

OEOC BULLETIN



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REGISTER OF CHAPTER 343, HRS DOCUMENTS

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

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.

The proposed action involves the construction of site improvements including clearing, grubbing, grading, installation of utilities, irrigation system, parking lot, children's play area and equipment, play court, amphitheatre, comfort station, security lighting, fencing and landscaping. The cost for construction and annual maintenance have been estimated at \$550,000 and \$15,000 respectively. All costs will be borne by the City and County of Honolulu.

The project site, comprising an area of 7.9 acres, is located in the lower Waipahu area (TMK: 9-4-01:portion of 29). The site is bounded on the mauka side by Waipahu Intermediate School, Pearl Harbor West Loch on the makai side, the Waipahu Flood Control Drainage Canal on the Diamond Head side and Pupupuhi Street on the Ewa side. At present there are no public parks within the project's service area, which is identified as Blocks 104 through 109 of Census Tract 87.03. The recommended service area radius for mini/neighborhood parks is one

OAHU

CONSTRUCTION OF SITE IMPROVEMENTS AT PUPUOLE MINI PARK, WAIPAHAU, OAHU, City and County of Honolulu Dept. of Parks and Recreation

half mile.

CASTLE HIGH SCHOOL CHAIN LINK FENCE AND GATE, KANEHOE, OAHU, Dept. of Accounting and General Services for the Dept. of Education

This project involves installing approx. 1,250 lineal feet of 6-ft. high chain link fence and gates to enclose the agriculture area and to prevent youngsters from entering the drainage area. The estimated cost of construction is \$30,000.

IMPROVEMENTS TO CRASH FIRE STATION NO. 2, HONOLULU INTERNATIONAL AIRPORT, MOANALUA, OAHU, Dept. of Transportation, Airports Division

The Airports Division of the Dept. of Transportation proposes to improve the fire training facilities at Honolulu International Airport. Improvements will be near the existing Crash Fire Rescue Station No. 2 (TMK: 1-1-03:1) and will consist of: a new fire training facility to replace the existing fire pit; a new storage building to replace the existing temporary storage shed; a new pile supported pier and boat house extending into Ke'ehi Lagoon; a debris barrier at the new boat house to reduce conflicts between floating debris in Ke'ehi Lagoon and water rescue operations; night lighting for the fire training facility, the storage building, and the pier and boat house.

Crash/Fire Rescue Station No. 2 is located at the end of Lagoon Drive near Runway 8R-26L. Constructed in the 1970's, this station provides crash, fire and rescue support along the south and southeast portion of Honolulu International Airport.

HEEIA-KEA BOAT HARBOR IMPROVEMENTS, KANEHOE, OAHU, Dept. of Transportation Harbors Division/OEQC

The proposed project consists of constructing a new 10 ft. by 12 ft.

Harbor Agent's office building; paving 18,000 sq. ft. of trailer parking area; extending 30 linear ft. of loading dock; replacing 4 existing mooring piles with mooring buoys; and installing approx. 1,790 linear ft. of waterline. There will be no dredging in this project.

Heeia-Kea Boat Harbor is located on the northeast shore of Oahu in Kaneohe between Kahaluu and Kailua (TMK: 4-6-06). It is a small boat harbor which includes loading docks, piers, boat washdown areas, marine service station, boating supply/food concession, and a restroom. The harbor is bounded by residential homes and by Kaneohe Marine Corps Air Station on the northeast side. The boat harbor currently has the capacity to moor 68 boats at catwalks and piers.

The proposed project will be constructed mainly on land with a portion of the project in water within the existing Heeia-Kea Boat Harbor boundary.

HAWAII

ACCESS EASEMENTS AT AHUALOA HOMESTEADS, AHUALOA, HAWAII, Daniel K. Kaniho, Jr./Dept. of Land and Natural Resources Division of Land Management

The proposed action involves direct sale of perpetual, non-exclusive roadway and waterline easement consisting of approx. 1,200 sq. ft. The property in question is a portion of the Lower Homestead Road Reserve which has never been constructed. The applicant is in the process of purchasing a parcel (TMK: 4-6-5:35) that abuts both the subject area and the Main Hawaii Belt Highway.

Water and secondary access to the applicant's proposed property is available from a 1-1/2" waterline from the Upper Homestead Road. This waterline is in place within a 30-ft. wide easement for road and utility purposes over two parcels (TMK: 4-6-08:59 and 4-6-05:08), one of which abuts the mauka side of the Lower Homestead Road Reserve parcel.

