



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
REPORT TO THE GOVERNOR
1976-1977



BOARD OF LAND AND NATURAL RESOURCES

Christopher Cobb Chairman
Larry Mehau Member-Hawaii
Mr. Manuel Moniz Member-Maui
Mr. Hisao Munechika Member-Kauai
Mr. Moses Kealoha Member-Oahu
Mr. Shinichi Nakagawa Member-At Large



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

P. O. BOX 621
HONOLULU, HAWAII 96809

W. Y. THOMPSON, CHAIRMAN
BOARD OF LAND & NATURAL RESOURCES

EDGAR A. HAMASU
DEPUTY TO THE CHAIRMAN

DIVISIONS:
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

December 29, 1978

Honorable George R. Ariyoshi
Governor of Hawaii
State Capitol
Honolulu, Hawaii

Dear Governor Ariyoshi:

The past fiscal year 1976-1977 saw considerable groundwork laid for the impending geothermal regulations. Hearings were initiated to gather a wide range of opinions, the legal aspects of this underground resource was especially singled out for intensive study. Similarly, the revision of Regulation No. 4 which covers the administration of the State's conservation districts was readied for a series of public hearings.

Mr. Christopher Cobb, Chairman of the Board during the past two and one half years resigned to resume his private law practice just before the end of the fiscal year. Two new Board members were appointed. Mr. Takeo Yamamoto who replaced Mr. Hisao Munechika as the Kauai Board member and Mr. Stanley Hong who succeeded Mr. Shinichi Nakagawa as the Oahu Board member. Mr. Nakagawa was appointed to the State Land Use Commission.

Mr. Tom Tagawa, State Forester for 22 years, retired in December, 1977. His years in office coincided the rise of the environmental movement.

The acquisition of parks sites on Oahu was a major accomplishment under the Governor's program to provide adequate recreation areas for metropolitan Honolulu. These lands for future parks included: Malaekahana, Salt Lake, Manana-Uka, Heeia, Sacred Falls, Makena-La perouse, Makua-Kaena and Wawamalu.

Increased emphasis was centered on aquaculture and agricultural parks. These are priority items for strengthening the State's economic development.

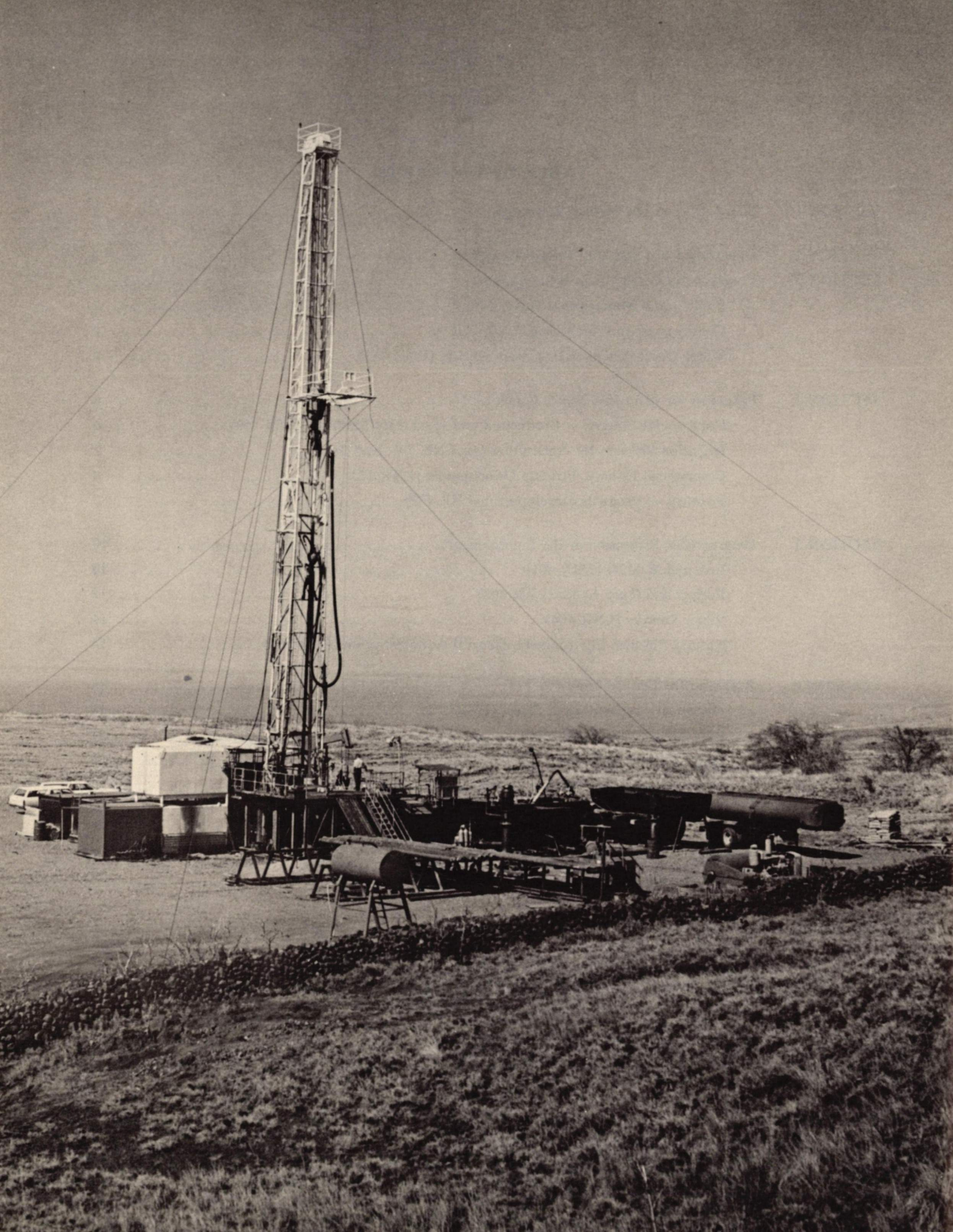
Many other activities were carried out to fulfill the department's responsibilities. Your leadership has given the department clear direction for which we are grateful and mindful.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "W. Y. Thompson".
W. Y. THOMPSON, Chairman

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SECTION 1

BOARD OF LAND AND NATURAL RESOURCES

The Board of Land and Natural Resources is an executive board appointed by the Governor with the advice and consent of the State Senate to run the Department of Land and Natural Resources.

The Board is composed of six members, one from

each land district and two at large.

The Governor selects a Chairman of the board from among its members; the chairman functions as the full-time salaried Executive Officer of the Department of Land and Natural Resources.

SECTION 2

DEPARTMENT OF LAND AND NATURAL RESOURCES

The Department of Land and Natural Resources manages, administers and exercises control over public lands, the water resources and minerals and all other interests therein and exercises such powers of disposition as may be authorized by law. The department also manages and administers the state parks, historical sites, forest, fish and game reserves of the State, the forest reserve, and other functions assigned to it by law.

The department is made up of six divisions plus an administrative staff which handles fiscal, personnel and planning matters. A brief description of each unit of the department follows:

DIVISION OF LAND MANAGEMENT

James Detor, Division Chief — 33 employees

This division is responsible for managing the public lands and the acquisition of non-public lands and other properties to service other State agencies.

DIVISION OF CONVEYANCES

Charles Neumann, Division Chief — 40 employees

This division receives and registers all land title documents, maps and other legal documents for the State. Official land records going back to the Great Mahele of 1848 can be viewed. This division is divided into two branches, the Land Court Registration and the Regular Registration.

DIVISION OF FORESTRY

Tom Tagawa, State Forester (retired)

William Sager, Acting State Forester — 95 employees

This division has the responsibility of managing the State's forest resources. The U.S. Forest Service Institute of Pacific Islands Forestry works closely with this division.

DIVISION OF FISH AND GAME

Michio Takata, Division Chief — 85 employees

This division is responsible for the development, management and preservation of the State's fish and wildlife resources. Aquaculture has become a key part of this program. This division works closely with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

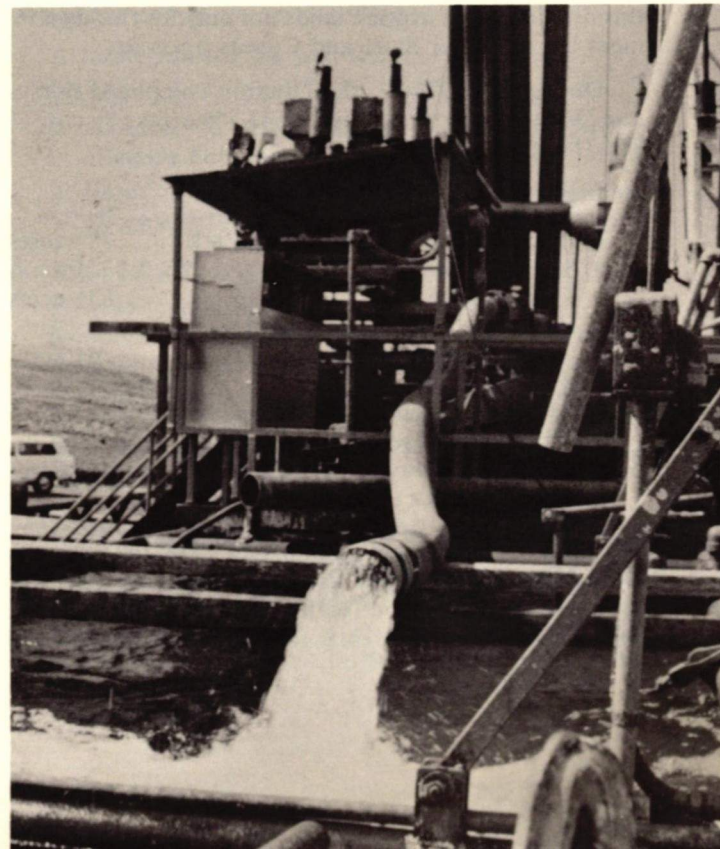
DIVISION OF STATE PARKS, OUTDOOR RECREATION AND HISTORICAL SITES

This division provides residents and visitors with opportunities for outdoor recreation and cultural enrichment. Increased emphasis is being placed on historical preservation. The Bureau of Outdoor Recreation (U.S. Department of Interior) provides funds for a significant portion of the State park program. Historical preservation funds have also been made available by the Office of Historic Preservation.

