



# OEQC BULLETIN

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

GEORGE R. ARIYOSHI  
GOVERNOR

LETITIA N. UYEHARA  
DIRECTOR

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## REGISTER OF CHAPTER 343, HRS DOCUMENTS

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All Chapter 343, HRS documents submitted for publication in the OEQC Bulletin must be addressed to the Office of Environmental Quality Control, 465 South King Street, Room 104, Honolulu, Hawaii 96813. Documents addressed otherwise will not be considered for publication.

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### 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.

#### KAHAWAINUI STREAM FLOOD CONTROL PROJECT, LAIE, OAHU, City and County of Honolulu Dept. of Public Works

The proposed project will consist of channel improvements and a levee along the right bank of Kahawainui and Laiewai Streams to relieve the flooding problems in the area. The levees would be about 1,760 ft. in length and would have a maximum height of about 12.6 ft. The levees would consist of compacted earth-fill with the side slope along the stream lined with concrete riprap downstream of Station 27+70 to prevent erosion of the levee by the floodflows. The backside slope and levee crest would be grassed. A concrete I-wall would be provided between Stations 27+70 and 30+33. The existing stream would be

realigned upstream of Kamehameha Hwy. and replaced with a trapezoidal channel from the bridge to Station 21+00 for a length of about 490 ft. The channel would be concrete lined from the bridge at Station 16+40 to Station 17+50 and concrete riprap lined from Station 17+50 to Station 21+00. The State-owned Laiewai Bridge on Kamehameha Hwy. would be modified by clearing and excavating the stream under the bridge and lining the invert under the bridge with concrete riprap. The bridge abutments would be extended to Station 16+50 to form a wedge type transition to the upstream channel improvements. Bridge pier extensions would be provided to improve flow considerations and reduce debris impacts. Flows would pass through the modified bridge and another wedge transition downstream of Kamehameha Hwy. and into the existing Kahawainui Stream. Flows exceeding the stream capacity of about 400 cu. ft. per second below the project limits will overflow within the park site and discharge as sheet flows to the ocean. Project land and easements for the channel and levee will require about 5.3 acres of land. The channel improvements would require relocation of one residential structure and three sheds

which are situated on the left bank and center of the channel above Kamehameha Hwy.

Contact: Mr. Warren Yamamoto  
Division of Engineering  
Dept. of Public Works  
650 S. King St., 15th Floor  
Honolulu, HI 96813

Deadline: November 24, 1986.

HANALEI RIVER HYDROELECTRIC PROJECT,  
HANALEI, KAUAI, Island Power Co.,  
Inc./Dept. of Land and Natural Resources

The applicant has filed a conservation district use application for a 6.0 MW hydroelectric project with accessory uses along the Hanalei River on TMK: 5-4-1:1; 5-4-2:2; and 5-3-1:3 at Hanalei, Kauai. The applicant proposes to divert water from the Hanalei River by means of a concrete diversion weir approx. 10 ft. high, at an elevation of 650 ft. above MSL. The water will be conveyed through an above ground pressure penstock approx. 26,600 ft. long, varying in diameter from 42 in. to 56 in. Additional diversion of water will also be made from several of the larger tributaries to the Hanalei River on its westerly side. The proposed penstock will route the water to a powerhouse approx. 45' W x 50' L x 30' H, which will contain 2 pelton turbines and generators. The powerhouse will be situated on the westerly bank of the Hanalei River and will discharge the water back into the river just upstream from the China Ditch Diversion at an approx. elevation of 50 ft. above MSL. A new above ground 69 KV transmission line approx. 4,200 ft. long will interconnect to the existing Kauai Electric Transmission Line near the Hanalei Homesteads. The existing Kauai Electric Transmission Line will be upgraded to 69 KV, between the point of interconnection and the Princeville Substation, which is an approx. distance of 13,350 ft. The electricity will be sold to Kauai Electric, which will be distributed to their customers. A new access road approx. 12 ft. wide along the

penstock route which will allow access from the existing road near the Hanalei Homesteads to the diversion weir is also proposed for construction. Continuous use of the lands for operation and maintenance of the proposed project will be necessary.

Contact: Mr. Jeff Burt/Mr. Mervyn Kimura  
Island Power Co., Inc.  
P.O. Box 625  
Kalaheo, HI 96741

Deadline: November 24, 1986.

