

ENVIRONMENTAL QUALITY COMMISSION

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

Volume VIII

November 8, 1982

No. 21

REGISTER OF CHAPTER 343, HRS DOCUMENTS

EIS PREPARATION NOTICES

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.

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

The proposed project will consolidate the three main activities of DMPD within Piers 39-42. As previously stated, DSY/ME will remain at its present location in the Piers 41 and 42 area. YB will be relocated from its current Piers 24 to 29 area, to Piers 39 and 40. DT&B will also be relocated, from Piers 21 and 22 to a portion of the Pier 40 area. After Piers 21, 22, and 24 to 26 are vacated, the areas will be utilized for Ship Repair/Marine construction operations. Piers 28-29 will be utilized for General Cargo/Overseas Barge operations. The project site is located within Honolulu Harbor, which is situated on the southeast coast of Oahu. The project area will encompass Piers 39-42 and is defined by TMK:1-5-32: 1,2,3,4,5,8,9,10, and 11; 1-2-25:9,11,12, 13,14,15,16,28,29, and 30. The site consists of a total of 61.097 acres and is bounded by Nimitz Hwy. to the north, Libby Street and Kapalama Military Reservation to the west, and the shoreline to the east and south.

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/OEQC

Kaanapali Resort is located in the Lahaina District, on Maui's west side. The resort contains approx. 2,000 coastal and hillside acres between the communities of Honokowai on the north and Lahaina on the south. Amfac Property Corp., the resort's major landowner and developer, wishes to continue development in the Kaanapali area. Additional resort and residential uses are consistent with both the Lahaina Civic Development Plan and the proposed Lahaina Community Plan. The resort's utility and physical support systems must be expanded to meet the additional demands caused by further development. The Kaanapali Waste Water Corporation (KWWC) is a wholly-owned public utility subsidiary of Amfac, Inc., also the parent company of Amfac Property Corp. It provides wastewater collection and treatment services within the project area. It is the objective of both the County of Maui and Amfac to ensure that current and future volumes of resort wastewater are thoroughly treated according to the standards of the State Department of Health (DOH). In order to manage both current (1.8 million gallons per day, or mgd) and potential resort wastewater demand, they plan to construct

a new wastewater treatment facility as an expansion to the existing County treatment facility in Honokawai. The expansion will occur on an eight acre site adjoining the County treatment facility immediately mauka of Honoapiilani Hwy. at the turn-off to Honokawai. The proposed facility expansion site is on land owned by the State of Hawaii and leased to PMCo. It is legally identified as parcel 2 of the consolidation and resubdivision of TMK:4-4-01:104 and 4-4-02:3 and 29 at Honokowai, Kaanapali, Lahaina, Maui; being a portion of government (Crown) land of Honokowai and Royal Patent 7661, Land Commission Award 76, Apana 2 to William Shaw. While the facility expansion will occupy only about half of the approx. 8 acre site, the entire 8 acres will be removed from cane production as a drainage control measure and to allow for future facility expansion if warranted by community and resort growth. Since the facility expansion will be dedicated to the County, the County Department of Public Works recently received agreement from the State Board of Land and Natural Resources to set aside the site for County wastewater use. A right-of-entry has been granted to the County. Once the Governor and the Legislature approve the executive order authorizing the set aside, the County will have administrative control over the site and can grant Amfac a right-of-entry for construction purposes.

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

The proposed telescope is sponsored by the Science and Engineering Research Council (SERC) of the United Kingdom in collaboration with the Netherlands Organization for the Advancement of Pure Science (ZWO).

