



OEQC BULLETIN

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

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GOVERNOR

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Number 19

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 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.

OAHU

PARKING FOR KONA INN SHOPPING VILLAGE, KAILUA. Kailua-Kona Development Group/Department of Land and Natural Resources

The applicant proposes to provide parking for Kona Inn Shopping Village. Construction will occur for three days. (TMK: 7-5-07:58)

CONSTRUCTION OF A DOCK, WAILUPE CIRCLE. Ross Rastegar/Department of Land and Natural Resources

The applicant proposes to construct a T-shaped, 12 feet by 24 feet dock on submerged State land offshore of the applicant's property at Wailupe Circle (TMK: 3-6-01:16). The size of the dock would be identical to that of 17 other docks in existence around Wailupe Circle.

NANAKULI ELEMENTARY SCHOOL, ENLARGE PLAYGROUND. Department of Accounting and General Services for the Department of Education

The project proposed is the construction of an open, grassed playground for the subject school. The work includes the removal of a portion of an existing asphaltic concrete (A.C.) playcourt, removal and relocation of chain link fences, grading, and grassing. The estimated cost of construction is \$130,000. Since the project will be constructed within the existing school campus, no land will be removed from the tax base. (TMK: 8-9-07:por. 9)

FARRINGTON HIGH SCHOOL NEW LIBRARY BUILDING, KALIHI, Department of Accounting and General Services for the Department of Education

Proposed is the construction of a new single-story concrete/masonry library which will replace an existing library structure. The new library will be constructed in accordance with the Department of Education's Educational Specifications and Standards for Facilities. The estimated cost of construction is \$2,820,000. Since the project will be constructed within the existing school campus, no land will be removed from the tax base. (TMK: 1-6-21:par. 5)

EXPLORATORY WELL AT MAUNAWILI, City and County of Honolulu Board of Water Supply

The proposed exploratory well will be located on the grounds of an existing Board of Water Supply reservoir in Windward Oahu. The fenced in reservoir, referred to as "Maunawili 500," is at the end of Lopaka Way in the Maunawili subdivision. It is within the State Urban Land Use District and is zoned AG-1 by the City and County.

The project will involve drilling a 16-inch diameter hole to a depth of about 485 feet. Once the drilling is completed, a 12-inch diameter steel casing will be grouted into place and a pump installed. A series of aquifer tests will then be conducted to determine the sustained well capacity and water quality. Upon completion of the test

pumping, the 11 driller will remove the pump, cap the well, and clean the area. The estimated project duration is six months. (TMK: 4-2-63:32)

WOMEN'S COMMUNITY CORRECTIONAL CENTER SECOND PORTABLE CLASSROOM, KAILUA, Department of Accounting and General Services for the Department of Corrections

A second portable classroom building will be provided for educational and library purposes. The estimated cost of construction is \$75,000. Since the project will be constructed within the existing property, no land will be removed from the tax base. (TMK: 4-2-6:2)

SUPPLEMENT TO NEGATIVE DECLARATION HEEIA-KEA BOAT HARBOR IMPROVEMENT, KANEIHE, Department of Transportation Harbors Division

A Negative Declaration for this project was published June 6, 1988. Since that time the following changes have been incorporated into the scope of work of the subject project. This will require amending portions of the previously submitted Negative Declaration. The changes in the project scope and to Section D.1., Technical, are as follows:

1. The Harbor Agent's office building has been enlarged from a 10-foot by 12-foot structure to a 14-foot 8-inch by 23-foot structure.
2. The new waterline has been shortened from 1,790 linear feet to 1,350 linear feet.

HAN WAREHOUSE PROJECT, WAIPAHI, Daniel and Nancy Han/City & County Department of Land Utilization

The proposed project entails the construction of a 21,840-square foot warehouse with a paved access driveway and 30 parking stalls. Once completed, space within the warehouse will be leased out for use by industrial-type activities similar to those occupying the

surrounding areas. The project site is located in the Waipahu Industrial Park, in the southwest section of Waipahu, Oahu. The site is zoned for general industrial use and lies entirely within the City and County of Honolulu Special Management Area.

The proposed project site is currently vacant with the exception of several pallets of concrete block material stored along the western portion of the lot. The lot covers 44,710 square feet and is located off of Leokane Street. A six-foot wide walkway fronts the property. Also at the front of the site is a 40-foot wide driveway that currently provides access from Leokane Street. The site is secured by a six-foot high chain link fence located along the front and side boundaries and a wire mesh fence which crosses the rear portion of the site. (TMK: 9-4-49:45)

KAUAI

LIVESTOCK STAGING AREA AT NAWILIWILI HARBOR, NAWILIWILI, Department of Transportation Harbors Division

Farmers bring livestock in trailers to Nawiliwili Harbor for shipment to Oahu. The trailers are parked in an open area while waiting to be loaded on the barges. This project covers the construction of a structure to provide shade for the trailers while awaiting loading. The purpose of the shade structure is to reduce the amount of weight loss the livestock experience in shipment. The project covers the construction of a 40-foot by 50-foot shade cloth structure, 18 feet high. The shade cloth will be installed on a cable system supported by wooden poles. The structure will be situated on Harbors Division land in the Nawiliwili Harbor area. There will be no grading work or pavement for the structure. There will be no electrical, telephone, water or sewage services provided to the structure. (TMK: 3-2-04:48)

MAUI

KUALAPUU TO KAUNAKAKAI SOURCE DEVELOPMENT AND WATER SYSTEM, County of Maui Department of Water Supply

The project involves the development of a new deep well water source to supply the Kaunakakai area, and related transmission main improvements. The project is located on the island of Molokai. Municipal services and facilities are administered under the local jurisdiction of the County of Maui. Public water supply to Kaunakakai is being supplied by the County of Maui DOWS.

