



OEQC BULLETIN

GEORGE R. ARIYOSHI
GOVERNOR

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DIRECTOR

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

Volume III

April 8, 1986

No. 07

REGISTER OF CHAPTER 343, HRS DOCUMENTS

 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 115, Honolulu, Hawaii 96813. Documents addressed otherwise will not be considered for publication.

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.

CONSERVATION DISTRICT USE APPLICATION FOR REHABILITATION OF REVETMENT AND CONSTRUCTION OF A NEW BREAKWATER AND REVETMENT, SAND ISLAND, OAHU, Dept. of Land and Natural Resources, Division of State Parks

The project site is located along the southeastern coastline of Sand Island State Recreation Area (TMK: 1-5-41:3 and 6). A stone seawall was constructed in 1907 and 1937 on the site; several tide pool areas have developed behind the existing seawall, providing habitat for juvenile fish and a recreational-educational resource for park visitors. The project site is a 2000-ft. section of the 4700-ft. shoreline extending from the southeast corner of the island at the entrance to Honolulu Harbor to the southwest corner at the Kalihi Entrance Channel. This shoreline has been divided

into 5 reaches for describing and assessing its present condition. The project includes Reach 1, 2 and 3. The shoreline conditions and wave climate change dramatically on the western side of the point due to the sheltering effect of the offshore reef and Mokauea Island, as well as the north-south orientation of the shoreline. The nearshore area is shallow sandy-mud flats. There was no apparent erosion along this entire shoreline from the south-west point to the bascule bridge, except for one small pocket of eroded shore about midway along the coast. Approx. 2000 ft. of the south facing Sand Island shoreline is unprotected against wave action because of the partial or complete failure of the original revetment constructed in 1907. The resulting erosion of the shoreline is in a progressive stage and if unchecked will continue to erode state park land and threaten park improvements such as comfort stations, pavilions, showers, observation towers, paved roads and parking areas, utilities and landscaping. Erosion is most severe in the area designated as Reach 3. The extent to which erosion will continue to progress inland cannot be predicted precisely, but because Sand Island is a man-made island consisting of dredged

material from Honolulu Harbor, it is doubtful that the shoreline will reach a stabilized condition without any artificial protection. As such, various alternatives to eliminate or reduce shoreline erosion were evaluated. Both the revetment and the breakwater work equally well in preventing erosion; however, with either one in place the objectives again would not be fully satisfied. In addition, both the public and the Division of State Parks desired to preserve the tide pools behind the existing revetment and to minimize impacts on the nearby surfing areas by offshore structures. To achieve these goals, a combination of revetment and breakwater was recommended by the U.S. Army Corps of Engineers.

Contact: Clyde Hosokawa
 Division of State Parks
 Department of Land and
 Natural Resources
 P.O. Box 621
 Honolulu, HI 96813

Deadline: May 8, 1986.

CONSERVATION DISTRICT USE APPLICATION FOR THE EAST AND WEST WAILUAIKI STREAMS HYDROELECTRIC PROJECT, NAHIKU, MAUI, Garratt-Callahan Company/Dept. of Land and Natural Resources

Applicant proposes to construct a 2.7 megawatt hydroelectric project which will generate electricity from the power of falling water diverted from the East and West Wailuaiki Streams and their tributaries (TMK: 1-1-2:1 and 2; 1-2-4:5; and 1-2-1:2). The plant will generate a maximum of 2,700 kilowatts of power, with a total output of 7.923 million kilowatt-hours of energy annually. This energy will be sold to the Maui Electric Co. for distribution to its customers throughout the island. The water discharged from the power plant will be returned to West Wailuaiki Stream just upstream of the existing diversion and intake of the East Maui Irrigation Co. Koolau Ditch. Major project features include:

1. Four concrete and rock diversion structures on the streams.
2. A forebay of about 0.2 acres surface area.
3. A series of transport conduits (pipeline segments) to carry diverted waters from the streams to the forebay.
4. A 30-in. diameter, 7,700-ft. long steel penstock.
5. Temporary access roads alongside the penstock and transport conduits.
6. A power plant with 1/2-mile access road from the Hana Highway.
7. A 1.5-mile long electrical transmission line.
8. A 2,500-ft. long telephone line for remote supervisory control and data acquisition.

Contact: Randy Rowland
 Associated Engineering
 Consultants
 124 Oakwood Dr., Suite D
 Auburn, CA 95603

Dean Uchida
 Department of Land and
 Natural Resources
 Planning Office
 1151 Punchbowl St.
 Honolulu, HI 96813

Deadline: May 8, 1986.

PROPOSED GENERAL PLAN CHANGE TO URBAN MIXED USE NEAR KUKUI GROVE CENTER, LIHUE, KAUAI, Grove Farm Properties, Inc./County of Kauai, Planning Dept.