PROPOSED SECONDARY RESORT AREA  
DESIGNATION AT MOKULEIA, OAHU, Mokuleia  
Development Corporation/City and County  
of Honolulu Dept. of General Planning

Previously published October 8, 1986.

Contact: Mr. Barry R. Okuda  
Barry R. Okuda, Inc.  
Pauahi Tower, Suite 1900  
1001 Bishop Street  
Honolulu, Hawaii 96813

Deadline: November 7, 1986.

PROPOSED RESORT HOTEL AT PAUOA BAY,  
KALAHUIPIUA'A, SOUTH KOHALA, HAWAII, The  
Ritz-Carlton Hotel Co./County of Hawaii  
Planning Dept.

Previously published October 8, 1986.

Requests to be consulted and comments should be sent to:

Mr. Glen T. Koyama  
Belt, Collins & Associates  
606 Coral Street  
Honolulu, Hawaii 96813

With a copy to:

Mr. Albert Lono Lyman, Director  
Planning Department  
County of Hawaii  
25 Aupuni Street  
Hilo, Hawaii 96720

Deadline: November 7, 1986.

## 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 EISs (EIS Rules 11-200-11).  
~~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.

### KAUAI

#### CONSERVATION DISTRICT USE APPLICATION FOR RENOVATION OF THE KALIHIWAI IRRIGATION DITCH SYSTEM AT KILAUEA, KAUAI, Kilauea Plantations/Dept. of Land and Natural Resources

The applicant proposes the renovation of the Kalihiwai Irrigation Ditch System located on TMK's: 5-2-1: 3 & 4; 5-2-2: 10; and 5-3-1: 2 at Kilauea, Kauai. The Kalihiwai Ditch is part of an extensive irrigation system that was developed, operated and maintained by Kilauea Sugar Co. The total length of the Ditch is approx. 19,867 ft. of which there are approx. 724 ft. of wood flumes and 1,543 ft. of siphons. The Ditch begins at an intake along the Kalihiwai Stream at an approx. elevation of 419 ft. and transports the water through a series of ditches, flumes and tunnels to the intake of an inverted siphon at an approx. elevation of 395 ft. The siphon carries the ditch flow across the Kalihiwai Valley and Stream to the opposite bank with a discharge at elevation 393. A short section of open ditch completes the Kalihiwai Ditch System as it discharges into the Kalihiwai Reservoir. Kilauea Sugar Co. continuously operated and maintained the Kalihiwai Ditch until it ceased operations in 1972. Since the closure of

Kilauea Sugar Co., much of the old plantation irrigation system has suffered from storm damage and lack of maintenance to the point that it is not currently capable of operating as originally designed. Due to the successful introduction of Ocean Spray's Mauna La'i guava drink produced from guavas grown by Kilauea Agronomics, Inc. at Kilauea, Kauai, it is necessary to permanently irrigate approx. 210.5 tree acres of existing orchards from the Kalihiwai Reservoir source located in TMK: (4) 5-2-02: 10. The present lack of the Kalihiwai Ditch flows to the Kalihiwai Reservoir places a high degree of risk on Kilauea Agronomics, Inc.'s ability to provide sustainable acceptable yields of fruit under a demanding harvest schedule. Therefore, the applicant is proposing to restore the Kalihiwai Ditch System to its prior serviceable condition providing irrigation water to the Kalihiwai Reservoir. The proposed renovations to the ditch system are to be made only to restore the system to its original capacity and will occur with as minimal adjacent site disturbance as reasonably possible. These proposed renovations will not alter the width or depth of the ditch from its designed dimensions, will not alter the course or alignment of the ditch system and will not increase the flows in the ditch beyond its original design capacity.

### OAHU

#### CONSERVATION DISTRICT USE APPLICATION FOR AFTER-THE-FACT GRAZING AND RESIDENTIAL USE AT WAIMANALO, OAHU, Thomas K.L. Noa, Sr./Dept. of Land and Natural Resources

The applicant is requesting after-the-fact approval for grazing and residential use of 56.35 acres of State land designated as TMK: 4-1-13:11. The parcel is bounded on the Kaneohe side by acreage listed to Lone Star, on the Kailua side by Bellows Field and on the Waimanalo side by Olomana Golf course. The revocable permit limits the use of the State land to grazing only. It is currently used for pasture purposes with

two corrals and a stable on site. A residence and a bunkhouse on the property are used by the applicant.