DIVISION OF WATER AND LAND DEVELOPMENT

Robert T. Chuck, Division Chief — 54 employees

This division administers programs relating to inland waters, water development, flood control, and irrigation services. Support is provided to the 15 Soil and Water Conservation Districts throughout the State. In addition, professional engineering services is made available to the other divisions.



SECTION 3

PROGRAMS FOR GOVERNMENT-WIDE SUPPORT

PUBLIC LANDS MANAGEMENT (LNR 101)

The Division of Land Management is charged with the prudent management of the public lands of the State including the planning and administration of their acquisition, development, disposition and control in such a manner as to contribute to the greatest extent possible to the social, environmental and economic well-being of the people of Hawaii.

Land development projects have been curtailed somewhat due primarily to fiscal constraints. However, several projects are either completed, under construction, or will be under construction during FY 1977-78, these include:

Kurtistown School Houselots

Eight (8) lots were sold during fiscal year 1976-77.

Kukuihaele School Houselots

Five (5) lots have been turned over to Hawaii Housing Authority for development.

The Kealahou Houselot Subdivision

Twenty-six (26) lots are now ready for disposition, either by sale or through the Hawaii Housing Authority.

The Nawiliwili Industrial Lots Subdivision

Twelve to fifteen lots will be put to bid in the third quarter of FY 1977-78. The off-site water line is presently being installed.

Sand Island Parkway, Increment II

This is scheduled for the near future.

Land Acquisition continues to be a major activity of this division as we acquire lands not only for this department but for other State and County agencies.

During FY 1976-77, the Division completed thirty-one (31) acquisitions totaling 1,543.759 acres at a cost of \$14,314,566.00.

Major acquisitions included:

- Phase I, Malaekahana State Park 73+ acres
- Sacred Falls State Park 1,374+ acres
- Kaiaka State Park 53+ acres
- Honowai Elementary School —
formal possession 6+ acres
- Radford H. S. Addition 30,208 sq. ft.
- Paauilo Elementary & Intermediate
School Addition 29,671 sq. ft.
- Kahaluu County Park Expansion 3.1+ acres
- About 6 water tank sites in Kona

Land Management completed 178 dispositions during FY 1976-77. Fee sale of twenty-four (24) lots provided the Division with a one-time revenue of \$470,105. New annual rental for leases and permits total \$195,309.

Total revenues for FY 1976-77 generated by the Division totaled \$5,578,068.

CONVEYANCES AND RECORDING (LNR 111)

The conveyances and recording program of the department is conducted primarily to protect the rights of individuals and organizations in land ownership. The division is the only agency within the State charged with the responsibility of carrying out this vital function; and this has contributed to the virtual elimination of error and confusion in land title registration in the State of Hawaii.

During the past year, 116,998 documents in the Regular Registration Branch and 52,629 documents in the Land Court Registration Branch were registered, an increase of more than 13% over the previous period. Additionally, 8006 Land Court Transfer Certificates of Title were issued, an increase of almost 5%. Program receipts increased 7.8% to a total of \$831,473 for the period. The total value of taxable real estate transferred amounted to \$1,771,333.00 during the fiscal year.

In 1975, the department installed an electronic data processing system, using punched cards for data entry, for more rapid and accurate indexing of registered documents and maps. Experience with the system during the past two years has been highly favorable, and the system is being up-graded from the punched card system to a key-to-disc data entry system in Jan. 1978. The new system is expected to reduce the time required for production of the daily document index from 36 hours, to 12 hours; and additionally will include a brief property description in the index. The improved system will provide more timely and effective service to professional abstractors and title searchers, and to the general public.

WATER DEVELOPMENT AND IRRIGATION SERVICES (LNR 141)

Beginning with the 1977-79 Fiscal Biennium, the Water Development Program (LNR 140) and the Irrigation Services (LNR 161) were combined into the Water Development and Irrigation Services Program (LNR 141).

The objective of this program is to develop and convey the water resources of the State for irrigation, municipal, industrial, hydropower, and other uses; to provide the necessary water for planned growth; and to support the planned programs designed to achieve the State's economic, environmental and social goals. It also provides irrigation services at selected sites to increase agricultural productivity.

Projects undertaken in this program area involved exploration for and development of water sources on the islands of Hawaii, Maui and Kauai; the construction of transmission and supply lines, storage tanks, booster pumping station and appurtenant facilities for the various County water systems; and economic and

engineering feasibility studies for the Kahakuloa Valley on Maui and the Waialeale-Lihue-Wailua water basin on the island of Kauai.

One of the Department's most ambitious water development projects involved the construction of the Kahaluu water development shaft in North Kona. An inclined shaft 1100 feet long extending down to the basal aquifer, a pump room, and 800 feet of infiltration tunnels were constructed to develop more water for the fast-growing Kona area. Soon to be completed is the second phase of the project which includes the installation of the pumps, motors, discharge line, controls and appurtenances for the water development shaft.

A significant development in our exploratory well drilling program was the drilling of a 1200-foot well in Lalamilo in South Kona and the discovery of a new source of **portable** water for the coastal lands between Kawaihae and Puako which heretofore depended on the limited surface water source of the Kohala Mountains.

A critically needed well was successfully drilled in Hana which has been plagued by water shortage through the years. The addition of the new well source will provide Hana with water that will meet the standards of the recently implemented Safe Drinking Water Act.

On the west end of Maui, two wells above Lahaina in Kahana Valley are being equipped with pumps, controls and pipeline to provide additional source for the Lahaina water system.

On Kauai, the Department completed drilling a 16-inch cased well located approximately 4,000 feet mauka of Koloa Mill. Source development included the installation of pumps, controls, pipelines and appurtenances for wells at Hanapepe, Lihue, and Wailua Homestead.

Projects involving the construction of transmission and supply lines, storage tanks, booster pumping stations and appurtenant facilities for the delivery of water from the source to the service areas were also undertaken throughout the neighbor islands.

On Hawaii, approximately 26,000 feet of 12-inch pipeline and appurtenances extending from the Mountain House Tunnel to Waiohinu tank in Kauai is nearing completion. In South Kona the long-awaited construction of approximately 37,000 feet of various sizes of pipes, pumps, and a concrete tank was completed to serve the area between Keokea Junction to Napoopoo. In Waimea town in South Kohala, old and undersized pipelines which created "bottlenecks" in the system were replaced with larger sized pipes to increase the capacity of the system.

On Maui, a million gallon concrete tank located above Lahaina, and approximately 4,700 feet of 16-inch pipeline extending from the tank toward Lahaina town along Dickenson Street, are being completed.

On the island of Molokai, at the request of thirty-six (36) homesteaders in the Hoolehua area, the Department completed construction of approximately 8,300 feet of 8- and 4-inch pipeline along Ala Akahi and Lihi Pali Avenues, approximately 14,200 feet of 8- and 4-inch pipelines along Puu Kapele Avenue, a 250,000 gallon concrete tank and the installation of booster pumping

units to provide water from the Molokai Irrigation System.

On Kauai, the Department has completed construction 8,000 feet of 12-inch pipeline along Kawaihau Road and 2,600 feet of pipeline along Laipo Road in Kapaa. The new lines will permit more water to flow from Ornellas tank to Kapaa and Wailua.

The Department is also completing two economic and engineering feasibility studies.

One study involves the feasibility of developing the water in Kahakuloa Valley for use in the Lahaina District and assessing the resulting environmental impact of the **project**. The preliminary conclusion of the study is that Kahakuloa Valley surface water should not be developed at this time. Instead, development of basal water in West Maui is recommended, together with a novel scheme to utilize dike storage in the Honokohau-Kahakuloa interfluvium for controlled withdrawal during drier seasons.

The other study is an economic and engineering feasibility study including an environmental assessment for the construction of large multi-purpose dams to capture and harness the vast amount of water that flows from the Waialeale drainage basin for hydro-electric power generation, flood control, domestic and agricultural use and recreational purpose. The most promising development concept involves a dam at the present Hanamaulu Intake site on the South Fork of the Wailua River, a four-mile long penstock, and a power plant site just upstream of the Fern Grotto. Although the dam has been studied as a multipurpose facility, the primary benefits would be from hydropower generation.

LALAMILO IRRIGATION SYSTEM

During the past fiscal year, the Lalamilo Irrigation System serviced 25 farmlots. There were no activity on two other farmlots during this period. Additional two lots were leased. A total of 234 acres were under cultivation at the end of the fiscal period.

Activities during the year were:

LAND

1. Farmlot No. 3 were leased for a term of 55 years effective February 10, 1977.
2. Farmlot No. 27 were leased for a term of 55 years effective February 10, 1977.