Previously published on March 23, 1986.

Contact: Dennis M. Lombardi
 Case, Kay & Lynch
 Attorneys at Law
 P.O. Box 494
 Honolulu, HI 96809-0494

Deadline: April 22, 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

WAIKAEA CANAL NAVIGATIONAL AIDS, KAPAA, KAUAI, State Dept. of Transportation, Harbors Division

The project is located on the shore of Kapaa Beach Park, Kauai and in the ocean waters immediately adjacent to it. The area is mostly beach sand but certain ocean areas have extensive coral reefs. Breaking waves and reefs extend to approx. 1,500 ft. from the shore. At the project's farthest point from land, the ocean is approx. 25 to 30 ft. deep. The project consists of constructing a single station sector range light and installing day markers along the existing channel. The range light will be located near the existing shoreline fronting the Pono Kai Resort and will tell boaters where the channel is by using different colored lights to indicate right, center, or left of the channel. Day markers will consist of H-piles driven into the ocean floor with U.S. Coast Guard approved markers mounted to the piles. Solar powered cells will power the range light and day marker beacons. The launching facility at Waikaea ramp, Kapaa, Kauai, is the only launching ramp within a radius of 9 mi. and is located near prime fishing areas. The ramp is heavily used by commercial and recreational fishermen but extensive local knowledge is required to

navigate the channel which runs between reefs and breaking waves to the open ocean. Because of non-existing navigational aids, boaters can safely use the Waikaea facility only during daylight hours. Night usage could result in being swamped by breaking waves or running aground on a reef.

OAHU

RIVER STREET RECONSTRUCTED SEWER, HONOLULU, OAHU, City and County of Honolulu, Dept. of Public Works

The proposed project involves the construction of approx. 2,800 lineal ft. of 18-, 24-, and 30-inch sewers in River St. and Nimitz Hwy. between Kukui St. and Maunakea St. Construction will be predominantly within the existing road right-of-way. The purpose of the project is to improve the sewer system to accommodate the projected sewage flows for the year 2000. Construction cost is approx. \$945,000.

IMPROVEMENTS AT THE LYON ARBORETUM, UNIVERSITY OF HAWAII, MANOA, OAHU, University of Hawaii

The proposed improvements will take place at the Lyon Arboretum in Manoa Valley. It is located approx. 2 1/2 miles north of the University of Hawaii Manoa Campus--in the Honolulu Watershed and Forest Reserve. The Lyon Arboretum is a research, instructional and public service facility of the University of Hawaii specializing in the botanical sciences. The proposed improvements, including road widening, curve realignment and bus parking facilities, foundation grading for greenhouse and renovations to Building "H", are not anticipated to result in any significant adverse long-term environmental impacts. These improvements will remove safety hazards and maximize the use of existing facilities.

MAUI

POLIPOLI ACCESS ROAD IMPROVEMENT, KULA, MAUI, Dept. of Land and Natural Resources, Division of Forestry and Wildlife

Applicant is proposing a road improvement project which upon completion will provide safer and easier vehicular access to the Kula and Kahikinui Forest Reserves/Game Management Areas and Polipoli State Park (TMK: 2-2-6 and 7). The proposed project is to pave 2.1 miles of the upper section of Polipoli Access Rd. The primary objectives of the project are: 1) to provide safer driving conditions, 2) to provide easier driving, and 3) to prevent further lowering of the road level. Polipoli Access Rd. traverses Kaonoulu Ranch land from about 3,800 ft. to 6,400 ft. It is approx. 5 mi. long with a section below 6,000 ft. in agricultural zone and the section above 6,000 ft. in Conservation District.

HAWAII

WAILOA RIVER CHANNEL IMPROVEMENTS, HILO, HAWAII, State Dept. of Transportation, Harbors Division

The project is located on the shore of Hilo Bay. A littoral current running along the shoreline from west to east transports approx. 2,500 cu. yd. of sand per year into the Wailoa River Channel. Within the past 5 years, the Harbors Division has twice performed maintenance dredging in the channel and has removed approx. 10,000 cu. yd. of sand. In addition, a third maintenance dredging is scheduled for the near future and dredging in excess of 6,000 cu. yd. is anticipated. The new groin will substantially reduce public costs to maintain the channel in a navigable condition. The project consists of constructing a 175 ft. long groin at the west side of the Wailoa River mouth. The groin will be constructed in three sections with the shore section located on the beach and being 60 ft. long with a

top elevation of +6.00 ft. above mean lower low water (MLLW). The transition section is 20 ft. long and has a top slope of 1 ft. vertical drop to 10 ft. horizontal distance. The head section is located in the ocean and is 95 ft. long with a top elevation of +4.00 ft. MLLW. Materials to be used include 1-to 5-pound quarry run stone for the bedding layer, 70- to 120-pound stone for the core, and 700- to 1200-pound stone for the armor layer.