A new well was recently drilled for the County of Maui by the State DLNR at Kualapuu. The new County Kualapuu Well site and proposed improvements are located in Tax Map Key 5-2-12:22 and 24. A transmission main to convey the water to Kaunakakai is also part of the project and will be located in TMK:5-2-10 and 5-3-03.

The project was preceded by a successful deep well exploratory drilling and testing project conducted by D'NR in September 1987, on Molokai Ranch lands located in the Kahanui District of Molokai near the community of Kualapuu. The new well is referred to as the County's Kualapuu Well. The project will provide the following major improvements:

- (1) facilities, equipment and controls to improve the deep well so that it can supply approximately 900 gpm of fresh potable water to Kaunakakai,
- (2) connections to the State Department of Hawaiian Home Lands (HHL) Kualapuu to Kalamaula transmission system,
- (3) approximately 19,000 lineal feet of transmission main improvements to connect the Kaunakakai water system.

Completion of the project will allow the County to deactivate its emergency connection to the State's MIS.

HAWAII

GRUBBING OF A VACANT 40,176 SQUARE FOOT PROPERTY TO FACILITATE SURVEYING A 3-LOT SUBDIVISION, WAIPUNALUA-KALAMAKOWALI, SOUTH KONA, David Lucas and Michael Fogg/Hawaii County Planning Department

The applicant proposed to grub a 40,176 square foot property located near Napoepoo boat landing in Waipunalua-Kalamakowali, TMK: 8-2-05:16. The parcel is located within the Kealakekua Bay Historical District (Site 10-47-7000) which is listed on the National Register of Historic Places. The applicant is presently requesting a Special Management Area Use Permit to allow the grubbing of a vacant 40,176 square foot parcel to allow surveying and subdivision into three residential lots. All vegetation except the larger trees, as well as accumulated refuse, are proposed to be removed.

ADDENDUM TO EXISTING AMMUNITION STORAGE IGLOOS, HILO, State of Hawaii Department of Defense

The Ammunition Storage Igloos are located at Keaukaha Military Reservation, Hilo, Hawaii. The land is State owned and under the control and management of the Department of Defense, Hawaii Army National Guard, by the Governor's Executive order 1562, dated 12 May 1953. The igloos provide essential training support for the Hawaii Army National Guard units throughout the State.

The proposed addendum is required to meet present safety standards for the storage of ammunition. These are: (1) relocating portions of the existing electrical distribution lines and (2) installation of a counterpoise grounding system. This will prevent broken energized electric lines from contacting igloos No. 911 and No. 912, and satisfy Department of Defense regulation 6055.9 and Army regulation 385-64 for unsatisfactory grounding systems. (TMK: 12-1-12:31)

PUU PULEHU RESERVOIR LINING WAIMEA IRRIGATION SYSTEM, PUUKAPU, SOUTH KOHALA, Department of Land and Natural Resources, Division of Water and Land Development

The Puu Pulehu Reservoir is part of the Waimea Irrigation System. The system provides irrigation water for the farmlands of Puukapu, including Hawaiian Home Lands and the Lalamilo Farmlots, in and around the town of Waimea, District of South Kohala, County of Hawaii. Under present conditions, stored water in Puu Pulehu Reservoir is lost through leaks and seepage into the underlying soil and rock strata. Therefore, this reservoir cannot be considered a reliable water storage facility for the quantities needed during a drought situation.

The work proposed in this project will be the installation of an impermeable lining system to stop water leakage from the existing man-made Puu Pulehu (Puukapu) Reservoir. In addition to the liner installation, work shall include earth excavation at selected sites to reshape and increase the water storage capacity of the reservoir, construction of a Service Road and security fence around the perimeter of the reshaped reservoir and the construction of an earth berm approximately 25 feet high and 800 feet long across the mid-section of the reservoir. The earth berm will permit construction of this project in two phases and divide the reservoir into two sections that can be operated independently of each other.

Due to budgeting limitations, the proposed work will be constructed in two phases. Phase I will consist of earth excavation, reshaping, lining and the construction of an earth berm to create a 40-million gallon (MG) impermeably-lined water storage basin in the northern section of the existing reservoir. A pipe through the earth berm with a shut-off valve will also be installed under Phase I construction to interconnect the water storage basin of Phase I with a separate basin to be constructed under Phase II. After construction of Phase I is completed and

put into operation, and upon the availability of additional funds, Phase II will be constructed. Phase II will consist of earth excavation, reshaping and lining the southern section of the existing reservoir to create a 70-MG water storage basin. The perimeter Service Road and security fence will also be constructed under Phase II in addition to a new pipeline and pump to connect the Phase II section to the existing pump station. The total water storage capacity of Phase I and Phase II will be 110 MG. (TMK:6-4-03:15)

elevated rapid transit system for Honolulu. A Final Environmental Impact Statement and 4(f) Statement, Honolulu Area Rail Rapid Transit Project (HART) was approved and issued in 1982; however, the project was cancelled by former Mayor Eileen Anderson.