The applicant is requesting an easement for future access and utility purposes over and across a portion of the Lower Homestead Road Reserve which will allow him to extend the existing waterline to the parcel he is purchasing.

The proposed easement area is presently vacant and unused. Fence lines clearly define the adjoining property boundaries, and a roadway leading to several single family dwellings has been constructed within the Lower Homestead Road Reserve on the north.

WAIOHINU STANDPIPE FACILITY, KAU, HAWAII,
County of Hawaii Dept. of Water Supply

The proposed standpipe site is located near the Waiohinu Transfer Station along Kauila Rd. The Waiohinu-Naalehu area is a rural community mixed with diversified agriculture activities including a dairy, small truck farms, and pasture lands. Large scale agriculture activities include sugarcane and macadamia nuts. Naalehu is the principal town in the area where a public school (Naalehu elementary) and various commercial and urban activities are situated.

The improvements will require an all-weather surface parking area, a 6-inch pipeline extension from the Mamalahoa Highway to the project site, a fire hydrant, six large water connection outlets for commercial haulers, and possibly ten smaller water connection outlets for household water haulers. The site will be graded and water disposal will be through a dry well. Provisions for a fence enclosure will also be a part of this project.

The proposed improvements will benefit commercial water haulers and especially those household water haulers who are residents and ranchers in the area where no public water systems are available to service them. Furthermore, these improvements will provide a safer place for these haulers and other motorists by relocating our standpipe facility away from well used roadways.

POHAKU AND PUAINAKO STREETS EXTENSION AND ADJACENT AREAS, PANAWEA, SOUTH HILO, HAWAII, Dept. of Hawaiian Home Lands

The project location is situated in the Panaewa area land of the Hawaiian Home Lands in the City of Hilo (TMK: 2-2-47:1, 64). Close by is the Prince Kuhio Plaza Regional Shopping Center. The proposed project calls for the extension of four city streets, namely, Pohaku, Puainako, Ohuohu and Makaala streets; and the lot grading of future commercial and industrial lots.

It is proposed that the 60-ft. wide Pohaku Street be extended approx. 1,000 lineal ft.; the 120-ft. wide Puainako Street be extended approx. 1,500 lineal feet; the 60-ft. wide Ohuohu Street be extended approx. 200 lineal ft.; and the 80-ft. wide Makaala Street be extended approx. 1,050 lineal ft.

All street improvements will conform to County of Hawaii standards. Road improvements for Pohaku, Puainako, and Makaala Streets include asphaltic concrete road pavement; concrete curb, gutter and sidewalk; water system; drainage facilities; street lights; and road pavement markers, striping* and signs. Road improvement for Ohuohu Street will include asphaltic concrete pavement for road, road shoulder and swales; road pavement striping* and signs, and street lights. Upon completion of the project, all four street extension will be conveyed to the County of Hawaii for maintenance.

As for lot grading work, it is proposed that certain vacant lands be cleared and that the necessary excavation, embankment and compaction work take place to required elevations. These lot grading work areas consist of (1) a 4.5 acres commercial area along the east side of the Pohaku Street extension, (2) an approx. 4.3 acres area on the south side of Puainako Street extension which is proposed for 10-15,000 sq. ft. Cultural Commercial Lots, (3) an approx. 4.4 acres area on the north side of Makaala Street extension which is proposed for 8-0.5 acres Commercial Lots, (4) an approx.

12.6 acres area bounded by the proposed Pohaku Street extension on the east side, existing Makaala Street on the south side, existing Kanoelehua Avenue on the west side and a leased area on the north side, and (5) an approx. 4.0 acres area on the west side of existing Railroad Avenue which is proposed for 8-0.5 acres Industrial Lots. Individual cesspools will be installed in conjunction with lot improvement by lessees.

The anticipated cost of the project is estimated to be \$1,400,000 with construction expected to last approx. 300 calendar days. Start of construction is tentatively scheduled for July 1988.

Kauai

DRILL PUHI WELL, PUHI, KAUAI, County of Kauai Dept. of Water

The proposed project involves an exploratory well drilling and testing project to determine the feasibility of locating and establishing a new ground water source to supplement the existing Puhi drinking water supply system.

The Puhi area is located just west of Lihue town, and is served by a municipal water supply system owned and operated by the County of Kauai Dept. of Water. The main sources of the drinking water are the county's Kilohana Well E and Kauai Community College (KCC) Well. The pump at the Kilohana Well E currently operates at approx. 150 gpm, while the KCC Well pump operates at approx. 450 gpm. The Puhi System is interconnected with the Lihue Water System. However, the systems are operated independently, and there are no interchange of flows between them under normal circumstances. The Puhi system also includes a 500,000-gallon concrete reservoir. The current (1987) mean daily demand for the Puhi area is 360,000 gallons per day. Domestic water demand is expected to increase as the population increases and economic activity expands.