The UK/NL telescope will be located at the 13,390 ft. elevation on Mauna Kea on a 2 acre site, approx. 400 ft. below the summit, at the base of Puu Poliahu. The site is currently vacant and undeveloped. In addition to the telescope site, the proposal includes temporary use of a portion of the 30,000 sq. ft. area known as the "skier's parking lot," for a concrete batching plant. The applicant requires use of approx. 20,000 sq. ft. This site, located within the Natural Area Reserve, has previously been used for batching activities. The site will be used for this purpose 3 or possibly 4 times and for no more than one day at a time during the 4 1/2 month construction period. The proposed telescope will consist of a 15 meter disk-shaped reflector housed in a cylindrical enclosure with a flat roof, about 92 ft. in diameter and 88 ft. high. The telescope will resemble a conventional radio telescope. Computer/control room/office and workshop space will be provided, as well as toilet and washroom facility, a 1000-1500 gallon water tank, and batteries to provide a standby power supply. Sewage disposal will be by means of a cesspool or septic tank with leaching field. The facility will also include a 66 ft. by 38 ft. parking area for 4-5 vehicles with truck access and turnaround. A 224 ft. driveway will provide access to the site from the existing spur road from the summit road. Some grading and excavating will be required to prepare the site for construction. Most of the excavated material will be used as fill or for balancing the site. Additional excavating will be required for telephone and power lines and will follow the alignment of the driveway. The site is identified as TMK:4-4-15:9 (por.).

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

Deadline: December 8, 1982.

Reservoir consists of a 24-inch corrugated metal pipe which replaced an existing ditch in the early 1970's. Due to the deteriorated conditions of the existing drain line and inadequate drainage system, the Division of Road Maintenance has reported a history of pipe failures and drain manholes popping during heavy rains at driveways and street crossings. To alleviate these situations, a relief drainage system, consisting of intake structures, manholes, and drain pipes ranging from 18 to 54 inches in diameter will be constructed from Kukui Street along California Avenue and through the State Department of Transportation baseyard. The storm waters will discharge into the Wahiawa Reservoir. The project will serve a total drainage area of 45 acres which will generate a peak ten-year frequency storm flow of 145 cubic ft. per second.

CAPITOL DISTRICT EXPLORATORY CAPROCK WELL,
HONOLULU, OAHU, Board of Water Supply,
City and County of Honolulu

The Board of Water Supply is proposing, within the Capitol Districts, the drilling of a caprock well to provide brackish water for irrigation use by the Department of Accounting and General Services. The well will be located on State property, which is Diamond Head of the State's Vineyard parking structure and bounded by Vineyard Boulevard and Punchbowl Street. The proposed well will be constructed in two phases. During the first phase, the exploratory well will be drilled to determine the quantity and quality of the water resources that could be developed. Should the well prove successful, the exploratory well would then be converted into a production well as part of the second phase. The State will use the caprock water to irrigate their property located within the Capitol District. The proposed exploratory well will be 12-in. in diameter, approx. 50 to 75 ft. deep and cased for the first 20 to 30 ft. It is estimated that the exploratory well will cost approx. \$5,000, produce up to 300 gmp and take up to 4 days to drill. The proposed well site will be located approx. 40 ft. Diamond Head of Punchbowl Street and require an area of approx. 1,000 sq. ft. to accommodate the drilling operations.

CONSERVATION DISTRICT USE APPLICATION FOR
COMMERCIAL FILMING ACTIVITIES, WAIKANE,
OAHU, Mr. Peter Juliano for Universal
Studios/Dept. of Land and Natural Resources

The applicant requests approval to conduct commercial filming activities on State-owned land designated as TMK:4-8-3:13 at Waikane, Oahu. According to the information, Universal Studios is proposing the use of the pier at Waikane and the surrounding areas in the filming of television projects such as "Tales of the Brass Monkey" which was filmed in this area in March of 1982. Filming will be limited to the pier and land owned by the McCandless Marks Estate. No permanent structures are planned to be built on the site. The proposed action will have minimal impact on the area's recreational resources since the foreshore is not accessible by the Public from the adjacent or any nearby property. The shoreline is a mixture of mud, rock, and silt which is covered at high water, and has minimal recreational value, at this time. Recreational boating uses the adjacent channel, and the pier will not affect these activities. The pier area is located below the level of the existing Kamehameha Hwy. and will be only visible from the water and some of the adjacent properties around the bay. The surrounding area is generally undeveloped with a few rental dwellings of the landowner, and the general visual character of the area will not change before during or after filming.