THREE-STORY OFFICE BUILDING, WAREHOUSE NO. 6, PIERS 21 AND 22, HONOLULU HARBOR, OAHU, Hawaiian Flour Mills, Inc./State Dept. of Transportation, Harbors Division

The proposed project consists of replacing part of a one-story warehouse with a three-story office facility. The project will consist of demolishing the existing roof and walls of the makai end of Warehouse No. 6. The reconstruction will take place on approx. 4,840 sq. ft. of land area. The usable floor area of the new three floors will be approx. 13,877 sq. ft. The new building will be used for the applicant's administrative, operational, sales, purchasing, and computer offices. The ewa side of the building will be contiguous to its present warehouse.

CONSERVATION DISTRICT USE APPLICATION FOR SUBDIVISION AT TANTALUS, OAHU, Randolph Galt/Dept. of Land and Natural Resources

The applicant is proposing the subdivision of an 8.533 acre parcel (TMK: 2-5-16:1) at 4191 Roundtop Dr. into 3 lots. The property was subdivided in the early 1900's as described in a subdivision map (prepared by George F. Wright) dated September, 1911. With the property being managed by Bishop Trust, the 3 lots have been assessed for property tax purpose as one parcel. Currently, the property is under the ownership of 2 parties, one having 2/3 interest (applicant) and the other 1/3 interest (Donald Tau Kong Ho and Mildred Quon Ho). For estate planning purposes, the applicant proposes to subdivide the land into 3 parcels as described in the 1911 survey map. No development is contemplated at this time.

WAIMALU STREAM MAINTENANCE DREDGING PROJECT (MOANALUA ROAD TO PEARL HARBOR), WAIMALU, EWA, OAHU, City and County of Honolulu Dept. of Public Works

The proposed project involves the dredging of the lower end of Waimalu Stream from 200 ft. seaward of the former railroad right-of-way adjoining Pearl Harbor to Moanalua Rd. (TMK: 9-8-07: 08 and 23), for a length of about 3,800 ft. The maintenance dredging work will consist of the removal of silt, sediment and debris build-up. The stream will be dredged to the same cross sections as they appeared after the completion of the stream widening and deepening project undertaken by the City in 1972. The dredging work is required to restore the storm flow capacity for flood protection and to restore the silt settlement and storage functions of the stream. The dredging work will be performed with a hydraulic suction dredge which will discharge the material into an ocean-going barge moored in Pearl Harbor. The dredged spoil will be transported to and dumped at the U.S. Environmental Protection Agency designated "approved ocean disposal site". Approx. 54,000 cu. yds. of material will be dredged. The project's estimated cost of \$2,000,000 will be borne entirely by the City. The work is expected to take 6 months to complete.

CONSERVATION DISTRICT USE APPLICATION FOR PIPELINE RELOCATION AND EASEMENT MODIFICATION, EWA, OAHU, Hawaiian Independent Refinery, Inc./Dept. of Land and Natural Resources

The applicant is requesting approval for the relocation of a 30-in. pipeline caused by Hurricane Iwa and an easement modification reflecting the change involving State lands offshore, TMK: 9-1-26 and 9-1-31, at Ewa, Oahu. The 30-in. pipeline used primarily for unloading crude oil will remain in its present position. However, the new location of the pipeline does require more land than the 3.535 acres originally provided in easement S-4606.

WAIKIKI ELEMENTARY SCHOOL PLAYCOURT, WAIKIKI, OAHU, Dept. of Accounting and General Services for Dept. of Education

The project proposes the construction of an approx. 7,000 sq. ft. paved playcourt to accommodate basketball, volleyball, and badminton. The estimated cost of construction is \$81,000. The project will provide the school with a much-needed facility to implement its physical education program.

HOKULANI ELEMENTARY SCHOOL PARKING LOT IMPROVEMENTS, HONOLULU, OAHU, Dept. of Accounting and General Services for Dept. of Education

The project proposes the construction of driveway and parking lot improvements to accommodate buses. Work will include demolition, earthwork, paving, striping, curbing, sidewalks, and other related items. The estimated cost of construction is \$75,000. The project will be constructed within the existing school campus.

