from Agriculture to Residential for approx. 47.061 acres of land from the existing Paia General Plan No. 15. Currently, the County is preparing a Community Plan for the Paia-Haiku Region

which will reflect the proposed land use change from Agriculture to Urban. The project site was and still is in residential use. The project site contains approx. 37 houses (32 occupied), a gym and a water tank. A few of the homes (approx. 5) have been abandoned. Originally the project site contained 68 plantation-type houses, a National Guard Armory, and a theater. Most of the homes are in poor condition and probably do not meet current building codes. A survey will be conducted to determine the feasibility of refurbishing the existing homes and a determination will be made as to whether a structure should be demolished or refurbished. In the event a house were to be demolished, the occupant would be relocated and all available assistance provided by the County of Maui. The current residents are on a month-to-month rental agreement and pay approx. \$45.00 per month for rent. They will be given first priority to purchase the lots and existing homes. The gym will continue to be operated by the County and the water tank may be relocated.

REGISTER OF SHORELINE PROTECTION ACT

The projects listed in this section have been filed with the County agencies pursuant to Chapter 205 HRS as amended, relating to the Special Management Area (SMA) of the State. For additional information, please call the pertinent county agency: Hawaii Planning Dept. 961-8288; Honolulu Dept. of Land Utilization 532-4077; Kauai Planning Dept. 245-3919; Maui Planning Dept. 244-7735.

HEEIA KEA SUBDIVISION, KOOLAUPOKO DISTRICT, OAHU, Gray, Hong and Associates, Inc. agents for Hawaiian Electric Company, Inc./Dept. of Land Utilization, City and County of Honolulu

Hawaiian Electric Company, Inc., through its project Manager, Cowell & Company, Inc., proposes improvements for approx. 219.059 acres kahuku of Heeia Pond as identified by TMK:4-6-06:1,24,7 through 16 and 22 through 51 and 4-6-16:32. This is Kamehameha Schools/Bishop Estate land, under lease/agreement-of-sale to Hawaiian Electric. Approx. 102 acres adjacent to Kamehameha Hwy. are zoned R-6 Residential and the remaining 116.1 acres, located to the

rear and mauka are zoned P-1 Preservation. The developer proposes the following improvements, which require a Special Management Area Permit and a subdivision approval:

- a. 389 R-6 Residential lots on 69.2 acres.
- b. 29 existing lots on 14.3 acres.
- c. 1 parksite on 3.5 acres.
- d. 1 existing Hawaiian Electric Company Baseyard on 2.0 acres.
- e. 12 roadways on 13.0 acres.
- f. 1 P-1 Preservation Remainder Lot on 116.1 acres.

The proposed project will also include the onsite construction of a drainage system, water system, sewage collection system and underground electric, telephone and cable systems. Approx. 2.4 miles (12,500 linear ft.) of 56-ft. and 44-ft. right-of-way roadways constructed to City and County of Honolulu Standards are proposed for access to the project site. Two major intersections (56-ft. right-of-way) and one minor intersection (32-ft. right-of-way) with Kamehameha Hwy. are proposed. The highway is under the jurisdiction of the City and County of Honolulu. Kamehameha Hwy. has a 50-ft. right-of-way; however, the proposed functional plan indicates a 60-ft. right-of-way. Highway improvements will include the creation of two intersections with left turn storage lanes for access into the project site. No highway widening is anticipated. The proposed residential lots and improvements are within a 200± acre drainage basin consisting of six sub-basins ranging in size from 6 acres to 54 acres. The storm water runoff from the sub-basins will vary between 50 cfs and 300 cfs. The total storm water runoff from the project is approx. 1000 cfs. A drainage system installed to City and County Standards is proposed to provide adequate drainage. All drainage will ultimately enter Kaneohe Bay. There are four drainage structures passing under Kamehameha Hwy. and entering the Bay under existing conditions. These structures will be analyzed to determine adequacy. If necessary, additional drainage structure(s) will be constructed. A water