The exploratory well drilling and testing project determine if a well, located

about 100 ft. northeast of the existing Kilohana Well E, can be developed as a viable water source for the Puhi area. The work involved includes: (1) drilling a 20-inch diameter well approx. 250 lineal ft. deep; installing 80 lineal ft. of 12-inch diameter solid steel casing; packing the lower 170 lineal ft. of annular space around the screened well casing with commercially available rounded stream gravel and fill the upper annular space around the solid casing with cement grout; pump testing the aquifer to about 700 gpm, and monitoring water levels in the nearby existing Kilohana Well "E"; and evaluating the field pumping data.

The proposed project site is situated in the Puhi area of the Lihue District of the island of Kauai. The site is located about 100 ft. northeast of the existing Kilohana Well E approx. halfway between the KCC Filter Plant and the 0.5 MG concrete storage tank. (TMK: 3-4-5:6)

CONSERVATION DISTRICT USE APPLICATION FOR FENCING TO CONTROL ILLEGAL PARKING, FOR "PROTECTION OF DESIRED VEGETATION . . . (and) EROSION CONTROL", HAENA, KAUAI, Diane G. Faye/Board of Land and Natural Resources

The subject property is currently vacant and undeveloped. The fencing is intended to stop any commercial activity on the land, to reduce potential liability, and allow for enjoyment of the property. It appears that a local raft business is instructing their customers to park on this private land and, in fact, are using the parking lot to enhance their commercial activity despite the applicant's protestation.

DEVELOPMENT OF TWO FOREST TRAILS IN THE HALELEA FOREST RESERVE, HANAIEI VALLEY, KAUAI, Dept. of Land and Natural Resources, Division of Forestry and Wildlife, Kauai District

The Division of Forestry and Wildlife is proposing to construct two adjoining forest trails within the Halelealea Forest

Reserve. Trails will be four feet wide and used by hikers, hunters, and fishermen.

Hanalei Valley Trail

This project is for the construction of 2.5 miles of trail starting at the end of the paved road in Hanalei Valley to be routed into picnic/camp sites and into wilderness type recreation. The trail will be routed along the Hanalei River Valley, in the area that was recently added to the Halelea Forest Reserve by Executive Order No. 3227, at an elevation of approx. 200 ft.

Princeville-Waioli Trail

This project is for construction of 2 miles of the first increment of the Princeville-Waioli Trail. This initial increment is to be routed from the start of the planned Hanalei Valley Trail to a ridge top vista point called Kaukaopua, starting at 200 feet elevation and ending at 1,000 ft. elevation at the top. The vegetation along the trail consists primarily of uluhe or false-staghorn fern, scattered 'ohi'a trees and strawberry guava with a ground cover of introduced grasses, ferns, and herbs. This is part of the area that was burned from the forest fire that occurred in 1967.

Total trail width will be 3 to 6 ft. and will displace approx. 5 acres for the trail area. The construction of these trails shall coincide with the dry season to reduce the impact on the land and minimize the erosion potential. (TMK: 5-4-01:1)

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 HILO WASTEWATER TREATMENT AND CONVEYANCE FACILITIES, SOUTH HILO, HAWAII, County of Hawaii Dept. of Public Works/OEQC

The Wastewater Facilities Plan, Hilo District, South Hilo, Hawaii, developed in 1980 is a comprehensive planning document that addresses all aspects of wastewater infrastructure for the Hilo District. Since the plan and EIS were prepared, several changes have been made to the planned system. As a result, the 1980 plan is being updated. A potential major change, an alternative alignment of the outfall extension, was addressed in a Supplemental EIS dated January 1987. The new supplemental EIS that is being prepared incorporates the original 1980 EIS by reference and focuses on the changes in the design and location of the proposed treatment plant, pump station, and sewer mains, and on alternative treatment methods.

The Hilo study area is located on the northeastern portion of the island of Hawaii and lies on the lower eastern slopes of Mauna Loa. The study area, encompassing approx. 56 sq. miles, includes the existing city of Hilo and immediately adjacent areas, as delineated in the 1980 Facilities Plan. The adjacent areas are either serviced by another sewerage system (Paukaa-Papaikou system) to the north or are zoned for conservation or agriculture uses. (TMK:2-1-13:parts 12, 13, 20 and 22)

The proposed action addresses the relocation and upgrading of the county's municipal primary sewage treatment facility to one capable of meeting EPA's secondary treatment standards. The existing treatment facility is a 7.0 millions of gallons per day (mgd) primary plant presently discharging 3.91 mgd primary effluent through a 48-inch diameter outfall 4,500 ft. offshore in 56 ft. of water.