MAUI

SALE OF WATER LEASE (LICENSE) AT PUBLIC AUCTION, KOOLAU FOREST RESERVE AND HANAWI NATURAL AREA RESERVE, HANA AND MAKAWAO DISTRICTS, MAUI, Dept. of Land and Natural Resources, Division of Land Management

The Dept. of Land and Natural Resources proposes to combine four (Nahiku, Keanae, Huelo and Honomanu), previously separate, water license areas under a single water lease encompassing the same general geographical area, except along the makai boundary where the new boundary will follow the lowest level ditch, the Hana Belt Rd. or the Forest Reserve line, instead of extending all the way to the sea. Also, the easterly half of the former Nahiku license area will be deleted from the new lease. The water lease area has been reduced by 3 major adjustments from the previous water license area boundaries in an effort to reduce the area to only that portion of the watershed directly contributing to the ditch flow. In addition to more accurately representing the actual area

contributing to ditch flow, the reduction allows the excluded areas to be leased to other water users. Consolidation is proposed since the four water license areas are all part of the same water collection and delivery system extending from Nahiku to Honopou. As such, a single water lease is considered to be more desirable and advantageous for management and maintenance purposes. No physical changes are proposed; only the continued maintenance of existing water system features such as intakes, ditches, tunnels, telephone, and power lines and access/service roads, will be required in the water license. The Dept. proposes to include in the new lease, all applicable provisions of the unexpired Honomanu license (General Lease No. S-3695), including the following provisions:

- o proper maintenance of roads, communication and telemetry systems, trails, and the water system;
- o the right to develop new water sources;
- o the right of the State to issue further licenses;
- o protection of the watershed;
- o the right of the lessee to use, operate and maintain on the leased area, jointly with the State and others, the existing aqueduct system and all extensions thereof in accordance with the 1938 Agreement;
- o the right of the State under certain limitations to withdraw at any time for domestic purposes including the watering of livestock, the government-owned surface and ground waters;
- o the right of the State to withdraw during a water emergency and certain conditions all or such portion of the government-owned water necessary to meet the emergency;
- o availability to the State of all water measuring records;
- o the State retains the right to withdraw water for the benefit of downstream residents for domestic purposes and irrigation of Kuleanas entitled to the same.

Also, the following additional provisions are to be provided:

- o the public right to hunt and fish within the lease area, including ~~rights of way to these areas to be~~ coordinated between the lessee and the State;
- o prior State approval of all new road construction, grading or clearing and development of new water sources ~~within the license area;~~
- o the right of the lessee to sell to the County of Maui, a certain amount of water under terms and conditions established and approved by the State.

HAWAII

SOUTH KOHALA EXPLORATORY WELL, WAIMEA, HAWAII, Dept. of Land and Natural Resources, Division of Water and Land Development

The objective of this project is to drill and pump test a new ground water source (TMK: 6-3-1:4) near Waimea in order to augment and enhance the dependability of irrigation water supply in the South Kohala community. The new source would supplement the Waimea Irrigation System that presently serves the Hawaiian Home Lands agricultural subdivisions, Lalamilo Farm Lots, and other homestead lands around Waimea. The proposed well will be drilled at elevation 3,020 ft. in the Kohala Mountains, about 1.2 mi. from Mamalahoa Hwy. and about 4 mi. northeast of Waimea. It will be situated approx. 2,100 ft. mauka of the existing Waimea Reservoir, a 60 MG open storage facility at the 2,960-ft. elevation. Drilling and testing of the proposed exploratory well will involve the following:

1. Drilling depth is expected to be in the range of 2,400 to 2,800 ft.; the maximum depth will be 3,000 ft.
2. A 16-in. casing will be installed: the bottom 200 ft. will be screen and the balance will be solid casing.
3. The upper 200 ft. of annular space will be grouted; the balance of the annular space will be open.

ENVIRONMENTAL IMPACT STATEMENTS

~~EISs 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 EISs); 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 EISs 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.

MAKALAWENA RESORT, MAKALAWENA, NORTH KONA, HAWAII, Kamehameha Schools-Bernice Pauahi Bishop Estate/County of Hawaii Planning Dept.

Previously published October 8, 1986.

This EIS is also available at the Holualoa, Kailua - Kona, Kealahou and Thelma Parker Libraries.

Deadline: November 7, 1986.