CONSERVATION DISTRICT USE APPLICATION FOR LANDSCAPING AND WALL CONSTRUCTION USE AT KUA BAY, KONA, HAWAII, Peter Smith and Mainiowali Corp./Dept. of Land and Natural Resources

Peter Smith proposes to protect and landscape his property by grubbing a portion of it and by constructing a wall (TMK: 7-2-4:9) at Kua Bay, North Kona. Unwanted grasses and small kiawe trees will be removed, and holes will be filled by grubbing and grading. Various plants will be planted. Cinder soil will be brought in from Holualoa. A sub-surface irrigation system will be installed beneath the cinder soil and changed periodically with water and operated occasionally as needed. The objective is to increase the quality and beauty of the parcel, protect it from storm surf, provide shade in an area subject to relentless sun and which presently has no shade, and make the parcel more amenable for possible future use as a site for a residence. Additionally, Mainiowali Corp. proposes improvements on its property (TMK: 7-2-4:12) at Kua Bay, North Kona. This will include removing a kiawe tree that is dropping foliage which is adversely affecting water quality of a pond on the property; cleaning a 10-foot wide perimeter around the existing pond; removing several small kiawe trees on the property; installing an informational sign to protect the pond; and planting coconut trees for shade.

CONSERVATION DISTRICT USE APPLICATION FOR THE ESTABLISHMENT OF FOOD, BEACH SERVICES, AND LODGING RENTAL CONCESSIONS AT HAPUNA BEACH STATE PARK, HAPUNA, HAWAII, Dept. of Land and Natural Resources, Division of State Parks

The applicant proposes to construct and operate a food, beach services and lodging rental concession within an existing State Recreation Area at Hapuna Beach State Park (TMK: 6-6-2:35 and 41). The concessionaire will be required to provide lifeguards for the beach as a condition to operate the concession. Construction will include a concession building of approx. 1100 sq. ft., appurtenant utility connections and walkways. The objective is to help improve public safety by providing lifeguard services at this beach which is occasionally subject to hazardous swimming conditions. The Board of Land and Natural Resources approved a Conservation District Use Application No. HA-1445 filed for Recreational Camping Concession Purposes for several Hawaii Island State Parks. Hapuna was excluded from approval until a Special Management Area Permit or determination of exempt status for the subdivision action was obtained. The area has since been subdivided under the exempt status. Thus, the concession contract will also include rental of the 6 cabins located makai of Puako Rd. The cabin area includes 21.1 acres which will be included in the lease. No physical changes will be made in the cabin area.

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.

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

Previously published on March 23, 1986.

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

Deadline: May 15, 1986.

Two informational meetings regarding this Draft EIS are scheduled on:

1. April 9, 1986 at 7:00 p.m. at Kalani High School Cafetorium.
2. April 14, 1986 at 7:00 p.m. at Washington Intermediate School.

DRAFT EIS FOR KALAKAUA AVENUE SAFETY AND BEAUTIFICATION PROJECT, HONOLULU, OAHU, City and County of Honolulu, Dept. of Transportation Services and Dept. of Public Works

Previously published on March 23, 1986.

The draft EIS is also available at the Waikiki-Kapahulu Library.

Deadline: April 22, 1986.

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

FINAL EIS CENTRAL MAUI SANITARY LANDFILL PROJECT, County of Maui, Dept. of Public Works

The proposed project is a central islandwide sanitary landfill for the County of Maui. The project site is a portion of the HC&D quarry in Puunene, Maui (TMK: 3-8-3:4, 18, 19). The site is located in the agricultural lowlands of Central Maui, about 3 miles south-southeast of Kahului Airport and 2 miles southeast of Puunene. The HC&D quarry is approx. one-fourth mile east of Pulehu Rd. and is adjacent to the eastern side of Kalialinui Gulch. 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 site is surrounded by cane fields; the quarry is approx. 40 to 50 ft. deep, with steep, vertical sides cut into the soil and rock. The HC&D quarry site is centrally located with respect to the major urban areas of Maui. At the same time, the site is located in a rural area that is not too close to any major cities or towns. This combination of a central, yet rural location makes the site operationally and environmentally well-suited to the development of a major landfill facility. Currently, the County operates four landfill sites on Maui. These landfills were established between 1966 and 1970, and with the exception of the Hana Landfill, all are nearing the end of their useful lives. The problem is most critical at the Waikapu Landfill which has reached its design capacity but is continuing to receive refuse. A new landfill site is needed primarily to replace the Waikapu Landfill. It is also the intent of the new landfill to serve as the County's main landfill facility and to accommodate solid waste volumes of 100,000 tons per year and more as the population increases. 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. The location is also in a low rainfall area which minimizes leachate production.