The proposing agency is preparing a draft environmental impact statement that evaluates alternative alignments for a rapid transit system from the Waiawa Interchange through Downtown Honolulu to the University of Hawaii Manoa Campus and Waikiki. It also includes a branch line to the Honolulu International Airport. Alignment alternatives and station objects are being considered that were not evaluated in the Final EIS for HART.

STATEWIDE

PLACEMENT OF REGULATORY MARKERS, DOT'S OCEAN RECREATION MANAGEMENT AREAS THROUGHOUT THE STATE

The Department of Transportation proposes to designate zones and areas for specified activities, pursuant to Sections 266-2 and -3, HRS, by the placement of regulatory markers at Ocean Recreation Management Areas throughout the State.

Contact: Mr. John E. Hirten, Director
Department of Transportation Services
650 South King Street, 3rd Floor
Honolulu, HI 96813

Deadline: November 7, 1988

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. The Office would appreciate a copy of your comments.

DRAFT 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). The Office would appreciate a copy of your comments.

HONOLULU RAPID TRANSIT SYSTEM PROJECT, WAIAWA INTERCHANGE THROUGH DOWNTOWN HONOLULU TO UNIVERSITY OF HAWAII AT MANOA CAMPUS, AND WAIKIKI, AND INCLUDING A BRANCH LINE TO HONOLULU INTERNATIONAL AIRPORT, City and County of Honolulu Department of Transportation Services

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.

With the support of the State Department of Transportation, the City and County of Honolulu Department of Transportation Services is proposing to build an

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT HILO WASTEWATER TREATMENT AND CONVEYANCE FACILITIES, SOUTH HILO,

**HAWAII, County of Hawaii Department of
Public Works**

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 approximately 56 square 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 feet offshore in 56 feet 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 feet with port spacing of 12 feet on center (3-inch port diameter). 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

This EIS is also available for review at the Hilo Public Library.

Deadline: November 22, 1988.

OAHU INTRAISSLAND FERRY SYSTEM, Department of Transportation, Harbors Division

The Department of Transportation (DOT), State of Hawaii is proposing to establish an intraisland ferry system serving the southern coastline of Oahu. Seven terminals are planned from Hawaii Kai to Barbers Point:

- Hawaii Kai in the vicinity of Maunalua Bay Beach Park
- Downtown at Pier 8 of Honolulu Harbor, with a ferry maintenance facility at Pier 13;
- Waikiki, in the vicinity of the Ala Wai Boat Harbor and the Hilton Pier;
- Keehi Lagoon, at the South Ramp of Honolulu International Airport;
- Waipahu, in Middle Loch of Pearl Harbor;
- Ewa, at the proposed Ewa Marina Development; and,
- Barbers Point, at the Barbers Point Deep Draft Harbor.

The proposed intraisland ferry system is assessed as a phased agency action treated as a single action. Inasmuch as siting and designing of facilities for the various individual ferry terminals are proceeding incrementally, the EIS is comprised of seven parts, one for each of the seven planned terminals, and based on the current information available for each. Only the sites for terminals at Maunalua Bay and Downtown at Pier 8 of Honolulu Harbor and the ferry maintenance facility at Pier 13 have been specifically determined to date.

Commensurate with information currently available, each part complies with the content requirement of Section 11-200-17 (Administrative Rules, DOH). Terminals for which site selection and design have been completed are assessed in greater detail. As the remaining terminals are

sited and designed, supplemental environmental assessments or, if deemed necessary, supplemental environmental impact statements shall be prepared for the individual ferry terminals.

The ferry terminal at Maunalua Bay is proposed adjacent to the Maunalua Bay Beach Park and the State Boat Launching ramp at Hawaii Kai. The terminal will occupy two acres of parcel TMK 3-9-07:34 which is owned by the State. Terminal facilities will include a passenger loading pier, shelter, 200 car parking area and driveway loop. Site improvements will also include a new shoreline revetment and widening and deepening of an existing boat channel.

The ferry will be privately operated, providing service during the morning and evening commuter "rush hours" between Hawaii Kai and Pier 8 downtown Honolulu. The intent of the service is to offer Hawaii Kai residents an alternative mode of transportation, particularly during the planned widening of Kalaniana'ole Highway. Under the contract with the DOT, the ferry operator will provide the service at a fare not to exceed \$2.50. The DOT would design and secure necessary governmental approvals, and construct the ferry terminals. The operator would be permitted to engage in other commercial revenue generating operations during hours the commuter transit service is not in operation, except that he would not be allowed to use the Maunalua Bay terminal for such purposes.

The ferry vessel will be a "surface effect ship" which rides on a cushion of air, and attains speeds of 42 knots using a water jet propulsion system.

Previously published June 8, 1988.