KAHUKU HIGH, INTERMEDIATE AND ELEMENTARY SCHOOL, KAHUKU, OAHU, Dept. of Accounting and General Services

The development of a new elementary facility and the additional construction activity for the existing campus (TMK: 5-6-06:03, 09, 10, & 11 (por), 22.8 acres) involves land acquisition of the new elementary facility site (TMK: 5-6-06:11 (por) and 5-6-09:134 (por) and 135-146, 4.74 acres) and two additional parcels for parking (TMK: 5-6-06:19 (por), approx. 0.43 acre) and a drainage retention basin (TMK: 5-6-06:15 (por), approx. 1 acre) for the existing campus. Construction of facilities will take place in increments for both the elementary facility and

secondary school areas. The site for the elementary facility is a parcel adjoining the existing Kahuku High and Elementary School and proposed Kahuku District Park. The land will be purchased from the City and County of Honolulu. The proposed elementary facility location, being contiguous to the existing campus, will be part of the expanded school campus which will encompass the high, intermediate, and elementary grades. The expanded school will retain both elementary and secondary grades under one school administration, while relocating the elementary students away from the existing situation of co-mingling students in the K-12 mixed age groups to a situation where there is a separate area where the buildings and student population are limited to the K-6 age group.

This EIS is also available at the Kahuku Community-School Library.

Deadline: November 24, 1986.

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

DEVELOPMENT OF WELLS, RESERVOIRS, TRANSMISSION LINES AND APPURTENANCES, HONOLULU, OAHU, City and County of Honolulu Board of Water Supply

The proposed water facility improvements will be located within the Honolulu District in the southeast sector of Oahu. The Honolulu water use district stretches from Makapuu Pt., at its eastern extremity, to the Moanalua drainage divide. The area is bounded to the north by the crest of the Koolau Range, and extends to the shoreline which includes the coastal plain of southeastern Oahu. The area comprises 88 sq. miles, and consists of census tracts 1 through 72 inclusively. This district is coextensive with the Honolulu Judicial District and the Honolulu Groundwater Control Area. Wells and springs will be

developed to provide potable water for domestic use. Facilities associated with well development include the well, pump, control building and required transmission lines to connect the new source to the existing water system. Spring collection systems would include concrete walls and enclosures to protect the source from contamination. Water storage facilities are proposed to increase storage capacity and provide a more reliable water supply within the affected service area. The added storage capacity will enable the water system to more easily meet peak demands or emergency situations. The proposed transmission mains will increase transmission capacities. Regional impacts include those associated with hydrology, water quality, flood hazard, spring and stream environments, population, public facilities, economy and displacement. Potential impacts which will be closely monitored by the Board of Water Supply are those of source development upon spring or stream environments. Sustainable yields of basal water sources will not be adversely impacted by proposed source developments. From a long-range planning standpoint, the proposed improvements will facilitate future growth in keeping with the County General Plan. Although import of water from other water districts will still be required with the proposed improvements, these improvements will, nonetheless, help provide adequate water supplies to meet the projected needs of the Honolulu District. The long-term productivity of the basal aquifer is not anticipated to be adversely affected, as the anticipated drafts will be within established sustainable yields.

This EIS is also available for review at the Aina Haina, Hawaii Kai, Kalihi-Kapalama, Liliha, Manoa, McCully-Moiliili and Waikiki-Kapahulu Libraries.

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

EAST AND WEST WAILUAIKI STREAMS  
HYDROELECTRIC PROJECT, HANA DISTRICT,  
MAUI, Garratt Callahan Co./Dept. of Land  
and Natural Resources

Previously published October 8, 1986.

This EIS is also available at the  
Kahului, Hana, Makawao, Lahaina, Molokai,  
and Lanai Libraries.

Status: Currently being processed by the  
Dept. of Land and Natural  
Resources.

WAIOLA ESTATES SUBDIVISION, WAIPIO, EWA,  
OAHU, City and County of Honolulu Dept.  
of Housing and Community Development

Previously published October 8, 1986.

This EIS is also available at the  
Mililani and Waipahu Libraries.

Status: Accepted by the City and County  
of Honolulu Dept. of Land  
Utilization on October 6, 1986.

OOMA II, NORTH KONA, HAWAII, Kahala  
Capital Corporation/County of Hawaii  
Planning Dept.

Previously published September 23, 1986.

This EIS is also available at the Kohala,  
Thelma Parker, Holualoa, and Kailua-Kona  
Libraries.

Status: Accepted by the County of Hawaii  
Planning Dept. on October 8, 1986.

465 SOUTH KING STREET, KEKUAHANA BUILDING #115, HONOLULU, HAWAII 96813

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BULLETIN**

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

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