FERNANDEZ VILLAGE REHABILITATION PROJECT,
EWA, OAHU, Hawaii Housing Authority

The proposed project is a 362-unit subdivision that will consist of rehabilitated homes (227 employee rental homes) and new homes (135 homes) covering approx. 62 acres of land located in Ewa, Oahu, Hawaii. All homes are and or will be situated on lots of 3,750 sq. ft. or larger. All rehabilitated and all new homes will comply with all City zoning, building and subdivision requirements, excluding various exemptions that have been granted by the City. On-site Improvements will include the following:
-- Install new sewer system which will tie into the future system.

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.

KAUAI

CONSERVATION DISTRICT USE APPLICATION FOR GUIDED TOURS IN KOKEE STATE PARK AND WAIMEA CANYON ALAKA'I STATE FOREST MANAGEMENT AREA, Kauai Mountain Tours/ Dept. of Land and Natural Resources

The applicant proposes to conduct guided tours through Kokee State Park and Waimea Canyon Alakai State Forest Management Area on the various existing paved and unpaved roads open for public access. Applicant will initially use two 1982 Suburban carryalls for the tours. Each vehicle is a three-quarter ton, four-wheel drive vehicle with a station wagon body, with a seating capacity of eight passengers and one driver. It is estimated that each vehicle will service one tour per day. At this time, it is intended that applicant will be based at the Sheraton Kauai Hotel at Poipu Beach. Tours will originate and end at said hotel and at various pick-up points at other hotels and landmarks on Kauai. Business will not be solicited in the State public recreation area.

PLACEMENT OF UNDERGROUND FUEL STORAGE TANK, LIHUE AIRPORT, KAUAI, Kenai Helicopters, Inc./Dept. of Transportation, Airports Division

The applicant, Kenai Helicopters, Inc., is proposing the placement of an underground fuel storage tank (10,000 gal.). The proposed placement will be on Kenai

Helicopters permitted ramp area at the Lihue Airport. The tank will be cylindrical shaped of fiberglass construction with fuel capacity of 10,000 gallons. The tank measurements are 8' in height and 31' 6.5" long. The system will be placed underground by a licensed and bonded contractor, and will be inspected by the Kauai County Fire Department prior to backfilling. The surface area will be returned to its original contours. The only additions will be an electrical source running underground to provide power to the pump assembly and a vent line running underground from the tank to an obscure position on Kenai permitted ramp area.

27 KEKAHA RESIDENCE LOTS, UNIT 2, KEKAHA, KAUAI, Dept. of Hawaiian Home Lands

The agency proposes to develop 27 single-family residential lots, each with minimum area of 10,000 sq. ft. Utilities and roadways are included in the lot development. The project site is part of a larger area in Kekaha that is owned by Hawaiian Home Lands. It is presently undeveloped and densely covered with kiawe and haole koa trees with scrub undergrowth identified as TMK:1-3-02:17 and 108-120. Surrounding land uses include residences, Kekaha School, Kekaha Park, and a cemetery.

OAHU

CALIFORNIA AVENUE RELIEF DRAIN, WAHIAWA, OAHU, Dept. of Public Works, City and County of Honolulu

The proposed project will consist of installing a relief drainage system to replace the existing drainage facility along California Avenue and through the State Department of Transportation baseyard to Wahiawa Reservoir. The project area is located in the central part of Wahiawa Town which is within TMK:7-3:portions of 2,3,4 and 14. The existing drainage system, located within the private properties along California Avenue, consists of an early 1900 irrigation line of which portions are exposed and majority of the line has only 4 to 6 inches of cover. The existing drainage system located within the State Department of Transportation (DOT) Baseyard between California Avenue and the Wahiawa

MANOA-KAIMUKI INTERCEPTOR RELIEF SEWER,
HONOLULU, OAHU, Dept. of Public Works,
City and County of Honolulu