Contact: Earl K. Matsukawa
Project Manager
Wilson Okamoto & Associates
1150 South King Street
Honolulu, HI 96814

This EIS is also available at Hawaii Kai, Waikiki-Kapahulu, and Waipahu libraries.

Deadline: November 22, 1988.

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FINAL ENVIRONMENTAL IMPACT STATEMENTS

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

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

The applicant is requesting the Department of General Planning to approve proposed changes to the Ewa Development Plan Land Use Map. The project area is located within the Ewa District of Oahu, 22 miles west of Honolulu.

The project area consists of six separate parcels and encompasses an area of approximately 879 acres. The largest parcel comprises an area of approximately 569 acres and is generally referred to as the Kapolei Town Center. This parcel is bounded by Kalaeloa Blvd. to the west, NASBP to the south, Barber's Point Access Rd. and Puu Kapolei to the east and the Farrington Highway/H-1 Freeway corridor to the north. The second largest parcel located north of the HF-1 Freeway is approximately 210 acres in size and includes the cinder cone known as Puu Palailai. A third parcel within the project area is approximately 35 acres in size and is located west of and adjacent to Kalaeloa Blvd. The western boundary of this parcel is coterminous with the eastern boundary of the Ko Olina option area. The fourth parcel is 13 acres in size and is located adjacent to and east of the Palailai Interchange, between Farrington Highway and the H-1 Freeway. The fifth parcel is 25 acres in size and is located in the northeastern quadrant of the Makakilo Drive/H-1 Freeway interchange. The sixth parcel of 26 acres is located in the southeastern quadrant of the same interchange with the southern boundary lying along Farrington Highway and the eastern boundary coterminous with the proposed Kapolei

Knolls residential community being proposed by the Lusk Company. Pending forthcoming land use approvals, the applicant hopes to begin construction of its own office building on a site located at the entrance to the Town Center between Farrington Highway and the proposed Kapolei Blvd. The present development program includes two 50,000 square foot "U" shaped buildings of 3-4 stories each, organized around a central garden. Access to the site will be via the proposed Kapolei Blvd. Automobile parking will be provided underneath the two buildings and in adjacent surface lots. The applicant will be a major tenant in one of the buildings, other prospective tenants are now being sought. Estimates of major infrastructure investments have been made for the entire Kapolei Town Center area. A separate cost breakdown for the first increment has not been prepared.

Previously published August 23, 1988.

This EIS is also available for review at the Ewa Beach Community, Waianae, and Waipahu libraries.

Status: Accepted by the City and County of Honolulu Department of General Planning.

SITE SELECTION FOR THE NEW KONAWAENA ELEMENTARY SCHOOL, KONA, HAWAII. Department of Accounting and General Services

The Department of Education proposes to relocate the existing Konawaena Elementary School within its current service area and to expand the adjacent Konawaena High and Intermediate School into the elementary school's facilities. The development of the new elementary school will alleviate the overcrowded conditions at the high/intermediate school. Based on criteria established by the Department of Education, four sites were identified and evaluated in a Site Selection Study contained in this document. Site 1, Kainaliu Mauka Site (TMK: 7-9-08: por. 1 owned by William J. Paris, Jr.; TMK: 7-9-09: por. 11 owned by

Agnes Smith), is located north of Kainaliu Village, with frontage on the mauka side of Mamalahoa Highway. Site 2, Kainaliu Makai Site (TMK: 7-9-11: por. 10 owned by Walter Ackerman Trust; TMK: 7-9-11: por. 11 owned by Matthew* Coelho), is located along Mamalahoa Hwy. Site 3, Kona Hospital Makai Site (TMK: 7-9-12: por. 9 is part of a 114.45 acre parcel owned by Gary Yamagata, and TMK: 7-9-12:15, a 4.774 acre parcel owned by Yamagata Dev. Corp.) is located along Mamalahoa Hwy. Site 4, Konawaena School Makai Site (TMK: 8-1-04: por. 45, is part of a 51.87 acre parcel owned by Jack Greenwell), is approximately 400' from Mamalahoa Hwy.

This EIS is also available for review at the Honokaa, Kailua-Kona, and Kealahou libraries.

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

NEW PAHOA ELEMENTARY SCHOOL, PAHOA, HAWAII, Department of Accounting and General Services

The State Department of Education (DOE) is proposing to construct a new elementary school and to designate a new corresponding service area to relieve projected overcrowding at Pahoa High and Elementary School.

Pahoa High and Elementary School is a three-level school complex that provides educational services for grades Kindergarten through 12th grade. The 25.26-acre campus is located on Keaau-Pahoa Road at the southern end of Pahoa town. It is divided by Homestead Road (Kaohe Road) with the 2.98-acre Elementary Division occupying the western portion and the Intermediate and High School in the eastern portion. The proposed service area has been designated within the existing Pahoa High and Elementary School service area.

The current design capacity of the campus is 1,500 students (1,000 secondary and 500 elementary). The long-range

projection (year 2005) is for 1,000 secondary and 1,260 elementary students. The proposed elementary school is projected to accommodate 350 students when it is opened and will be designed to accommodate 750 students with additional potential for accommodating 900 students at peak enrollment. At the same time, the present elementary school will be maintained, with enrollment fixed at 500 students.