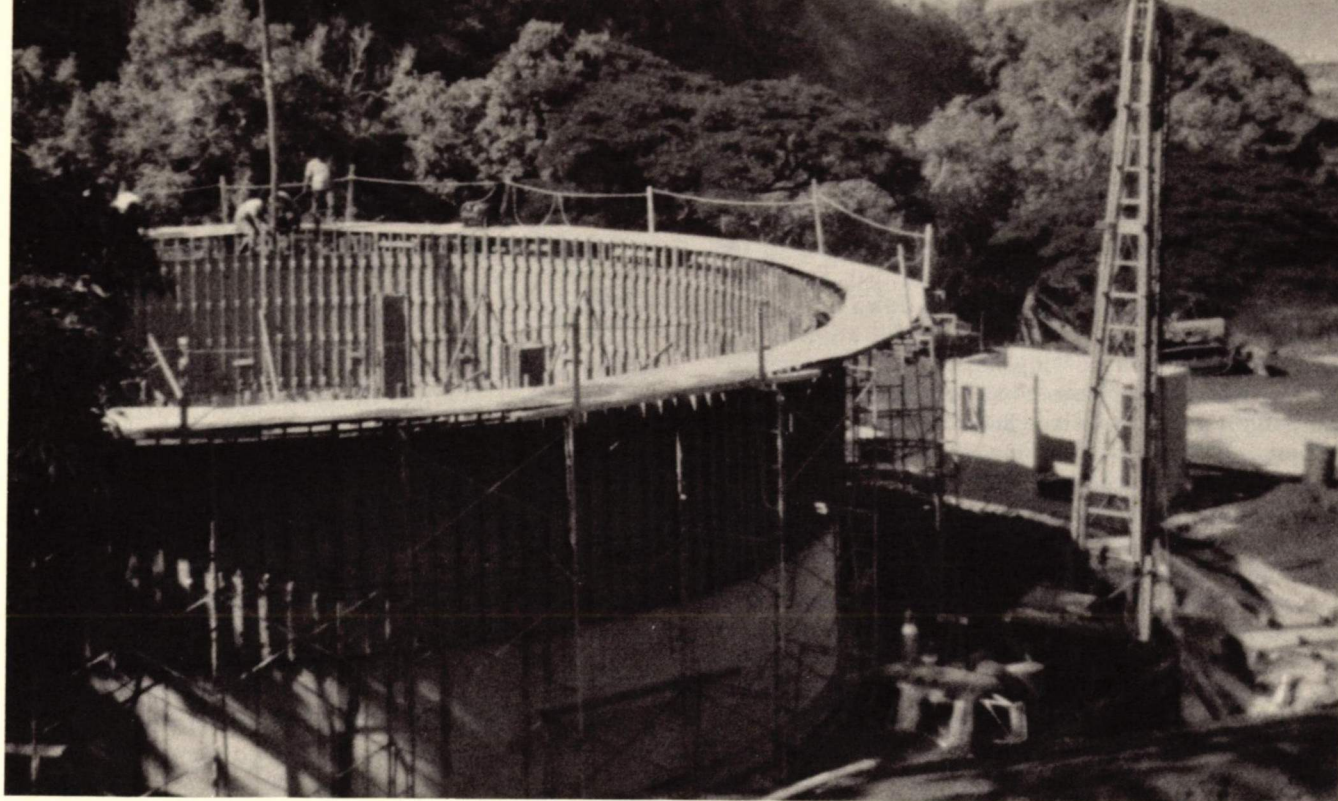
WEATHER

Weather conditions for crop productions was hampered with periodic strong gusty tradewinds. Annual rainfall of 11.10 inches were recorded. Annual temperature average were a maximum of 75.3° and minimum of 53.2°. Wind velocity were NE Trade, averaging 18.4 mpd. The evaporation rate averaged 0.266 inches.

CONSTRUCTION ACTIVITY

Lot 25 — a greenhouse (30' x 100') was constructed for tomato and vegetable seedlings.

Lot 09 — State Division of Forestry constructed a greenhouse for tree seedlings.



CROP PRODUCTIONS

Vegetable production which was processed increased 22.78% from previous 8,022,000 pounds to 10.3 million pounds. Vacuum Cooling recorded 7.82 million pounds while Honolulu Poi processed 1.5 million pounds. Limited amount of produce was shipped to the mainland.

Principal vegetable crops was broccoli, cauliflower, celery, Chinese cabbage, head cabbage, head lettuce, onions, peppers, romaine lettuce, sweet corn and tomatoes. Vine crops were mainly cucumbers, watermelons and zucchini.

Flower productions was very active with rose planting increasing 100% from last year. 20,000 rose plants were in productions. 40,000 dozens of roses were marketed. Carnation flower production

declined 10,000 dozens from a high of 17,000 dozens a year ago. Other flowers were Statice (2,000 bunches), babies breath (4,000 bunches) and asters, (1,000 bunches). These are all grown on Kawamata Farms, where 12 employees work on this farm.

Honolulu Poi's vegetable processing plant processed 28,000 pounds of vegetables per week. Thirteen are employed at this plant.

WATER USE

The use of irrigation water reached its highest annual consumption, surpassing the previous high of 177,870,490 gallons of 229,289,930 gallons. This is an increase of 28.91% over the past fiscal year. The monthly average also increased to 19,107,417 gallons. Total water charges amounts to \$21,062.84, an increase of 17% over last year.

	Water Sold (gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
1976					
July	19,883,040	232	\$ 522.00	\$ 1,272.45	\$ 1,794.45
Aug.	24,940,030	230	517.50	1,559.79	2,077.29
Sept.	27,145,990	233	524.25	1,665.18	2,189.43
Oct.	20,521,000	233	524.25	1,315.18	1,839.43
Nov.	10,862,960	233	524.25	742.16	1,266.41
Dec.	17,436,500	233	524.25	1,155.23	1,679.48
1977					
Jan.	21,447,210	233	524.25	1,378.89	1,903.14
Feb.	20,333,210	234	526.50	1,320.90	1,847.40
Mar.	21,043,070	234	526.50	1,359.07	1,885.57
Apr.	6,099,790	234	526.50	434.45	961.95
May	17,193,360	234	526.50	1,144.09	1,670.59
June	22,383,770	234	526.50	1,451.20	1,977.70
	229,289,930		\$6,293.25	\$14,798.59	\$21,091.84

WAIMANALO IRRIGATION SYSTEM

The Waimanalo Irrigation System served 96 small farm units and the U.H. Agricultural Research Farm totaling 955 acres. A total of 112,168,285 gallons of water was sold during the year.

Unseasonal heavy rainfall decreased water sales by 24 million gallons from the previous year. Eighteen (18) inches of rainfall in the heavy growing seasons of April and May drastically reduced water sales and crop-growing activities in the area.

During the latter part of the year, a dredging project

was started to enlarge the storage capacity of our main Kailua Reservoir. The original holding capacity of the reservoir was around 6.5 million gallons but during the past 30 years, heavy siltation reduced this amount to around 3 million gallons. At the completion of this project, farmers will be assured of sufficient water during the drought periods.

The primary vegetable crops grown by farmers in Waimanalo are green beans, corn and manoa lettuce. Orchard crops are guava and banana. Plant nurseries, dairies and poultry farms round out the diversified agriculture program in Waimanalo.

	Water Sold (gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
1976					
JULY	18,021,899	954,708	\$ 2,386.90	\$ 1,441.74	\$ 3,828.64
AUGUST	20,013,543	954,708	2,386.90	1,601.08	3,987.98
SEPTEMBER ...	12,429,381	954,708	2,386.90	994.34	3,381.24
OCTOBER	4,259,110	954,708	2,386.90	340.74	2,727.64
NOVEMBER ...	4,354,033	954,708	2,386.90	348.33	2,735.23
DECEMBER ...	5,485,900	954,708	2,396.90	438.87	2,825.77
1977					
JANUARY	5,913,422	954,708	2,386.90	473.08	2,859.98
FEBRUARY	6,003,933	954,708	2,386.90	480.31	2,867.21
MARCH	10,682,478	954,708	2,386.90	854.61	3,241.51
APRIL	4,296,411	954,708	2,386.90	343.73	2,730.63
MAY	6,896,423	954,708	2,386.90	551.71	2,938.61
JUNE	13,811,752	954,587	2,386.59	1,104.93	3,491.52
GRAND TOTAL	112,168,285	—	\$28,642.49	\$8,973.47	\$37,615.96

MOLOKAI IRRIGATION SYSTEM (1976-1977)

The number of consumers for irrigation water increased from 74 on July of 1976 to 86 on June of 1977 but the total acres irrigated decreased from 4030 acres to 3698 acres. The decrease in acreage irrigated was principally due to Dole terminating pineapple farming on Molokai.

Pineapple plantings in the Hoolehua Homesteads have been phased out. In lieu of pineapple growing the homesteaders are now going into diversified agriculture.

The crops being planted are watermelon, sweet potato, sweet corn, green onion, bulb onion, bush beans and cantaloupe.

Homesteaders also formed a cooperative for forage production. The name of the coop is NA HUA AI and they presently have 71 acres in plantings. They eventually hope to increase the acreage to 160 acres.

The construction of the Hoolehua Agricultural Park was completed. These agricultural lots consist of ten (10) lots about 25 acres each. Farming of these lots should begin late this year or early of next year.

	Water Sold (Gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
1976					
JULY	68,612,000	4030	\$ 7,426.25	\$ 5,488.96	\$ 12,915.21
AUGUST	84,479,000	4033	7,431.75	6,758.32	14,190.07
SEPTEMBER	90,412,000	3567	6,916.95	7,232.16	14,149.11
OCTOBER	38,092,000	3567	6,916.95	3,047.36	9,964.31
NOVEMBER	43,513,000	3567	6,916.95	3,481.04	10,397.99
DECEMBER	32,190,000	3675	7,144.10	2,575.20	9,719.30
1977					
JANUARY	67,460,000	3672	7,038.50	5,396.80	12,435.30
FEBRUARY	50,514,000	3683	7,050.24	4,041.12	11,091.36
MARCH	42,670,000	3690	7,055.55	3,413.60	10,469.15
APRIL	36,720,000	3693	7,056.65	2,937.60	9,994.25
MAY	18,679,000	3693	7,055.55	1,494.32	8,549.87
JUNE	40,129,000	3689	7,061.05	3,210.32	10,271.37
GRAND TOTAL	613,470,000	44568	\$85,070.49	\$49,076.80	\$134,147.29

SECTION 4

PROGRAMS FOR ECONOMIC DEVELOPMENT

COMMERCIAL FISHERY (LNR 153)

Renewal or Purchase of

Commercial Fishing License by Mail

Pursuant to public demand and our continued efforts to provide better service, the department implemented on a Statewide basis in May of this year, a system which permits the purchase of the State of Hawaii 1977-78 Commercial Fishing License through the mail. All those interested in taking advantage of this service are being requested to telephone the Division of Fish and Game for their 1977-78 license applications which should then be completed and mailed back together with payment of the license fees. Those preferring to renew or purchase their new licenses in person (as done in the past) are being accommodated at any of the Division's offices.