The project is an extension of the New 24-inch Force Main from the Kahala Sewage Pump Station, including a segment of a 36-inch gravity sewer main which connects to the existing 4' x 6.25' sewer tunnel located within the Waialae Drive-In Theater parking lot near Hoku Avenue. The proposed project consists of the installation of approx. 1,800 lineal ft. of 24-inch sewer force main and 400 lineal ft. of 36-inch gravity main at an average depth of about 10 ft. within City rights-of-way and easements and/or within easements to be acquired by the City. The proposed extension of the 24-inch sewer force main will begin at the intersection of Kilauea Avenue and Waialae Avenue, and extend eastward along the Waialae Avenue right-of-way (generally within the existing sewer/drain easement) to Hunakai Street; north along Hunakai Street to Keanu Street; then west across the Jolly Roger Drive-Inn parking lot (parallel to the existing 10-ft. wide sewer easement) and through the Oceanview Cemetery until it crosses the Waialae Drive-In Theater access road, where it connects to the proposed 36-inch gravity main. The proposed gravity main extends from this point, through the Waialae Drive-In Theater parking area and connects to the existing 4' x 6.25' tunnel near Hoku Avenue.

PETITION FOR LAND USE DISTRICT BOUNDARY
AMENDMENT FROM CONSERVATION TO AGRICULTURE,
WAIALUA, OAHU, Alma Chung/Land Use
Commission

This beachfront parcel, identified as TMK:6-8-08:24, is privately owned and used for open area recreational purposes. No new uses are sought. Redesignation from Conservation to Agriculture will simplify requirements for improving recreational use, without adding the tax burden and development pressure associated with urban designation. The original designation reflected protection of undeveloped beachfront land; adjacent or nearby beachfront parcels have also been redesignated agriculture in the ensuing years.

MAUI

TEMPORARY VARIANCE FOR TEMPORARY LOCATION
OF FOUR TOWERS FOR THE PURPOSE OF
MEASURING WIND SPEED AND DIRECTION AT
TMK:3-6-02:2, MAALAEA, MAUI, Enercon, Inc./
Dept. of Land and Natural Resources

The applicant proposes to erect four towers along a ridge extending from Puu Moe to Honoapiilani Hwy., between Wailuku and Maalaea, Maui for the purpose of measuring wind speed and direction. The towers will be in place for a period of twelve months. No foundation will be required and no permanent surface disturbance will result. The proposed towers are eighty ft. in height and constructed of telescoping-round tubing in twenty ft. sections. The tower will be supported by stainless steel guy wires extending from the pole a distance of 50 ft., and attached to the ground by 3/8 of an inch diameter, 2 ft. long stakes. Data collection is for the purpose of determining commercial viability of wind turbine development at these sites.

MOLOKAI

LAND LICENSE TO QUARRY CINDERS FROM THE
PUU MANINIKOLO CINDER PIT (KAPAAKEA QUARRY
SITE) KAPAAKEA, MOLOKAI, Dept. of Hawaiian
Home Lands

The Department of Hawaiian Home Lands proposes to issue a land license to operate an existing quarry site containing 17± acres, TMK:5-4-03:14, situate at Kapaakea, Molokai. The Kapaakea Quarry Site is on the eastern slope of Puu Maninikolo Cinder Pit. It lies approx. 500 ft. to the east of the Kaunakakai Urban District and approx. 1,000 ft. mauka of Kamehameha V Hwy. The area was originally, and still is, designated and recognized as a quarry site with the Department's proposed use consistent with this designation.

HAWAII

CONSERVATION DISTRICT USE APPLICATION FOR
EASEMENT PURCHASE, KANAHEA FISH POND, HILO,
HAWAII, Kushi & Kushi, Attorney, agent for
Bobbie's Steak and Lobster, Inc./Dept. of
Land and Natural Resources

- Install a new water system per BWS standards and replace the existing 3/4" pipes.
- Install a new drainage system to carry storm runoff to makai ponding area and eventually to a new system.
- Install overhead electrical, telephone and lighting system.