The recommended facilities consists of five components: pump station, force main, treatment plant, effluent line, and outfall.

Pump Station: The pump station will boost the wastewater to the new treatment plant. The pump station will be located at the site of the existing treatment plant since the existing collection system currently discharges into a wet well at this location. The site is located at a low point to accept gravity flow from the western coastal area, thereby minimizing repumping of this wastewater. The site is conveniently situated for the minimization of the force main length to the new treatment plant.

Force Main: The force main will be used to convey the wastewater from the pump station to the new treatment plant. The recommended alignment is along existing roads and was selected to minimize the length of the pipeline.

Treatment Plant: The treatment plant will be located on state lands near the east end of the Hilo Airport.

Effluent Line: Treated effluent will gravity discharge from the treatment plant to the outfall for final ocean disposal. The discharge main also serves as a contact chamber for chlorine disinfection of the effluent. The alignment recommended is parallel to the raw sewage force main to minimize construction implementation impacts and costs.

Outfall: The outfall is recommended to be extended into deeper waters and to include a diffuser length of 750 ft. with port spacing of 12 ft. on center (3-inch port diameters). Diffusers will be oriented northwesterly to maximize dilution due to tide-related south, east, and west currents. Additional water quality studies are presently being conducted to verify the need for an outfall extension.

Contact: Lambert Yamashita
M&E Pacific, Inc.
Engineers & Architects
1001 Bishop St.
Honolulu, HI 96813

Deadline: July 25, 1988.

DEVELOPMENT PLAN AMENDMENT FROM AGRICULTURAL TO RESIDENTIAL USE IN MAILE, OAHU, Richard Medeiros/Dept. of General Planning

Previously published June 8, 1988.

Contact: Mr. Brian L. Gray
Gray, Hong & Associates, Inc.
119 Merchant Street, Suite 607
Honolulu, HI 96813

Deadline: July 8, 1988.

PACIFIC NATIONS CENTER, HONOLULU, OAHU, Dept. of Housing and Community Development/Dept. of Land Utilization

Previously published June 8, 1988.

Contact: Karen Iwamoto
Dept. of Housing and Community Development
City and County of Honolulu
650 S. King Street
Honolulu, HI 96813

Deadline: July 8, 1988

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

TMK 1-6-3

ARMY FAMILY HOUSING NEW CONSTRUCTION AT HELEMANO MILITARY RESERVATION, CITY AND COUNTY OF HONOLULU, OAHU, Dept. of the Army

The U.S. Army Support Command, Hawaii, Directorate of Oahu Cosolidated Family Housing determined in 1987 that there was a need for 2,287 family housing units through FY 1992 to provide affordable housing for all military services on Oahu. Part of that need can be satisfied by constructing new dwelling units at Helemano Military Reservation (HMR) near Schofield Barracks in Central Oahu. Other nearby sites were also examined. The originally preferred plan for 1,000 units was scaled down to 600 units because of operational constraints by a nearby Navy installation. The propose project will not affect any significant historic sites, endangered or threatened species or other ecological habitats, wetlands, sole or principal drinking water aquifers, or public or private recreational areas. About 0.06 acre of prime agricultural land in pineapple cultivation will be displaced. Increased traffic will be accommodated by widening the access road and improving the road's intersection with Kamehameha Highway. The three to four year project will accommodate at least 1,750 new residents, with many young children expected. Public elementary schools are currently overcrowded, but the project's projected student population has been coordinated with the State Department of Education. Long-term disposal of the project's treated wastewater from the Schofield Barracks Wastewater Treatment Plant will be evaluated in a separate NEPA document.

This EIS is also available for review at the Mililani Public Library, Wahiawa Public Library, Waiialua Public Library, and Hamilton Library.