Aerial Spotting for Skipjack (Aku) Tuna

The second season for aerial spotting for aku schools in Hawaiian waters was completed with a total of 76 flights over waters of the main Hawaiian Islands during June, July, and August. Observations made after six aerial survey rounds and a total of 151 flights during the summer aku seasons of 1975 and 1976 indicate that the aku in our waters, rather than forming compact schools, are loosely aggregated with much of the individual fish spaced anywhere from 5-30 feet apart. Because of this behavior, it was not possible to estimate the tonnage of aku in most of the schools. The survey did, however, provide the location of aku schools which was immediately passed on to the local aku fishing fleet. It is estimated that such information were partly responsible for some 118,000 pounds of aku landed by the aku fleet.



Division of Fish and Game staff preparing for an aerial spotting survey of aku schools in Hawaiian waters.

Fishery Conservation and Management Act of 1976

This Act was implemented on March 1, 1977 creating the Western Pacific Regional Fishery Management Council comprised of Hawaii, American Samoa and Guam, and its voting and non-voting memberships

including the U. S. Department of Commerce, Department of the Interior, and Coast Guard. The Council has the task of preparing fishery management plans for the fisheries resources in the 200-mile jurisdictional areas of the respective member state and territories. Of particular concern are the billfishes, precious corals, lobsters and seamount fishery resources. The State is represented on the Council by the Administrator of the Division of Fish and Game.

Hawaii plays a major role in the Western Pacific Council because it is headquartered in Honolulu and five of the total 11 voting memberships are representatives from this State. Further, other non-voting members from the U. S. Department of Commerce, Department of the Interior, and Coast Guard are also based in the State. Due to the biological, socio-economic, and political implications of the extended fisheries jurisdiction, the implementation of the Fishery Conservation and Management Act will inaugurate a new era of State-Federal fishery management relationship.

COMMERCIAL FISHERY, PRODUCT DEVELOPMENT (LNR 17)

Oceanic Institute Fish Hatchery

Plans and designs are being prepared for a pilot fish hatchery to be constructed at the Oceanic Institute, Makapuu, Oahu pursuant to Act 226, SLH 1976. The hatchery is consistent with the State's efforts to develop and expand Hawaii's aquaculture resources and capabilities.

Aquaculture

Efforts to develop prawn aquaculture in the State were continued by the Anuenue Fisheries Research Center, a recognized world leader in this science. As a direct result of these efforts, prawn pond acreage in Hawaii increased from 32 acres to approximately 65 acres during the fiscal year. By the end of calendar year 1977, approximately 90 acres of prawn ponds are expected to be operating under cooperative agreements with the State with a potential of producing over 200,000 pounds of prawns valued at about \$600,000 annually.

Since the Center's present juvenile production capability is estimated at 100 acres, tests on various systems to increase capabilities to 300 acres were conducted. At this time, a controlled system (greenhouse method) that would permit year-round larval culture appear to be most cost-effective.

Other areas of hatchery and pond management technique improvements include:

1. Modification of the processing of traditional diets, and incorporating tank disinfection techniques to increase per-tank increase of juvenile production by 25%.
2. The development of a rapid and accurate (i.e., 1% error) juvenile enumeration method.

3. Development of a juvenile and adult live transport box.
4. Testing of a more effective and economical pond vegetation control method; and
5. Development of an effective pond de-silting method.

The Center also provided extension service, consulting service, and on-the-job training to all prawn farmers and prospective prawn farmers in the State. Each prospective farmer is advised as to the feasibility of growing prawn on the selected site prior to pond construction, then he is advised on pond design and management if the project site evaluation is favorable. The prawn farmer is also provided with free juvenile prawns for three years and is kept informed on the latest developments in management techniques.

Because of the Center's work, local, national and international interest in the culture of the freshwater prawn, *Macrobrachium rosenbergii* has increased, and, especially in Hawaii, the future outlook for prawn aquaculture appears very promising.

FORESTRY - PRODUCTS DEVELOPMENT (LNR 172)

Tree Nursery Improvements

The Division of Forestry is constantly striving to improve the plantability, and survival after planting of tree seedlings grown at the Central Tree Nursery at Kamuela, Hawaii. The introduction of bare-root nursery practices permitted mass production of seedlings and machine planting in some areas. But some desired species did not do well when planted as bare-root stock.

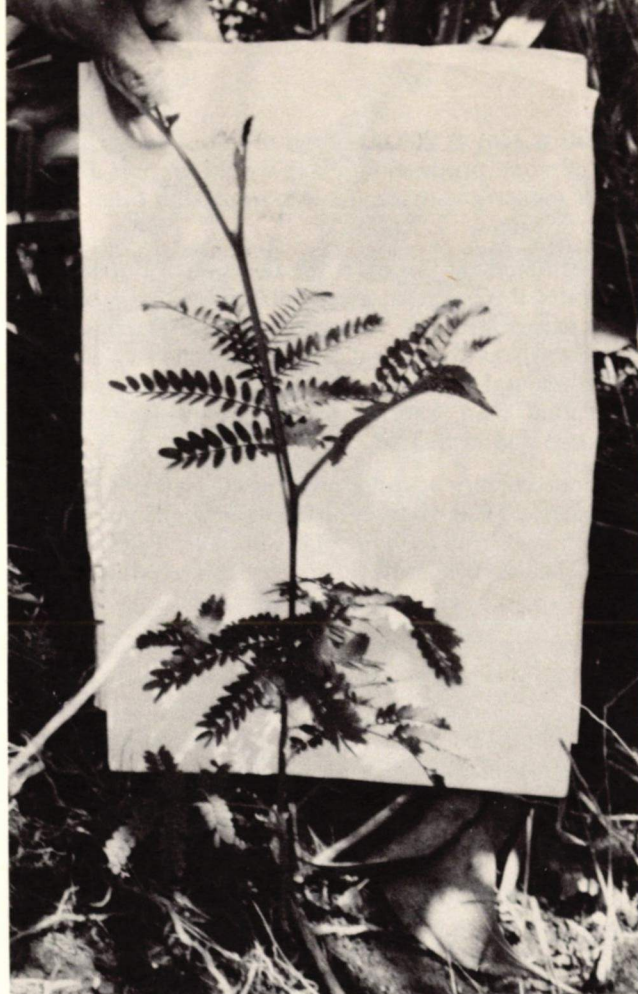
A new facility at the nursery, completed in April of this year, will permit seedlings to be produced by a container system that appears to offer efficiency of production with a desirability high survival rate. The facility is based on an experimental model developed by the U. S. Forest Service Institute of Pacific Islands Forestry.

An open, plastic roofed shed permits control of wind, excessive temperatures and rainfall. An overhead sprinkling system provides automatic control of water, fertilizer and pesticides. Asphalt-concrete flooring allows the use of motorized equipment in handling racks of seedlings.

It is appropriate that the first seedlings to be produced in the new facility are koa. They will be outplanted by Kamehameha School and students in the Bishop Estate's Kilauea-Keauhou Koa Forestry Center. Planting is scheduled for late summer or early fall.

Koa Tissue Culture

Koa, Hawaii's fine native timber tree, is one of just a handful of trees in the whole world to have been propagated by tissue culture, a method of mass producing genetically identical plants. The method is being experimented with as a means of reproducing in large numbers those few remaining koa trees that have long straight stems and good wood color. A small



A tissue culture koa, 3½ months old, growing in Laupahoehoe Forest Reserve.

number of tissue culture propagated trees have now been planted in the field and are growing normally.

Farming the Forest

"Biomass production" and "intensive cultivation" are new terms being used by foresters these days. They identify a new concept in forestry, the growing of as much usable plant material on each area of land as is possible. Hawaii, with its year-around growing season, fast-growing introduced trees, and isolation is well suited to trying to produce at least part of its energy needs by growing large amounts of wood to fire the boilers that supply us electricity. In fact, sugar cane bagasse is already used for this purpose, so the furnaces are suited for burning plant material.

Studies now underway are evaluating just how much wood can be produced per unit land area by spacing trees closely together, frequent weeding, fertilization, and other methods commonly practiced by farmers. *Saligna eucalyptus* trees in 1976, a very dry year, grew as fast as two feet a month under intensive cultivation. This year, which is wet, many *saligna* and bluegum eucalyptus are growing in height at more than three feet a month.

Forest Products

The publication of "Forestry Potentials of Hawaii" in the fall of 1976 again focused attention on the economic potential of a timber industry in Hawaii. The plan

suggests a goal of 200,000 acres of industrial forest as a level of wood production which would support a viable timber industry with a minimum impact on other forest resource values.

To implement this plan, the Division of Forestry has completed a conceptual tree planting plan and submitted it for board review. They are currently preparing a program of environmental assessment which will address environmental concerns of reforestation. Based on the conceptual plan, specific forestation projects will be proposed and evaluated.

From January 1 through August 30, Capitol Chip Co. harvested 20,000 tons of bluegum woodchips which were shipped from the Port of Kawaihae to paper mills in Japan. The Campbell-Burns mill in Hilo has shifted their operations to koa cut from private land.

Hapu harvesting continues to produce an important forest product for the local orchid industry. The

Division's Service Forester in Hilo has worked intensively to help develop harvesting techniques which will protect this vital forest product and the Division has established studies which can evaluate the success of the hapuu management program.