The present campus is comprised of a large wooden building and 32 portable classrooms. The proposed elementary school will be comprised of 42 classrooms, including 33 permanent classrooms and 3 portable classrooms to accommodate the design enrollment of 750 students, and another 6 portable classrooms to accommodate the peak enrollment projection of 900 students.

The cost of the proposed elementary school, including planning and facility construction, is estimated to be approximately \$11,850,000 (in 1988 dollars).

This EIS is also available for review at the Pahoa Community-School Library, Thelma Parker Memorial Library, and Waimea Area Library.

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

WINDWARD OAHU REGIONAL WATER SYSTEM IMPROVEMENTS, MALAEKAHANA TO MAKAPU'U, OAHU, City and County of Honolulu Board of Water Supply

The Board of Water Supply (BWS) proposes to develop water development projects, reservoirs, and transmission mains in an approximately 150 square mile region extending from Malaekahana through Makapu'u in windward Oahu. The water development projects will consist of tunnels, inclined wells, conventional ground water wells, and one shaft. The proposed new water sources will either develop dike-impounded ground water, basal ground water, or alluvial ground water. A total of 46 water development

projects, 19 new reservoirs and 148,540 linear feet of transmission pipeline have been identified for evaluation. With some exceptions, most of the proposed new water sources and reservoirs will be located within or adjoining large tracts of undeveloped open space. The proposed Kaluanui Wells will be within Sacred Falls State Park. The proposed Luluku Wells and Luluku "500" Reservoir will be within a banana field mauka of Likelike Highway. The proposed Kahana Wells and Reservoir will be within Kahana Valley State Park. The proposed Kuou Wells II will be within the County's Hoomaluhia Park. Proposed major water transmission mains will primarily be routed along existing public highways. Water from potable windward sources not used to service BWS customers in windward Oahu will be pumped around Makapu'u to Hawaii Kai. Proposed windward water sources have a maximum potential yield of about 41 to 45 million gallons per day (mgd) of potable water and about 1 mgd of non-potable water.

Status: Accepted by the Department of Land Utilization on September 12, 1988.

This EIS is also available for review at the Kahuku Community-School, Kailua and Waimanalo Community-School libraries.

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

ERRATUM

In the September 23, 1988 Bulletin, a notice for the MAINTENANCE FACILITIES IMPROVEMENTS, HONOULIULI WASTEWATER TREATMENT PLANT environmental impact statement was published and should not have been. The following notice was the intended entry:

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENTS PROPOSED HONOULIULI WASTEWATER TREATMENT PLANT (WWTP) UNIT 2, HONOULIULI, EWA, OAHU, City and County of Honolulu Department of Public Works.

Previously published March 23, 1988.

This EIS is also available for review at the Ewa Community-School and Waipahu libraries.

OEQC BULLETIN



JOHN WAIHEE
GOVERNOR

Marvin T. Miura, Ph.D.
DIRECTOR

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

Volume 5

October 23, 1988

Number 20

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OAHU

MAKAHA WELL VI: PUMP, CONTROL BUILDING, PIPING, ELECTRICAL EQUIPMENT, RESERVOIR, ACCESS ROAD, AND TRANSMISSION MAIN, Board of Water Supply, City and County of Honolulu (TMK: 8-4-2: Por. 13)

The Board of Water Supply (BWS) proposes to convert an existing exploratory well into a production facility with the addition of a control reservoir and control building at the well site. A transmission main and an access road connect the control reservoir to an existing reservoir at a lower elevation. A one million gallons per day submersible pump will be installed in the existing well. Water will be pumped from the well to the control reservoir and then to the existing water system. The well, control reservoir, and portion of the access road are located on a 3,972-acre lot within the conservation district. The BWS will submit a CDUA to the Board of Land and Natural Resources. A portion of the access road is situated on land zoned for agriculture. Land for the project is owned by BWS. An archaeological study of the project site located four sites within the study area: site 1465, which consists of a complex of four stone platforms; site 1466, which is a U-shaped habitation enclosure with a wall of stacked stone; site 1467, which is a terrace with stacked-stone facing; and site 1468, which consists of a stone wall, a portion of which acts as a terrace retaining wall. All

archaeological sites shall be flagged out in the field and shown on the construction plans. The plans and specifications shall clearly denote the requirements to preserve these sites. The specifications shall also note that the contractor shall be responsible for all damages to archaeological sites noted in the plans. Construction of this project will not, in itself, increase water rates nor require direct assessments to the residents being served. The well and supporting facilities will be used as a standby to existing and new wells under construction in Makaha Valley. The project is located on the west side of Makaha Valley, mauka of Makaha Valley Towers condominiums situated at the end of Kili Drive. Construction of the project is tentatively scheduled to start in mid-1989 and should be completed within one year.

WAIKIKI SHELL GENERAL IMPROVEMENTS, QUEEN KAPIOLANI PARK, WAIKIKI, HAWAII, Building Department, City and County of Honolulu (TMK: 3-1-43: Portion 1)

The Building Department proposes to construct general improvements at the Waikiki Shell complex situated in Waikiki. The purpose of the project is to upgrade the Waikiki Shell complex to conform with current code requirements applicable to the respective improvements. The proposed project consists of repair, replacement, and renovation work to the stage roof, box office, comfort stations one and two, transformer vault, water service, light standards, and irrigation system.