Deadline: August 8, 1988

SUPPLEMENTAL EIS: AMENDMENT TO THE MAUNA KEA SCIENCE RESERVE COMPLEX DEVELOPMENT PLAN FOR A VLBA ANTENNA FACILITY, AMAKUA, HAWAII, University of Hawaii Institute for Astronomy/OEQC

The National Radio Astronomy Observatory (NRAO), operated by Associated Universities, Inc., constructs and operates facilities for research in radio astronomy under contract with National Science Foundation. NRAO is building a major new instrument, the Very Long Baseline Array (VLBA). The VLBA is an aperture-synthesis radio telescope consisting of ten remotely operated antennas, sited across the country from the U.S. Virgin Islands in the east to Hawaii in the west. All ten antennas are located on U.S. territory; the Operations Center for the array is in Socorro, New Mexico. Construction of this array has been given top national priority by NSF. NRAO is negotiating with the University of Hawaii, Institute for Astronomy, for an antenna site within the Mauna Kea Science Reserve.

The site selected for the Hawaii antenna is between 12,200- and 12,400-ft. elevations of Mauna Kea, about 2,600 ft. northeast of the Mauna Kea Observatory (MKO) Access Road, TMK 4-4-15:09, in the Resource Subzone of the State Conservation District. An area of approx. 2 acres will be delineated for the use. NRAO intends to obtain a sublease for the property from UH and the Department of Land and Natural Resources.

About one acre of the site will be enclosed by a seven-ft.-high chain link fence. The VLBA antenna, a control building, an emergency generator, a propane fuel tank, a tower with weather instruments and miscellaneous concrete pads for equipment will be constructed within the fenced area. The antenna will be a wheel and track, elevation over azimuth configuration with an 82-ft.-diameter solid surface reflector, carried by a wheel and track mounting to permit pointing in any direction. It will rest on a circular concrete 50-ft-diameter ring. When the antenna is aimed at the horizon, the top edge of the antenna will be at its maximum height of about 95 ft. above the ground. The antenna must be painted white to minimize thermally induced distortions.

A 20-ft. wide, 2,600-ft. long, compacted

gravel access road will be constructed from the MKO Access Road to the site. A sign identifying the VLBA facility will be placed at the entrance to the access road. Signs will also be posted along the road warning that off-road vehicle use is prohibited. UH, in coordination with DLNR, will also post signs identifying the "no-hunting" zone.

The site will require potable water, sewer, telephone and electric services. Domestic water will be trucked up from Hilo and stored in a 2,000-gallon buried tank, located just outside of the fenced area. The sanitary facilities will consist of an approved cesspool which will also be located outside of the fenced area.

The telephone and electric services will be underground from an existing pull box beside the MKO Access Road. The service will parallel the road to the site. A standby generator will be installed to keep critical equipment cold and to stow the antenna in a safe position during commercial power interruptions.

Construction of the VLBA facility on Mauna Kea is scheduled to begin in June 1989 and is expected to require a maximum of 18 months. Phase One of the construction period, which includes grading, road building, installation of the power and telephone lines, construction of the antenna foundation and control building and erection of the fence, will be done by local contractors. The estimated cost of this work is \$1.3 million.

Phase Two will involve fabrication and assembly of the antenna, which will be shipped to Hawaii in pieces and assembled on-site, by the same contractor who is building the other nine antennas in the VLBA. Installation of the electronics and control systems will be done by NRAO technicians.

The antenna does not transmit or radiate any radio frequency energy. The facility is for basic research in astronomy and has no military applications. The VLBA will be much less

sensitive to low levels of radio-frequency interference (RFI) than any other radio telescope in the world; however, it would be sensitive to high levels of RFI (from a nearby high-power transmitter) that could overload or damage a receiver. The selected antenna site shields from RFI interference in most directions.

The antenna is scheduled to be fully operational by early 1991. It will be remotely operated 24 hours a day. A staff of two to four technicians, who will perform maintenance and other routine duties, will be hired locally. These people will work a regular 40-hour week. Accommodations will not be required at the Onizuka Center for International Astronomy at Kale Pohaku for NRAO staff.

In the event the antenna facility is permanently closed or abandoned, the buildings and above-ground structures would be removed and the area in use returned to its natural condition by NRAO.

This EIS is also available for review at the Honokaa Library, Kailua-Kona Library, Keaau Community-School Library, Mountain View Community-School Library, Thelma Parker Memorial Library, and Waimea Area Library.

Deadline: August 8, 1988.

KAPOLEI TOWN CENTER, EWA, OAHU, The Estates of James Campbell/City and County of Honolulu Dept. of General Planning

Previously published June 8, 1988.

This EIS is also available for review at the Ewa Beach Community-School Library, Waianae Library, and Waimanalo Community-School Library.

Deadline: July 23, 1988

KEAHOLE AIRPORT EXPANSION, NORTH KONA, HAWAII, Dept. of Transportation, Airports