The culmination of five years of research into planting methods in the rain-forests of Hawaii shows tree species suitable to planting methods which use minimum site disturbance. In particular we have found Queensland maple, an excellent hardwood lumber species, can be planted in natural opening in the forest stand. With minimum hand clearing and essentially no site disturbance a quality hardwood forest can be established.

The techniques not only minimizes site disturbance, but it eliminates the development of weed patches frequently associated with land clearing site preparation. The method is not universally applicable but has many advantages in suitable areas.



Tissue-culture propagated koa trees have formed phyllodes (sickle shaped leaves) showing that they are genetically the same as the tree that provided the tissue.



The decline disease affecting ohia-lehua forests on the island of Hawaii is turning many areas into graveyards of dead snags.

Ohia-Lehua Forest

The epidemic decline disease of ohia on the island of Hawaii is still causing mortality in an area covering more than 200,000 acres on the east slopes of Mauna Loa and Mauna Kea and isolated pockets of dying trees have been found in the Kau and Kona areas. The cause of the disease continues to elude researchers. A team of six scientists, representing the disciplines of pathology, entomology, ecology and soils, are now working on the causes and effects of the decline through a cooperative research program between the State Division of Forestry, U. S. Forest Service, University of Hawaii and Bishop Museum. Research on the causal aspects of the disease has been focused principally on the root disease fungus,

Phytophthora cinnamomi, and a trunk girdling insect, *Plagithmysus billineatus*. Results to date indicate that neither of these organisms is the primary cause of ohia decline but that both probably contribute to the ultimate death of the tree. Current and future research concerns the interrelationships between the fungus, insect, and certain soil factors such as drainage, aeration, and lava flow types.

Research is also being conducted on the total impact of the decline on the ohia forest ecosystem, including mortality of the understory species, regeneration of ohia, colonization of the site by undesirable weed species, and effect on water quality and yield.

SECTION 5

PROGRAMS FOR ENVIRONMENTAL PROTECTION

FISH AND WILDLIFE (LNR 401)

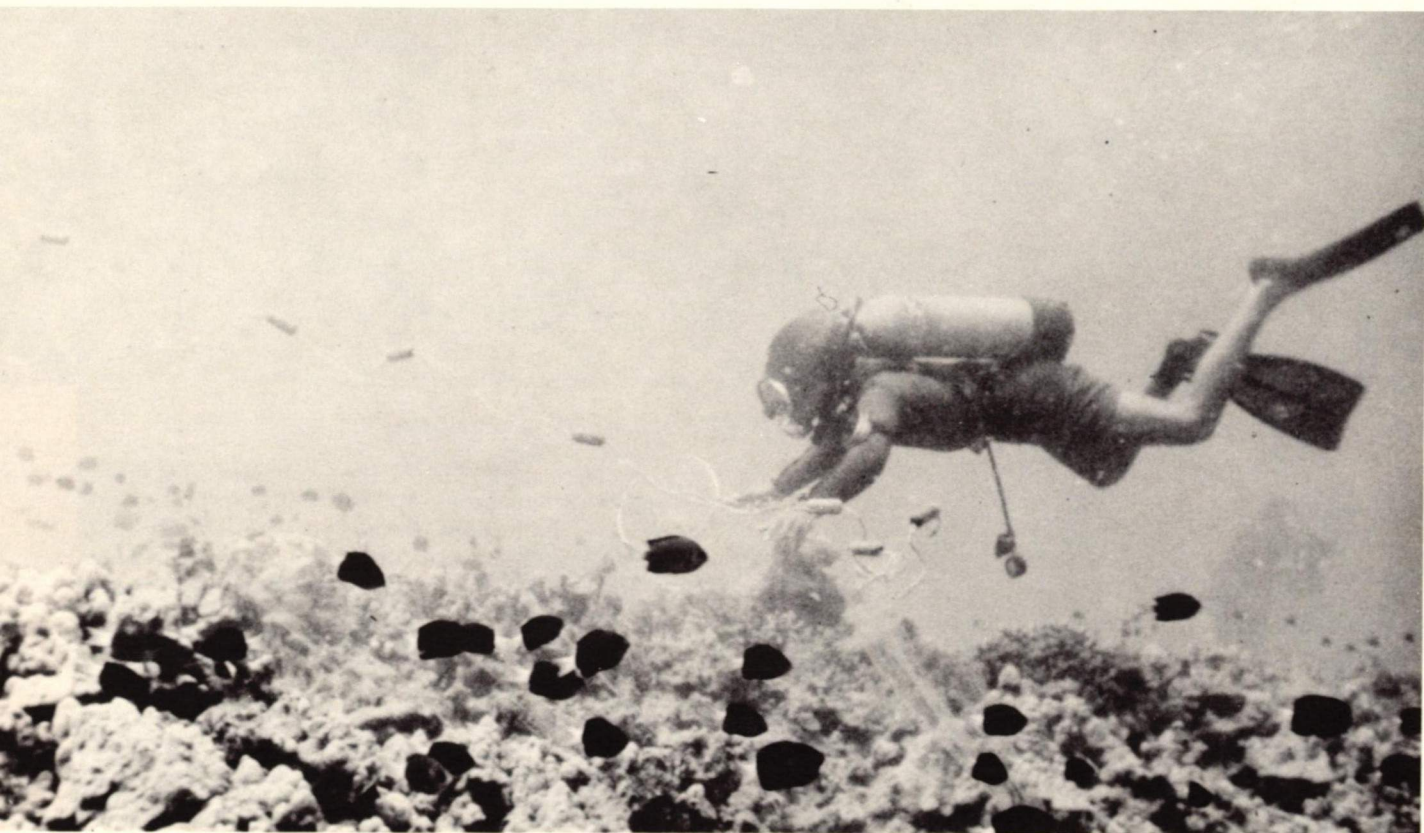
Environmental Impact Evaluations

Comments were prepared on evaluations of 241 proposals relative to Conservation District Use Applications, U. S. Army Corps of Engineers Public Notices, State land dispositions, draft and final Environmental Assessments and Environmental Impact Statements, animal importation permits, scientific collecting permits, and other projects that have potential impact upon the State's fish and wildlife resources and habitats. Activities associated with the evaluations include on-site visits (onshore and underwater diving surveys), extensive literature research, and contact with knowledgeable persons on the subject areas and resources.

Further, reports of nine fish-kill incidences received from governmental agencies and the public were investigated in cooperation with the State Department of Health. Reports of the fish-kills are submitted to the U. S. Environmental Protection Agency as required. In addition technical guidance was provided on 22 occasions to agencies or individuals who requested information on potential conflicts with wildlife values.

Aquarium Fish Collecting Study

The activities of aquarium fish collecting using fine-mesh nets under a permit system are monitored through data collected from monthly aquarium fish catch reports. The study revealed that a total of 460 permits were issued during FY 1976-77 of which 326 (71%) were to recreational and 134 (29%) to commercial collectors. There were 404 permits issued on Oahu, 35 on Hawaii, 12 on Maui, 7 on Kauai, and one each on Molokai and Lanai. The catch reports show that a total of 158,249 marine fishes and other organisms was collected of which 5,590 or about 4% were for recreational use, and 152,695 or about 96% were for commercial purposes. The largest number of aquarium marine organisms (111,496) were collected off Oahu, followed by Hawaii (44,237), Kauai (1,747), and Molokai, Maui, and Lanai (combined 769). The study also showed that 107,278 organisms were collected for commercial use off Oahu of which 102,672 or 96% were sold at a value of \$183,536. The second largest commercial activity occurred off Hawaii where 42,972 organisms were collected and 42,307 or 98% valued at \$52,265 were sold. Commercial aquarium fish collecting activities combined for the islands of Kauai, Maui, Molokai and Lanai produced slightly over 2,000 organisms valued at about \$5,000.



Aquarium fish collecting activities in deeper waters generally involve SCUBA equipped divers employing a small mesh monofilament "barrier net" into which selected specimens are herded and caught with a hand net.



The submerged lands and overlying waters (to 30 fathoms depth) surrounding Molokini Island were recently included into the marine life conservation district system to protect and preserve the unique aquatic features and resources of this area.

Marine Life Conservation Districts

Following extensive marine surveys and discussions held to solicit input from interested persons during public meetings and public hearings, the Board of Land and Natural Resources adopted the Division of Fish and Game Regulation 40 establishing the Manele-Hulopoe Marine Life Conservation District on the island of Lanai, and Regulation 42 establishing the Molokini Shoal Marine Life Conservation District, County of Maui to protect and preserve the unique aquatic features and resources of these areas. Upon completing fish survey studies and gathering other pertinent information, proposed regulations have been drafted to establish two additional marine life conservation districts, one at Lapakahi in North Kohala, Hawaii and another at Honolua Bay on Maui. However, prior to initiating formal procedures, public comments and recommendations are being solicited on the proposals.

Further, the Shark's Cove area of Pupukea, Oahu is also being evaluated for inclusion to the marine life conservation system.

Nene (Hawaiian Goose)

The nene restoration project continued with the study of the birds in the wild to determine distribution, movements, reproduction and survival on Hawaii and Maui. Severe drought conditions on Hawaii resulted in a very poor nesting season with only a few nests being

observed. Young were produced at the Keauhou and Kipuka Ainahou Sanctuary areas, however, and wide dispersal of adults probably contributed to survival. On Maui the nesting season may have been more productive as four young of the year were noted in February of 1977. A total of 47 goslings were produced at the Pohakuloa propagation facility on Hawaii. Six nene were donated to the National Park on Hawaii for use as breeders in the Park Service re-establishment project and one pair was sent to Haleakala National Park for similar purposes. In addition, 34 adult nene were released in Haleakala Crater at the Paliku release site. To date, 319 nene have been released at Kipuka Ainahou, 276 in the Keauhou Sanctuary, 282 in the Kahuku Sanctuary and 348 in the Keauhou II Sanctuary on the island of Hawaii. A total of 426 have been released by the Department on Maui bringing the total liberated, Statewide, since 1960 to 1,651.