EWA ELEMENTARY SCHOOL EIGHT-CLASSROOM BUILDING, Department of Accounting and General Services (TMK: 9-1-17: 2 and 37)

This is to construct a new two-story, concrete and masonry, eight-classroom building with approximately 8,000 square feet of net floor space. Since the project will be constructed within the existing school campus, no land will be removed from the tax base.

MAUI

CONSTRUCTION OF A FOREST RESERVE

FENCELINE ALONG A PORTION OF THE BOUNDARY OF THE KAHIKINUI FOREST RESERVE, MAUI ISLAND, Division of Forestry and Wildlife, Department of Land and Natural Resources (TMK: 2-2-7: 1)

The Division of Forestry and Wildlife proposes to construct a stockproof fence approximately 6 miles in length along the eastern Papaanui boundary of the Kahikinui Forest Reserve to prevent cattle from trespassing on the state-owned forest reserve lands. The proposed fenceline lies along the crest of the ridge extending from near the summit of Haleakala to the Polipoli area at 5000 foot elevation. Included within this route are four miles of subalpine scrub vegetation and two miles of barren alpine rockland.

KAMEHAMEHA III ELEMENTARY SCHOOL (ANNEX) EIGHT-CLASSROOM BUILDING, Department of Accounting and General Services (TMK: 4-6-18: 13)

This is to construct a two-story concrete and masonry eight-classroom building and an access road along the mauka boundary of the school from Lahainaluna Road. Since the project will be constructed within the existing school campus, no land will be removed from the tax base.

SEAWALL AT HONOKOWAI, MAUI, Papakea Homeowners' Association, Department of Land and Natural Resources (TMK: 4-4-01: 55)

The Papakea Homeowners' Association has constructed a seawall which is partially on state-owned property at Lahaina, Maui. It has constructed a concrete rubble masonry sea/retaining wall of approximately 765 lineal feet along portions of the shoreline of the Papakea Resort Condominium. It has been discovered that a portion of the wall is outside of the property boundary.

HAWAII

SINGLE-FAMILY RESIDENCE AT KAHAUOEA, SOUTH KONA, HAWAII, Mr. and Mrs. Allen C. Wilcox, Jr./Department of Land and Natural Resources (TMK: 8-3-5: 10)

Mr. and Mrs. Wilcox propose to construct a two-story, single-family residence at Kealakekua Bay. The lot is in the general subzone of the conservation district, and the house will have dimensions of 30 feet by 42 feet. This lot previously contained a home that was built in the 1930s and occupied until 15 to 20 years ago. This home has been demolished, and the applicants now propose to construct a caretaker's house on the lot.

KULANI CORRECTIONAL FACILITY EDUCATION BUILDING, Department of Accounting and General Services (TMK: 1-9-01 and 2-4-08)

An education building is to be provided. Since the project will be constructed within the existing site, no land will be removed from the tax base.

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. The Office would appreciate a copy of your comments.

OAHU

ROYAL KUNIA, PHASE II, HOAEAE, EWA, OAHU, Halekua Development Corporation/ Department of General Planning, City and County of Honolulu (TMK: 9-4-02: Por. 1 and 9-4-03: Pors. 1 and 9)

The proposed development is located adjacent to the existing Kunia Road on its eastern boundary, approximately 1.2 miles north of Kuria Interchange of Interstate Route H-1. The project entails a City and County Development Plan amendment. The residential population of Central Oahu would increase by about 7,500 people. Although this increase would exceed the General Plan population guidelines for Central Oahu, it should be noted that the population guidelines for the District are currently under review

by the City Council. Both the Depa of General Planning and the City Plan Commission have recommended amending the General Plan to allow more growth in Central Oahu. A total of 2,400 housing units are proposed, with the predominant type being single-family units (1,500). Higher-priced market units are intended along the perimeter of the golf course, while the majority of the units will be targeted for people in the middle income range of \$30,000 to \$60,000. The property is designated agriculture in the Central Oahu Development Plan and classified state agriculture by the Land Use Commission. The land is classified mostly as prime agricultural land under the Agricultural Lands of Importance in the State of Hawaii. It is also essentially classified as "A" under the Land Study Bureau Classification System, and is classified as important agricultural land under the proposed Land Evaluation and Site Assessment (LESA) system. The land is leased to Oahu Sugar Company (1996) and is currently in sugarcane production. The development of the project would result in the urbanization of approximately 670 acres of sugarcane lands. Royal Kunia Phase II is an extension, a continuation of the proposed planned community of Royal Kunia Phase I and the existing planned community of Village Park. These developments have been designed to create a community, a living environment where parks, schools, recreation facilities, commercial and social services, and jobs are available and located conveniently to serve the residents of the development. Roads and utilities will be built by the applicant. Park lands will be dedicated to the City, and land for a park and ride and child care facility has already been dedicated to the City. All the land use components, including the transportation network, have been designed to ensure a proper land use relationship, including the placement of the golf course in the Navy's blast zone.