Off site Improvements will include the following:

- Frontage improvements along Renton Road.
- Connect off-site sewer system to on-site sewer system to terminate at Honouliuli.
- Connect on-site water system to enlarge main along Renton Road. Present water system will be utilized until the public water system is operational.
- Construct enlarged off-site drainage system to connect with new drainage system.
- Install overhead electrical, telephone and lighting systems along new roadways.

The project site is located in Ewa; generally bounded by Mango Tree Road, Aleloa Road, Renton Road and Fort Weaver Road. Road accessibility is via Renton Road and Fort Weaver Roads. The site is identified by TMK:9-1-17: portion 4. The State Land Use Designation is Urban; the existing zoning is R-6 and AG-1, and the existing County General Plan is Secondary Urban Center. The topography of the site is generally level; soil conditions are generally Honouliuli clay and the site is not in a Flood/Tsunami Area or within the Shoreline Protection Area.

INCREASE HEIGHT OF BASEBALL LEFT FIELD FENCE, MOANALUA HIGH SCHOOL, OAHU, Dept. of Accounting and General Services for the Dept. of Education

The project consists of the design and construction of a 180 ft. long, 24 ft. high chainlink fence behind the existing 24 ft. high baseball left field fence at

Moanalua High School. The estimated cost of the design and construction is \$24,000.00. Since the project will be constructed within the existing school campus, no land will be removed from the tax base. The project will provide the school with a much needed facility to help prevent property damage to cars and personal injury to adjacent residents by minimizing the number of fly balls that enter the adjacent property. The project will not create any major environmental impact. The increase in fence height may create a minor visual impact. A height variance from the zoning code will be required.

JONATHAN SPRINGS WELL, HONOLULU, OAHU, Board of Water Supply, City and County of Honolulu

The proposed project will involve the development of the exploratory Jonathan Springs Well. The project consists of the construction of an electrical pump unit rated at 1. mgd capacity (average withdrawal per day per year will be 1.0 mgd), a control building and a connecting water transmission line from the well to the existing main on North School Street. Approx. .25 acres of land will be required for the well and control station. Other sections of this report will provide information on the impact on the aquifer, water demand and pumpage, and other relevant information. The Jonathan Springs Well (TMK:1-6-05:portion of parcels 30 and 31) is located in Jonathan Springs Park, which is also referred to as Loi Kalo Botanic Garden. It is located makai of School Street, ewa of Pohaku Street Extension, directly east of Damien High School, next to Kapalama Drainage Canal. The only vehicular access to the well site is from Loi Kalo Place off North School Street.

LAND USE DISTRICT BOUNDARY AMENDMENT FROM CONSERVATION OF URBAN, WAIALAE NUI, OAHU, Libbie, Inc./Land Use Commission

The applicant is requesting reclassification of 55,000 sq. ft. (1.26 acres) adjacent to a six single-family development on Waialae Nui ridge. It is to be used to construct two tennis courts, a pavilion, and a partially-covered lanai, with pedestrian access only and no water or toilet facilities, for the use of six households. Located in a watershed area, paving will cover only 16,000 sq. ft.

has determined that 7 additional telescopes is reasonable and feasible number of telescopes to expect between now and the year 2000 (PART VI). Three telescopes have been proposed for construction during the 1980's. They are: (1) the California Institute of Technology (Caltech) 10-meter submillimeter telescope (CDUA filed June 12, 1982); (2) the Science and Engineering Research Council (SERC) of the United Kingdom 15-meter millimeter-wave telescope (UK/NL MT) (CDUA filed August 27, 1982); and (3) a 10-meter optical/infrared telescope sponsored by the University of California (UC TMT) and proposed to begin construction by late 1984. From analyses of possible telescope demand by both national and international institutions it is assumed that of all requests for permission to locate additional telescopes on the mountain, one additional millimeter-wave telescope; two additional 10-meter optical/infrared telescopes; and one National New Technology Telescope (NNTT) (a 15-meter [600-inch] optical telescope), will request permission to locate within the Science Reserve before the year 2000. The SRCDP recommends that the road to the summit be improved and paved for safety, maintenance, and environmental reasons (PART VII); paving will require an amendment to the 1977 Mauna Kea Plan. The road improvements are only in the planning phase; a design consultant has not been selected as yet. Visitor parking areas are proposed along the summit access road and within the summit area. It is anticipated at this time that the parking areas will be constructed in conjunction with improvements to the various road segments. A transmission line is being planned to transmit electrical power from the existing 69-KV HELCO powerline (parallel to the Saddle Road) to a substation and from this point a 12-KV line to the existing central distribution transformer at the 13,040-ft. elevation of the summit. Four alternative corridors and associated substation and switching station locations for the 69-KV line from the Saddle Road to Hale Pohaku are being considered. Both underground and overhead installations are being evaluated for each corridor. The SRCDP recommends overhead powerlines along this route. Construction of overhead powerlines will require an