Koloa (Hawaiian Duck)

Additional releases of young koloa were made on Oahu to augment the wild population. Birds produced at the Pohakuloa propagation station on Hawaii were released at Waimea Valley (10 pairs), Nuupia Pond, Mokapu (10 pairs) and at Kawainui Swamp (34 birds). Nesting occurred and young were produced in all of these areas. Reports of koloa from streams and ponds on Windward Oahu and the Honolulu areas were received



ENDANGERED SPECIES SURVEYS — Wildlife Biologist Tom Telfer searches for endangered forest birds at Wahiawa above Kalaheo on Kauai. Field trips often involve lengthy hikes over rough and precipitous terrain.

which indicate survival and dispersal of the species on Oahu. An encouraging report of a brood of six ducklings being seen above Kapaau in North Kohala on Hawaii was also received. The population in the Kohala mountains apparently continues to survive without being augmented with released birds.

Endangered Species Preservation

Division of Fish and Game biologists participated in the drafting of eight endangered species recovery plans. The plans are being prepared by teams of specialists appointed by the U. S. Fish and Wildlife Service and describe actions needed to preserve twenty-three species of native Hawaiian birds considered to be endangered. For certain species, such as the Hawaiian stilt, Hawaiian coot, Hawaiian gallinule and the palila the actions being recommended are primarily related to preserving habitat for the birds. For some species, however, strong research programs will be needed to determine the factors limiting the population before positive action plans can be finalized.

Field studies of endangered species included monitoring the palila population on Mauna Kea, nesting habitat requirements and production of Hawaiian stilts on Oahu and Kauai and surveys of forest area on all islands to determine habitat conditions and the distribution of various species.

Annual inventories to determine the number of endangered Hawaiian stilts and coots as well as to monitor trends of other native waterbird populations were conducted in January and August, Statewide. The results of the stilt and coot censuses were as follows:

	August 4, 1976	January 13, 1977
Hawaiian Stilt . .	1476	1161
Hawaiian Coot .	1976	2330

Forest Birds

A total of 34 species of native land birds have been described from the forests of the main Hawaiian Islands. Of these, at least 13 are probably extinct. Only four species have no races or populations considered endangered by the U. S. Fish and Wildlife Service. In order to develop information that will lead to increasing viable populations of the endangered species, a cooperative research program has been initiated between the U. S. Forest Service, U. S. Fish and Wildlife Service, and our Divisions of Forestry and Fish and Game. Studies involving population changes and habitat requirements have already begun on the akiapolaau, Hawaii creeper and akepa.

Alala Restoration Project

Field studies of the alala in the Kona area were initiated to determine this endangered species' habits, habitat requirements and needs for survival. During the year nine nests of wild birds were observed which produced a total of nine fledglings. Three of the young birds were rescued from possible predation when they fell out of nests. They will be used at the Pohakuloa Propagation project to produce young alala for release. Three other young birds were banded with color bands as nestlings. Study of these marked birds will provide valuable data on movements, habits and longevity. At Pohakuloa, the three captive adult birds continue to fare well. The mated pair nested this past season; however, the two nestlings were lost. Hopes for the future of this project increased with the addition of the three new birds plus the invaluable experience gained to date.

Enforcement

Enforcement activities under this program are summarized as follows: patrolled 48,186 miles by vehicle, foot and boat; contacted 11,788 persons, conducted 15 inspections of boats and personal equipment; and investigated 69 complaints. A total of 18 citations was issued for violations under this program.

FORESTS AND OPEN SPACE (LNR 402)

Plants

The Division of Forestry is responsible for the plant section of the State Endangered Species Act, which provides safeguards for plants that are under threat of extinction.

A Botanist has recently been hired by the Division to deal with its endangered plant species responsibilities. Review of candidate species is underway, with the result to be a recommended list of endangered species for approval by the Board of Land and Natural Resources.

Additionally, botanical surveys of the wildlands of the State are being planned. The results of the surveys will provide needed knowledge on the identity, abundance, distribution, and habitats of plants.

Priority for surveys will be given to those forest areas that are being considered for other uses in the near future.

Fire

Wildfires continue to be a major problem in forest protection. Dry conditions and increased use of wildlands contributed heavily to the high risks existing over much of last year. In dealing with this problem, the Division has emphasized sophistication to overcome its relatively small size as a fire organization. Equipment purchases over recent years have seen dramatic increases in the Division's capabilities for communications, water handling, and aircraft support. Paralleling this has been the restructuring of the fire training program. A new crew training curriculum has recently been compiled and distributed and offers uniform, consistent training throughout the State.

An operational fire danger rating system was implemented early in 1977. It provides a 24-hour forecast as to the chances of a fire starting and some idea of its rate of speed. As historical records build, these forecasts will be used to stage men and equipment to be much more responsive to wildfires.

Forest Pests

An Entomologist was recently hired by the Division to deal with Forest Pest Programs. Due to his assuming a position that was vacant for some time, his first task has been to review, evaluate, and bring up-to-date work done by his predecessors. He is presently engaged in this task and is reviewing work on such problems as banana poka, pine and insect problems, and clidemia.

A key element in dealing with forest pests is early detection. After completing his review, the entomologist along with the follow-up duties of his efforts, will be charged with designing detection surveys in an effort to better understand the magnitude of our forest pest problems. Related to the detection surveys must also be the training of Division personnel to accurately observe, assess, and report on problems.

Youth Conservation Corps

The United States Youth Conservation Corps was established in 1972. The purpose of Y.C.C. is to further the development and maintenance of our national resources by the youth of America, and in so doing, prepare them for the ultimate responsibility of maintaining and managing these resources for the greatest good for the greatest number of people. Three generally important objectives are stressed:

1. Accomplish needed work on public lands.
2. Provide gainful employment for 15 through 18 year old males and females from all social, economic, ethnic and racial classifications.
3. Develop an understanding and appreciation of the nation's natural environment and heritage.

The Hawaii State Youth Conservation Corps was established in the summer of 1975 on the island of Hawaii and in 1977 completed its third year. The program is administered by the Hawaii State Department of Land and Natural Resources whose Division of Forestry served as host agency. Funding for all three years was a joint venture of the Federal Government and the State of Hawaii.

During the eight week program period, corpsmembers were actively involved in an integrated conservation education work-study program.

Work projects included trail construction and maintenance, clearing undesired vegetation, fence building, tree seed collection.

Community participation in suggesting work projects at Kalopa State Recreational Area was an important factor in the total work program. The Hamakua District Development Council's Forest Parks Committee, again, provides impetus for the improvement of the park.

Two special environmental projects should be mentioned: the construction of bird houses and an enclosure for the rare Alala (Hawaiian Crow). The U. S. Fish and Wildlife Service is attempting to establish a breeding stock of birds through various techniques. The Y.C.C. Corpsmembers constructed an enclosure 50' x 25' x 12' to house a breeding pair of Alala.

In the second project, corpsmembers constructed one hundred bird houses as part of an experiment to encourage nesting of two endangered species: the Akepa, the Hawaiian Thrust ('oma'o) and the 'Akiapola'au.

Weekly resource speakers provided information on topics such as mammals, birds, the Mauna Kea Master Plan, insects, other invertebrates, whales, the Greenpeace movement, Hawaiiana, riflanship and biological research. To supplement these speakers, films were used which focused on special areas of Hawaii. Programs were supplemented with small group discussions among the corpsmembers in the field which acquainted them with the flora and fauna of the project areas.

Several day-long excursions were taken as part of the Environmental Education Program. A trip to the summit of Mauna Kea exposed corpsmembers to Lake Waiau and the Mauna Kea adze quarry as well as the observatories.

Lapakahi State Park, a reconstructed site of a Hawaiian fishing village, provided an insight and exposure to early Hawaiian life style, culture and socio-economic conditions.

After watching the process of branding, de-horning and castrating of cattle at Keanakolu by Parker Ranch Paniolos (cowboys), corpsmembers visited Parker Ranch Museum for an historic presentation and a better understanding in the operation of a famous large-scale ranch and business.

Enforcement

Act 111/75 states that the "State Forester, his agents, any assistant forester or forest ranger shall have the power to arrest, issue summons and citation in the same manner as provided in 184-5.1 and 184-5.2 for state park enforcement officers, as well as the provisions of Section 184-5.3 for a person who fails to obey summons.

In conformance with this law, the Division of Forestry has drawn up policies and procedures governing the enforcement activities of authorized persons under this program.

Included in the policies and procedures is a summons and citation bail schedule that must be approved and adopted by the judges of the district courts throughout the State of Hawaii. The bail schedule is currently being reviewed.

The DLNR, Division of Forestry, is confident that under these policies, great improvement will be made in the enforcement of rules and regulations of the forest reserves, range and forest fires in the State and the DLNR Regulation No. 4 governing land uses in Conservation Districts of the State.

WATER RESOURCES (LNR 404)

Statement of Program Objectives

To preserve and enhance the state's supply of inland surface and underground waters. This includes the management and encouragement toward the wise utilization of all water resources in the State of Hawaii.

To provide a desirable physical environment for the people of Hawaii by fulfilling their needs for water and for energy from water power.

To protect and control the use of the water resources in the State.

Description of Activities Performed

To administer the activities relating to the management, conservation, protection, and utilization of water resources.

To coordinate water resources programs of State, Federal and County agencies and private entities. To manage and administer water resources data collection activities which include the collection of climatological data, such as rainfall, evaporation, temperature, wind, solar radiation, etc; streamflow data which includes the measurement of floodflows, low flows, and divertible streamflows; ground water data which includes measurements of water levels, water quality and pumpage; and the collection of water use data from all water sources divided into the various categories of use; such as domestic, agricultural, industrial, recreational, and other uses.