Contact: William E. Wanket, Inc.
Pacific Tower, Suite 1010
1001 Bishop Street
Honolulu, HI 96813

Deadline: November 22, 1988

HONOLULU CORPORATION YARD, SAND ISLAND

AND SAND ISLAND PARK EXTENSION, Building Department, City and County of Honolulu (TMK: 1-5-41:130)

recreational boating activities, if warranted.

Contact: Herbert Muraoka
Director and Building Superintendent
City and County of Honolulu
Building Department
650 South King Street
Honolulu, HI 96813

Deadline: November 22, 1988

SHERATON MAKAHA RESORT EXPANSION, ANA Hotels Hawaii, Inc./Department of General Planning, City and County of Honolulu (TMK: 8-4-02: 54)

ANA Hotels Hawaii, Inc. owns the 200-room Sheraton Makaha Resort and Country Club, which is located on 26.413 acres. This area is designated for resort use on the City and County of Honolulu's Waianae Development Plan Use Map. In December 1987, ANA Hotels Hawaii, Inc., acquired two additional parcels adjacent to the Sheraton Makaha Resort. ANA Hotels Hawaii, Inc., proposes to expand the facilities of the Sheraton Makaha Resort on the newly acquired 44 acres. The proposed master plan for the Sheraton Makaha Resort includes 300 additional hotel rooms, 150 new resort condominiums, a new conference facility, additional tennis facilities, 5,500 square feet of resort-related retail space, and a new 50-unit health spa.

Contact: Tyrone T. Kusao, Inc.
1188 Bishop Street, Suite 2507
Honolulu, HI 96813

Deadline: November 22, 1988

KOOLAULOA DEVELOPMENT PLAN AMENDMENT APPLICATION FOR A CHANGE FROM AGRICULTURE TO PRESERVATION FOR "THE COUNTRY COURSES," A FIVE-GOLF COURSE COMPLEX IN KAHUKU, OAHU, Estate of James Campbell/Department of General Planning (TMKs: 5-6-05: 2, 5, 6, Por. 1 and Por. 7; 5-7-01: Por. 21; 5-6-06: 2 and Por. 6; 5-6-07: Por. 1)

The applicant wishes to have 960 acres in Koolauloa designated as preservation to provide land for an integrated golf course complex. Two sites are involved:

The proposed action involves concurrent development of two adjacent areas for a corporation yard and a city park. The proposed Honolulu Corporation Yard will consist of automotive maintenance shops, various trades shops, vehicle and equipment parking structures, vehicle fueling and washing facilities, and open storage areas for material and spoils. The Corporation Yard project will consolidate the existing City and County of Honolulu maintenance and trades shops located at a number of sites in the central city area of Honolulu to a 26-acre centralized site on Sand Island. The proposed site is located between the shoreline and the existing Sand Island Sewage Treatment Plant and falls within the City and County of Honolulu Shoreline Management Area. The occupants of Honolulu Corporation Yard will include the following City and County of Honolulu departments: police, fire, public works, transportation services, and parks and recreation. The proposed park encompasses the remaining portion of the existing undeveloped Sand Island State Park land, an area of approximately 50 acres. The new park (Sand Island Park Extension) will be under the jurisdiction of the City and County of Honolulu or the State of Hawaii Department of Land and Natural Resources and will be compatible with the existing facilities in the state park. The proposed park will be primarily configured as a day-use park featuring open spaces, picnic areas, jogging trails, and comfort stations. Parking lots jointly used by park visitors and employees of the Corporation Yard will be located on the perimeter of the Park. Sand Island Park Extension will be operated as a city park with no controlled access. The park area will be designed with topographic features and landscaping so that the buildings and structures of the Corporation Yard will not be prominently visible to visitors of the park. The land area of the park is located between the shoreline and the Corporation Yard and lies within the City and County of Honolulu Shoreline Management Area. An open area near the Sand Island Bridge has been designated as a reserve area to permit future construction of facilities for

site 1 (Punamano), which is across from the eastern end of the Kuilima Resort, on the mauka side of Kamehameha Highway; and site 2 (Malaekahana), which is across from the Malaekahana State Park, bordered on the east by Laie and on the north by Kamehameha Highway.

Contact: Charles Ehrhorn
Asset Manager
James Campbell Estate
828 Fort Street Mall, Suite 500
Honolulu, HI 96813

Deadline: November 22, 1988

HONOLULU RAPID TRANSIT SYSTEM PROJECT,
WAIAWA INTERCHANGE THROUGH DOWNTOWN
HONOLULU TO UNIVERSITY OF HAWAII AT MANOA
CAMPUS, AND WAIKIKI, AND INCLUDING A
BRANCH LINE TO HONOLULU INTERNATIONAL
AIRPORT, City and County of Honolulu
Department of Transportation Services

Previously published October 8, 1988.