amendment to the 1977 DLNR Mauna Kea Plan. The 12-KV powerline from Hale Pohaku to the summit will be underground. The projected increase in the number of telescopes at the summit by the year 2000 will generate the need for expansion of the mid-level facilities at Hale Pohaku. There is space for additional dormitories in an already disturbed area near the temporary UH buildings. A 1,200 sq. ft. visitor reception area and Information Station is being constructed as part of the permanent mid-level facility at Hale Pohaku. The Information Station is expected to serve as the control point for management and monitoring of the mountain. Usage of the Information Station and adjacent parking area will be monitored. Expansion of astronomy facilities at the summit and paving of the access road may create demands for additional facilities within the Information Station or for additional parking spaces. The presence of a total of thirteen telescopes at the summit will change the visual appearance of the area. Some of the new telescopes may also be visible from populated areas on the Island of Hawaii, although the appearance of the mountain, as seen from Hilo, is not expected to change significantly from present conditions. The use of the summit and Hale Pohaku areas by an increased number of astronomers and visitors could adversely affect the biota of the area. Increased foot traffic in vegetated areas could result in some plants being trampled. Increased traffic to and within the area also increases the chance of new exotic species being introduced into the area. Construction of the powerline overhead or underground between the Saddle Road to Hale Pohaku will involve the removal of some mamane trees; a significantly greater number of trees will be removed for underground construction of the powerline as compared to overhead construction.

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

Deadline: December 8, 1982.

county agencies: Hawaii Planning Dept.,
961-8288; Honolulu Dept. of Land
Utilization, 523-4077; Kauai Planning Dept.,
245-3919; Maui Planning Dept., 244-7735.

City and County plans and standards.
Presently, the sewage master plan calls for
a connection via a system of force mains.

60-LOT RESIDENTIAL SUBDIVISION MAUKA OF
KAMEHAMEHA HIGHWAY, KAALAEA, KOOLUAPOKO,
OAHU, Dept. of Land Utilization, City and
County of Honolulu

This is a reissue of a negative declaration
which was published on August 23, 1980
under Ordinance 4529.

The applicant proposes to subdivide a
14.218-acre parcel of land into a 60-lot
residential subdivision, including the
necessary infrastructure. A portion of
the parcel lies within the Special
Management Area (SMA) (about 20 lots).
A portion of the proposed drainage system
will be located within the 40-ft. Shore-
line Setback Area. The lot sizes in the
proposed subdivision will vary from
7,500 to 19,120 sq. ft. There will be one
main 44-ft. wide roadway, with three
minor subsidiary roads, also 44-ft. wide.
The applicant proposes to elevate the
lower one-third of the parcel above the
base flood elevation of 10 ft. above
Mean Sea Level (MSL). The unlined
drainage ditch along the southern property
boundary will be improved to a 22-ft. wide,
5.25 ft. deep, concrete-lined drainage
channel. The existing 30-inch pipe
culvert under Kamehameha Hwy. will be
replaced by a 4-ft. deep, 10-ft. wide,
concrete culvert. The makai end of the
box culvert, which will be at the
makai right-of-way boundary of Kamehameha
Hwy., will be located approx. 35 ft. from
the certified shoreline. The makai invert
of the proposed box culvert will be at
sea level. Drainage effluent will dis-
charge over unencumbered State lands
into Kaneohe Bay. A drainage study was
accepted by the Department of Public
Works (DPW) on March 31, 1980; however,
the study was prepared only for the
grading of the upper section of land and
does not include the subdivision of the
lower portion of land. The applicant
is willing to construct, at his expense,
the sewage infrastructure to connect the
proposed project to the Ahuimanu Sewage
Pump Station (SPS), in accordance with