Under the water resources data collection activities are the cooperative agreement with the U.S. Geological Survey and the cooperative understanding with the National Weather Service and the Hawaiian Sugar Planters Association.

Long range comprehensive water resources planning activities include an assessment of Hawaii's supply-demand requirement for its limited water resources. The Hawaii Water Resources Regional Plan is being completed to provide for the optimum development of Hawaii's water resources. The planning activities were further augmented by the U.S. Water Resources Council Title III Grant Program matched with State funds for long-range water resources planning and for training of State's professional staff for water resources planning activities.

NATURAL PHYSICAL ENVIRONMENT, GENERAL ADMINISTRATION (LNR 906)

Soil and Water Conservation District

The Department provides administrative assistance to the 15 Soil and Water Conservation Districts (SWCD) in the State. Each District governed by five directors, plans and establishes cooperative action programs for the conservation, development and management of water and soil resources within their district.

Soil and Water Conservation District directors are actively involved in developing the 208 Plan for the State of Hawaii. Directors serve on the Technical Committee on Non-Point Source Pollution and have been meeting



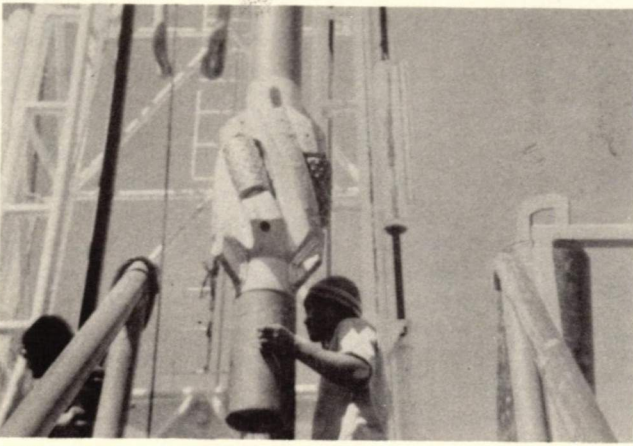
Based on marine survey studies conducted at Honolua Bay, Maui and the numerous public concerns expressed for this area, the Department is currently proposing to establish the bay as a Marine Life Conservation District.

with Department of Health officials to develop technical information upon which County Advisory Committees will base their policy decisions.

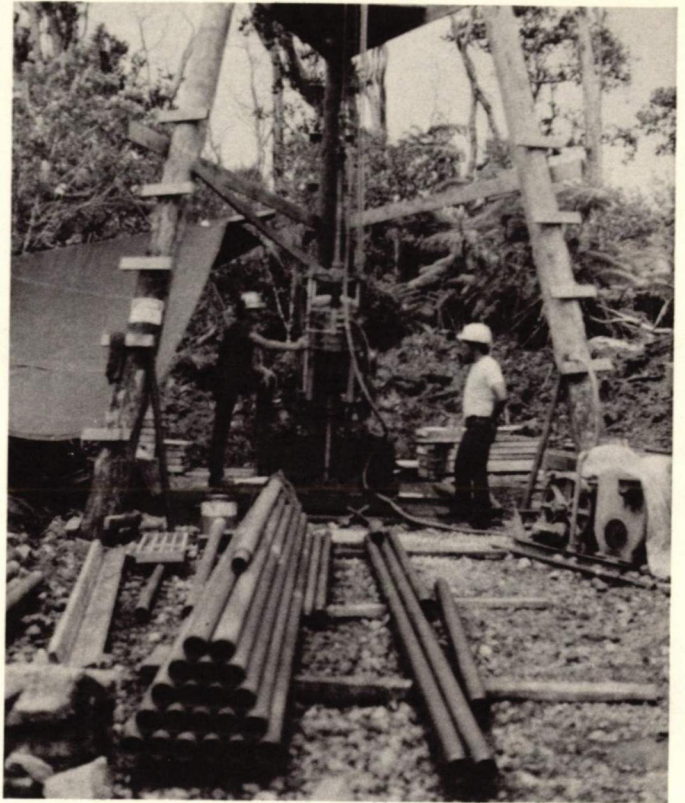
The West Kauai Soil and Water Conservation District supported the inclusion of 46,705 acres of Niihau Ranch lands to the soil and water conservation district. The directors are currently working on the development

of a conservation plan for the island of Niihau.

Soil and Water Conservation Districts have been sponsors of RC&D projects and watershed project studies throughout the state. These non-paid district directors are being called upon more frequently by the County and State to continuously monitor cooperators' plans for compliance to soil erosion and grading ordinances.



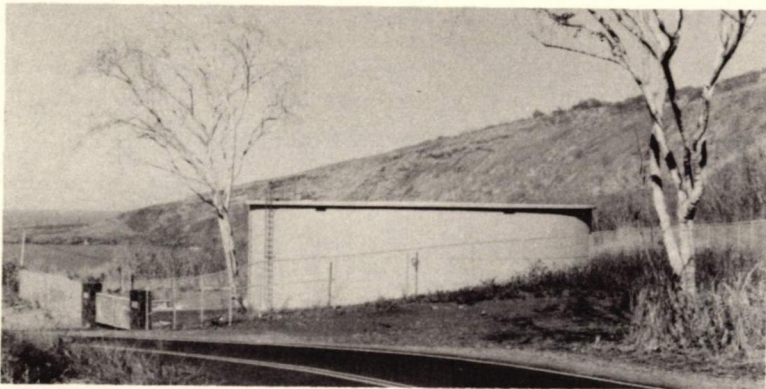
48-HW-18 Lalamilo Well A (5495-01) 17" Rimmer



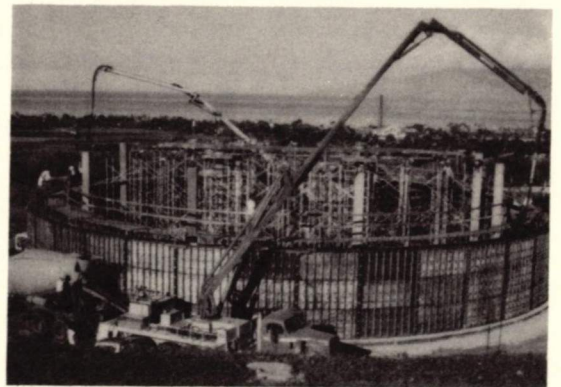
22-HW-25 Volcano Well (2714-02)



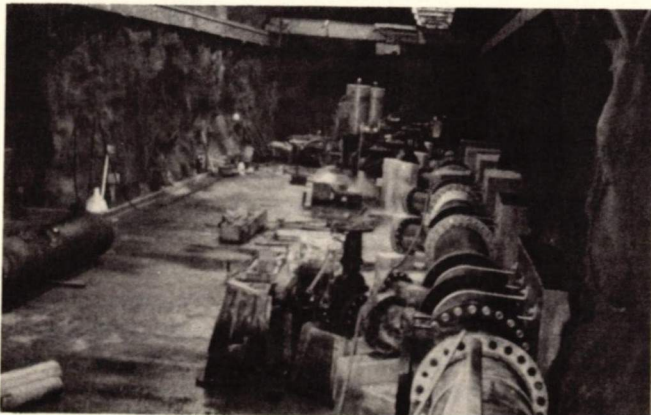
36-SP-18 Palaa State Park, Molokai, Caretaker's Cabin.



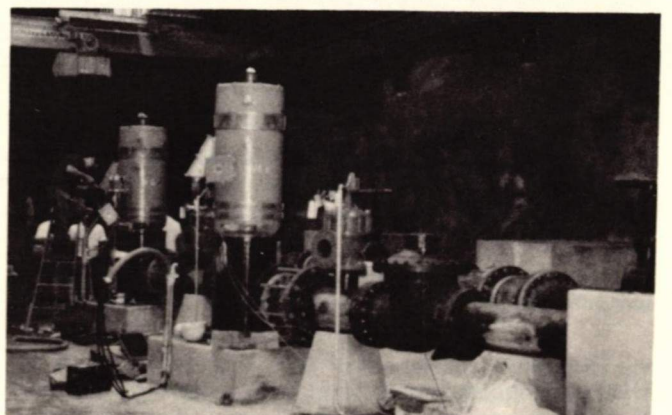
8-HW-41 Keokea, Kona 0.3 M.G. Concrete Water Tank.



35-MW-22 Lahaina, Maui. 1 M.G. Tank



8-HW-42 Kona Shaft. Standing at toe of shaft looking towards end of pump room.



8-HW-42 Kahaluu Shaft No. 2 & 3 motor. Looking towards end of pump room.

Administrative Services Office

The Administrative Services Office, under the overall supervision of the Department Fiscal Officer, provides general support to the Chairman and the Members of the Board and to the staff and operative units of the Department. A major role of this office is to provide internal control over fiscal transactions. Besides the term internal control, we often hear references to management control, accounting control, administrative control, operational control and just plan control. Regardless of whether you consider these terms synonymous or distinctive, they serve a common purpose — to improve operation efficiency.

Any control system, regardless of its fundamental soundness, can deteriorate rapidly if not reviewed periodically. The fiscal office provides this check to insure the effectiveness of established fiscal control.

The Administrative Services Office provides the department with internal management and fiscal services which is summarized below:

- Provides general internal management assistance to the Chairman (and executive board where necessary) in exercising responsibilities as chief executive of the department.
- Coordinate the preparation of the operating budget in cooperation with operating units and summarize them with appropriate recommendations for presentation to the Chairman.
- Installs and maintains budgetary controls.
- Reviews and processes all departmental expenditures, including payroll preparation.
- Maintains a system of accounts in accordance with the prescribed state accounting system.
- Maintains account receivable records for the department, including periodic billings.
- Prepares financial and statistical report covering departmental operations where necessary.
- Studies the department's management methods and procedures as directed and submits observations to the Chairman.
- Performs purchasing activities in coordination with the State's control purchasing division.
- Compiles, analyzes, and/or evaluate statistical and other data when directed by the Chairman.