The final EIS is also available for review at the Kahului, Lahaina and Makawao Libraries.

Status: Currently being processed by Maui County Mayor's Office.

FINAL EIS FOR THE KAUNAKAKAI STATE OFFICE BUILDING COMPLEX, KAUNAKAKAI, MOLOKAI, Dept. of Accounting and General Services for the Division of Public Works

Previously published on March 23, 1986.

Status: Currently being processed by OEQC.

NOTICES

STATE ENVIRONMENTAL COUNCIL MEETING

DATE: Wednesday, April 16, 1986
TIME: 5:00 p.m.
PLACE: Dept. of Health Board Room
Third Floor

PUBLIC NOTICE

The following document is published as a courtesy service for the respective agency identified in the title.

REGISTER OF SHORELINE PROTECTION ACT DOCUMENTS

The project listed in this section has 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.

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.

FINAL EIS FOR A PROPOSED WATERCRESS DEVELOPMENT PROJECT, WAIAWA, OAHU, Watercress of Hawaii, Inc./City and County of Honolulu, Dept. of Land Utilization

Environmental Impact Statement

The applicant proposes a development on 36.9 acres located at Waiawa (TMK: 9-6-3:4, 5, 26-29, 31-34, and 36-38) and zoned AG-1 Agriculture. About 27 acres would be altered. Of this area, five acres are presently utilized for watercress production, and an additional 15 acres would be developed over a 10-year period. The basic cropping system of the additional 15 acres would be for watercress. A total of 20 acres or 54% of the site would eventually be put into watercress production. Other cropping systems, auxiliary roads and barriers, flood plains, process servicing units, and housing facilities complete the overall land-use plan. Proposed land uses include cropping systems (watercress, water chestnut, lotus root, taro, and ung choi), flood control corridor, water distribution center, processing facilities, and tenant/employee housing. The project entails: (1) the utilization of artesian spring water from three major springs on the property, (2) raising the elevation from four to seven feet, and (3) terracing the 20-acres for proposed watercress development. The project is designed to achieve water flow requirements and decrease salt water intrusion. The project will require extensive dredging, landfilling, and other earthwork over a period of 10 years.

STATUS: Accepted by the City and County of Honolulu Dept. of Land Utilization on March 31, 1986.

KAPALAMA MILITARY RESERVATION SALE AND REPLACEMENT PROGRAM, PHASE I, SCHOFIELD BARRACKS, OAHU, Dept. of the Army, Headquarters, United States Army Support Command, Hawaii

Finding of No Significant Impact

The proposed action will provide for sale in fee of land and existing improvements within an area of approx. 14 acres at Kapalama Military Reservation (KMR), Oahu. The property proposed for sale is situated at the northwest corner of KMR and is divided into two roughly equal sections. The eastern portion contains 11 buildings that cover a combined area of 109,500 sq. ft. and are presently used for warehouse storage and repair shop operations. The western portion is vacant and used as a stockpiling site. The proposed sale in fee of the property and existing structures at KMR will not impact the physical environment. Sale of the property will return Federally-owned lands not required for national defense to State, County, or private ownership. Once sold, use of the property will be regulated by the land use policies and plans of the State of Hawaii and the City and County of Honolulu. The proposed action will provide funds to construct new, permanent general purpose warehouses and a consolidated field maintenance facility at East Range, Schofield Barracks Military Reservation that will meet present and future needs of the 25th Infantry Division. The proposed action will provide for a new, permanent industrial-type complex at East Range, Schofield Barracks Military Reservation, with the facilities to be constructed as separate projects over a period of several years. The new complex will consist of the following facilities:

Supply Service and Administration Building, General Purpose Warehouse Complex, and Consolidated Field Maintenance Facility. Presently, support services functions for the 25th Infantry Division are being accomplished in old wooden buildings and sheds that are deteriorating, termite infested, and not readily or economically adaptable to meet mission requirements. Further, these facilities are located at various installations on Oahu. The proposed complex will meet present and future needs of the 25th Infantry Division. The consolidation of various functions and activities at one location will result in improved management and operational efficiency, and savings in manpower and maintenance costs.

FINAL SUPPLEMENTAL EIS U.S. DEPT. OF THE ARMY PERMIT APPLICATION FOR PROPOSED SWIMMING LAGOONS AND MARINA FOR WEST BEACH DEVELOPMENT HONOULIULI, OAHU, West Beach Estates/U.S. Army Corps of Engineers

Previously published on March 23, 1986.

Contact: Col. Michael M. Jenks
Attn: Operations Branch
Dept. of the Army
U.S. Army Engineer
District, Honolulu
Ft. Shafter, HI 96858-5440

Deadline: April 21, 1986.

465 SOUTH KING STREET KEKLANAOA BUILDING #115 HONOLULU HAWAII 96813

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