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

The proposed Kitano hydroelectric project would harness energy from the natural des-cension of water along a two-mile segment of the Kitano branch of Kokee ditch. The project would essentially consist of a 9,100 ft. long penstock (a pipeline for conveying water to a power plant), a power plant, a 1/2 mile access road to the power plant and a power transmission line. Additional forebay capacity above that presently provided by Puu Lua Reservoir is not needed. Therefore, the proposed Kitano hydroelectric project does not include the construction of a dam and reservoir. The proposed hydroelectric facility would be constructed and operated by Kekaha Sugar Company, Ltd., (a sub-sidiary of Amfac, Inc.). The plant would generate about 1400 kilowatts of electrical power. Some of the electrical power would be utilized by the Kekaha Sugar Company for internal use. The remaining electric power not used by Kekaha Sugar Company would be sold to Kauai Electric Company. The project would divert the flow in a two-mile segment of the Kitano branch of Kokee ditch, but would return the flow to the ditch at the power plant site. The Kokee ditch is operated and maintained by Kekaha Sugar Company and transports irri-gation water from the Puu Lua Reservoir to lower sugar cane fields through the Kitano and Puu Opae branches. The project is located in the western part of the island of Kauai, approx. 7 miles north of the town of Kekaha.

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 Board of Land and Natural Resources. Granted extension for acceptance until December 8, 1982.

NEPA DOCUMENT

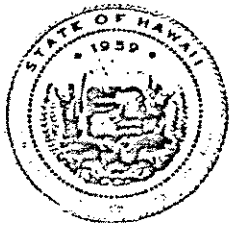
The following documents have been prepared pursuant to the requirements of the National Environmental Policy Act of 1969. Contact the Office of Environmental Quality Control for more information at 548-6915.

WASTEWATER TREATMENT SYSTEM FOR KAUNAKAKAI, MOLOKAI, County of Maui Dept. of Public Works

The proposed action replaces overcapacity oxidation ponds with a screening facility, a rotating biological contactor (RBC) system consisting of 4 25-ft. rotating shafts with 12-ft. diameter media and air drive, followed by a 30-ft. diameter secondary clarifier. These additions will be built entirely on the existing Kaunakakai stabilization pond site. The effluent from the RBC system will then be chlorinated in the existing chlorine contact chamber and pumped via the existing effluent force main to the Molokai Ranch irrigation well for the purpose of effluent disposal and possible reuse by the Molokai Ranch. If the reclamation project is implemented, a pipeline will be required to transport the effluent to the Molokai Ranch fields for reuse. The existing chlorine contact chamber and effluent force main are adequate for the 20-year design flow and will not require any expansion. The existing ox-i-dation pond will be cleaned after the rotating biological contactors are put into operation and then compartmentalized for use a sludge drying bed. A sludge hauling truck will be provided to haul sludge for land application on a 60-acre site near the Kaunakakai Airport, which is approx. 5 miles northwest of the project site. The use of effluent for irrigation is a continuing use; the land application will be done by a private party. The project is part of the approved 208 Water Quality Management Plan for Maui County, under the Small Community Facilities Plan for Kaunakakai.

REGISTER OF SHORELINE PROTECTION ACT DOCUMENTS

The projects listed in this section have been filed with 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



EQ BULLETIN

BULK RATE
U.S. POSTAGE
PAID
HONOLULU, HAWAII
PERMIT NO. 1502

ENVIRONMENTAL QUALITY COMMISSION
550 HALEKAUWILA ST., ROOM 301, HONOLULU, HAWAII 96813