supply system constructed to Board of Water Supply Standards is proposed. The system will consist of transmission main, fire hydrants and service laterals. The project's water system will connect to the existing 272' Punaluu System within Kamehameha Hwy. All proposed lots are below the 170 ft. elevation, thus, the Punaluu System will provide adequate pressure and no on-site storage reservoir is proposed. Adequate water supply is presently available from the Punaluu System; however, a determination of water availability/commitment will be made by the Board at the time when construction plans are submitted for approval. Preliminary estimates indicate approx. 40,000 cubic yards of earthwork (embankment and excavation) will be required to establish road grades and acceptable lot slopes. It will be possible to balance earthwork on the site, i.e., excavation will equal the amount of embankment and therefore eliminate the need to import or remove material. The area to be graded has slopes varying from nearly level to 30 percent under existing conditions. After grading is completed, the maximum roadway grade will not exceed 12 percent and all lots will be suitable for house construction.

ENVIRONMENTAL IMPACT STATEMENTS

EIS's listed in this section are available for review at the following public depositories: Environmental Quality Commission; Legislative Reference Bureau; Municipal Reference and Records Center (Oahu EIS's); 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 by project description).

EIS AVAILABLE FOR COMMENT. *Comments on the following EIS's may be sent to: 1) the accepting authority; and 2) the proposing agency (indicated on the EIS routing slip). Please note the deadline date for submitting written comments on the EIS.*

MOANALUA COMMUNITY LIBRARY, MOANALUA, OAHU,
Dept. of Accounting and General Services for
the Dept. of Education

The Department of Education, State of Hawaii proposes the construction of a ~~community library to service Salt Lake~~ Moanalua Valley. Six alternative sites are considered, all on vacant urban land. The Moanalua area is presently serviced every three weeks by a bookmobile from Pearl City. Benefits of the new library will be increased with convenient library services providing educational and informational opportunities to the surrounding communities. The library will also provide facilities for community meetings. The library service area will include Salt Lake, Aliamanu, Moanalua, Foster Village and military housing areas. The center of the service area is the Salt Lake area. The library will have a floor area of 10,650 sq.ft., including a Story Telling/Meeting Room with a capacity of 100 seats. Construction of this library will remove approx. 30,000 sq. ft. of land from the tax base if a privately owned site is selected. Construction expenditures for the library will be an estimated \$1,500,000 for facilities and \$300,000 for the land based on January 1981 prices.

This EIS is also available for inspection at the Aiea, Kalihi-Palama, Liliha, Manoa, McCully-Moiliili, Mililani, Wahiawa, and Waipahu Libraries.

Deadline: December 23, 1982.

MAUNA KEA SCIENCE RESERVE COMPLEX
DEVELOPMENT PLAN (SRCDP), MAUNA KEA,
HAWAII, University of Hawaii

Previously reported on November 8, 1982.

This EIS is also available at the following community libraries: Bond Memorial, Holualoa, Honokaa, Kailua-Kona, Keaau, Kealakekua, Laupahoehoe, Mountain View, Thelma Parker, and Waimea.

Deadline: December 8, 1982.

EIS'S SUBMITTED FOR ACCEPTANCE.

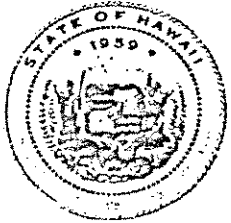
The following EIS's have been submitted for acceptance and contain comments and responses made during the review and response period.

KITANO HYDROELECTRIC PROJECT, KEKAHA, KAUAI,
Kekaha Sugar Co., Ltd./Dept. of Land and
Natural Resources

Previously reported November 8, 1982.

This EIS is also available for inspection at the Hanapepe Library, Kapaa Library, Koloa Community-School Library, and Waimea Library.

Status: Currently being processed by the Board of Land and Natural Resources. Granted extension for acceptance until December 8, 1982.



EQ BULLETIN

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