Contact: Mr. John E. Hirten, Director
Department of Transportation
Services
650 South King Street, 3rd Floor
Honolulu, HI 96813

Deadline: November 7, 1988

HAWAII

HYDROELECTRIC POWER PROJECT ON THE
HONOLII STREAM IN THE SOUTH HILO
DISTRICT, HAWAII, Mauna Kea Power
Company, Inc./Department of Land and
Natural Resources (TMKs: 2-7-2: 21,
2-6-9: 11, and 2-6-12: 29)

The intent of the proposed project is to develop a hydroelectric power plant and appurtenances which will provide up to 14.6 megawatts (MW) of "clean" power to the Hawaii Island electrical grid. A portion of the proposed project area is located within the boundaries of the Conservation District Limited Subzone as defined by the Department of Land and Natural Resources. The limited subzone encompasses lands with steep slopes and lands susceptible to floods and erosion. The proposed project will be located along Honolii Stream on the eastern

coast. Honolii Stream flows perennially within a narrow, deep gulch. Except at the coastline, where there is low-density residential development near the main highway, the stream is surrounded by intensively used agricultural lands to the north and south. The upper reaches of the stream, outside the project area, are located within the Hilo Forest Reserve. The proposed project will be a combination run-of-the-river operation and conduit-type operation. As a run-of-the-river installation, the power generated at any given time will depend on the instantaneous stream flow, which varies considerably from day to day. As a conduit-type operation, the project takes advantage of terrain to overcome the flow variability and poor stream storage characteristics. The project will essentially consist of a diversion weir, a 20,000-foot long penstock, a power plant and substation, access roads to the weir and powerhouse, and an electric transmission line. The plant will generate electric power which will be sold to Hawaii Electric Light Company.

Contact: Duk Hee Murabayashi
DHM Planners Inc.
1188 Bishop Street, Suite 2405
Honolulu, HI 96813

Deadline: November 22, 1988

DRAFT 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). The Office would appreciate a copy of your comments.

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.

OAHU

OAHU INTRAISLAND FERRY SYSTEM, Department of Transportation, Harbors Division

Previously published October 8, 1988.

Contact: Earl K. Matsukawa
Project Manager
Wilson Okamoto & Associates
1150 South King Street
Honolulu, HI 96814

This EIS is also available at Hawaii Kai, Waikiki-Kapahulu, and Waipahu libraries.

Deadline: November 22, 1988.

HAWAII

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT HILO WASTEWATER TREATMENT AND CONVEYANCE FACILITIES, SOUTH HILO, HAWAII, County of Hawaii Department of Public Works

Previously published October 8, 1988.

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

This EIS is also available for review at the Hilo Public Library.

Deadline: November 22, 1988.

FINAL ENVIRONMENTAL IMPACT STATEMENTS

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

OAHU

WINDWARD OAHU REGIONAL WATER SYSTEM IMPROVEMENTS, MALAEKAHANA TO MAKAPU'U, OAHU, City and County of Honolulu Board of Water Supply

Previously published October 8, 1988.

This EIS is also available for review at the Kahuku Community-School, Kailua and Waimanalo Community-School libraries.

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

PROPOSED TRANSPORTATION CENTER AND CITY HALL ANNEX OFFICE COMPLEX, HONOLULU, City & County of Honolulu Building Dept.

Previously published August 23, 1988.

Status: Accepted by the City & County of Honolulu Dept. of Land Utilization on October 13, 1988.

HAWAII

SITE SELECTION FOR THE NEW KONAWAENA ELEMENTARY SCHOOL, KONA, HAWAII, Department of Accounting and General Services

Previously published October 8, 1988.

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

NEW PAHOA ELEMENTARY SCHOOL, PAHOA, HAWAII, Department of Accounting and General Services

Previously published October 8, 1988.

This EIS is also available for review at the Pahoa Community-School Library, Thelma Parker Memorial Library, and Waimea Area Library.

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

FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT

STATEMENT: AMENDMENT TO THE MAUNA KEA SCIENCE RESERVE COMPLEX DEVELOPMENT PLAN FOR A VERY LONG BASELINE ARRAY (VLBA) ANTENNA FACILITY BY THE NATIONAL RADIO ASTRONOMY OBSERVATORY AT MAUNA KEA, HAMAKUA, HAWAII, Institute of Astronomy, University of Hawaii

Previously published September 23, 1988.

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.

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

ISEMOTO/SJA/TAYLOR SUBDIVISION, HONOKOHAU, NORTH KONA, HAWAII,

Isemoto/SJA/Taylor Partnership/Land Use Commission

Previously published August 8, 1988.

This EIS is also available for review at the Honokaa, Kailua-Kona, and Kealakekua Libraries.

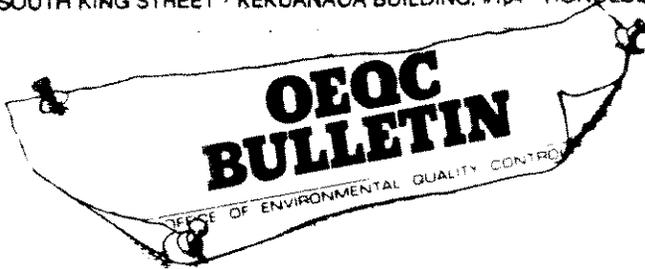
Status: Accepted by the Land Use Commission on September 12, 1988.

ERRATUM

In the October 8, 1988 Bulletin, the notice of acceptance of the EIS for Kapolei Town Center, Ewa, Oahu, should have read as follows:

Status: Accepted by the City and County of Honolulu Department of General Planning on September 20, 1988.

465 SOUTH KING STREET · KEKUANAOA BUILDING, #104 · HONOLULU, HAWAII 96813



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