This office also provides specialized liaison service with the Department of Budget and Finance and with the Department of Accounting and General Services and selected Federal agencies.

Planning Office

This office is staffed by four planners and three secretaries; three of the positions are temporary. In addition, a draftsman is on loan from the State Parks Division.

In May 1977, an inventory of Conservation lands was completed. The inventory is in map form. It covers five

major islands and is to be printed in October 1977.

A plan for use of the Conservation lands was completed in June 1977 and will be submitted in August 1977 for Board action.

Revision of Regulation No. 4 is continuing. Four drafts have appeared since the spring of 1976 when extensive review was made by the Attorney General's Office. Public hearings are being scheduled for the next fiscal year.

For the year ending June 30, 1976, 150 applications were received for the use of the Conservation land; 34 were carried over from the previous year. Public hearings were held in 18 cases. The Board approved 106 applications and denied 19. Eighteen applications were withdrawn. Forty-one remain pending with a median age of 1 month and the earliest submitted 3½ months ago.

During the year, the office reviewed 17 environmental impact statements (EIS), 6 draft EIS's, 19 environmental assessments, and 15 EIS preparation notices. The purpose of these documents is to describe and evaluate the impact of various developmental proposals. In addition 31 clearinghouse reviews were made to determine if various federal aid projects had any effect on departmental activities. Comments were also made on two ocean discharge permits, one highway alignment, nine land use boundary changes and sixteen USCE notices and letters concerning work in navigable waters.

During the year, 40 complaints and reports were received of violations in the Conservation District. Investigations were conducted by field personnel diverted from normal duties. Settlements received totalled \$2,000 for the year. In addition 9 investigative reports were turned over to the Attorney General for disposition.

Personnel Office

The Personnel Office maintains a comprehensive personnel program for the entire department. The staff provides supportive services to the Chairman and to the six operating divisions and two staff offices.

Major services provided include guidance and technical assistance in such specialized areas as position classification, employee relations, and employee training and development. The office maintains a centralized system for processing, recording, reporting, and filing personnel transactions and records of all employees. The Personnel Officer prepares and makes recommendations for adoption of personnel policies and procedures within the department.

To cope with the increased unemployment problems within the State, many public employment programs were initiated. The office was the focal point in coordinating these programs which included the Federal Comprehensive Employment Training Act (CETA) — 33 employees, the State Comprehensive Employment Training Act (SCET) — 116 employees, Conservation Corps Workers (CCW) — 17 employees. These workers together with more than 200 students hired for the summer and 48 Youth Conservation Corps participants for an 8-week program occupied a significant portion of the staff activities.

SECTION 6

PROGRAMS FOR LEISURE TIME



Scenic Kaliuwa Falls, or Sacred Falls, and 1,374 acres of surrounding lands were acquired in November, 1976, for establishment of a new State park near Hauula, Oahu. —Photo by R. Kanayama.

HISTORICAL AND ARCHAEOLOGICAL PLACES (LNR 801)

Lapakahi State Historical Park, Hawaii

Development of the Lapakahi State Historical Park near the northern tip of the island of Hawaii is presently in its third development phase which is scheduled to be completed in September 1978. Specific objectives at Lapakahi are twofold: 1) to preserve an important portion of North Kohala's historic resources, and 2) to provide job opportunities in this economically distressed area of the island.

The Lapakahi project is especially significant because it is the State's first major Historical Park. Planning, development, archaeology and interpretive program procedures that are being developed for this park will serve as guidelines for subsequent historical park projects in the State. Major accomplishments at Lapakahi consist of the following:

1. A master plan for park development has been completed;
2. Approximately 100 acres of land have been cleared of keawe trees and other exotic vegetation;
3. A systematic control program has been initiated to prevent growth of undesirable vegetation;
4. A plant nursery and planting program has been established and approximately 40% of the planned landscaping of the Koaie Cove fishing village site has been completed including the installation of a drip irrigation system;
5. Recording, stabilization, investigation and location of archaeological sites and features are being accomplished on a continuing basis;
6. A park entrance road, parking lot and trail system have been constructed;
7. An interim visitor information shelter has been constructed and an interpretive program consisting of displays, demonstrations and guided tours has been developed and placed into operation; and
8. A marine survey of the Koaie Cove and adjacent waters has been conducted to establish the Lapakahi Marine Life Conservation District.

The project is currently providing employment for 52 persons including 21 funded by capital improvement project appropriations, 30 through the State Comprehensive Employment Training Act (SCET) program and One through the Comprehensive Employment Training Act (CETA) program.

The project will proceed into the fourth planning and construction phase commencing in September 1977.



Procedures have been initiated to acquire the 13.8-acres of land at Lae o Kealohi, more popularly known as Matson Point, for establishment of a State Park. The proposed park will provide scenic vistas of Kaneohe Bay, the Koolau Range and Mokolii Island.

—Photos by R. Kanayama

Kealakekua Bay State Historical Park, Hawaii

The most significant proposed State historical area from the standpoint of archaeological and historical importance, is Kealakekua Bay.

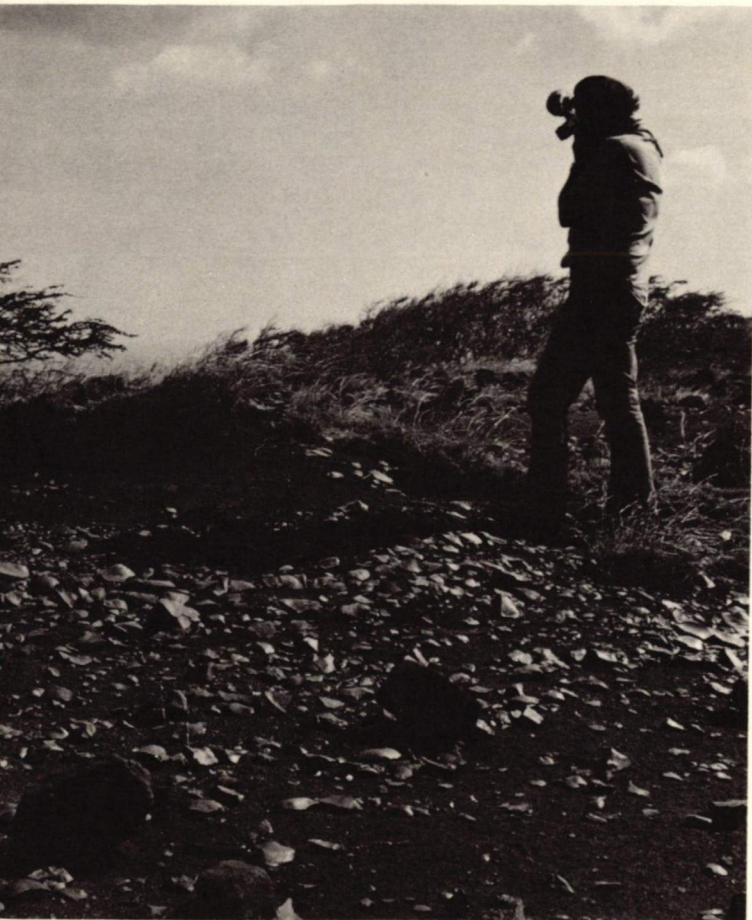
The historical and cultural significance of Kealakekua Bay results from the unique combination of superbly detailed accounts, the importance of the densely populated settlements around the bay in the native Hawaiian political, religious and economic systems, and the abundance of archaeological remains that can still be found here. In no other place in Hawaii can such a combination of historical and archaeological resources be found. The ancient settlements that once rivaled Kealakekua as center of political power, Waiakea (now Hilo), Wailuku, the two Kailuas, Hana, etc., have all been obliterated by modern development or the forces of nature. Of all the numerous archaeological sites remaining on all major islands, no other area was described in detail by the early Western visitors to Hawaii. Thus Kealakekua offers the only opportunity in all the islands for specific detailed comparisons between early eyewitness descriptions and the actual remains themselves.

A public meeting was held in Kona in September to receive information from the local community on their views of the proposed park. The Napoopoo Community Association spoke in favor of a historical park providing that their homes were not to be acquired for the park. People in the community were interested in sharing their knowledge of the history and sites of Kaawaloa and Napoopoo. An oral history project was developed with the Multi-Cultural Center to interview kamaainas. A contract was also developed for documentary research on what the Bay was like in 1779 and the changes that have come since then.

Kalaupapa Peninsula, Molokai

The first draft of the "Alternative Study for the Future of the Kalaupapa Leprosy Settlement" has been completed and is currently being edited and finalized. This is a study made jointly by the State of Hawaii, the National Parks Service, and the County of Maui to identify and analyze the potential effects of various management alternatives at Kalaupapa. Among the management proposals being considered are to retain the area as presently stands under the jurisdiction of the

Department of Health, to create a National Park, to create a State Park, to operate the area under County jurisdiction, or to operate it under joint Federal, State, and County jurisdictions. The study is subject to final approval by a Kalaupapa National Historical Park Advisory Commission which is currently being established by the U.S. Department of the Interior.



Kahoolawe adze quarry during recent State survey. State Archeologist Robert Hommon on the right.

—Photo courtesy of the State Historic preservation Office.

Kahoolawe Cultural Resource Inventory

The archaeological survey of Kaho'olawe is a joint project of the U.S. Navy and the historical preservation office. The survey was initiated in January 1976. Five surveys and one salvage fieldtrip were performed during the year and these resulted in the locating of 71 sites.

The goals of the surveys are to identify, describe and determine the significance of all archaeological sites on the island and to develop a program for their preservation. In general, the ancient settlement pattern on Kahoolawe included small localized settlements near the coast of and isolated structures and campsites on the interior plateau. In nearly all Kahoolawe sites tools and fragments of basaltic glass are found. Tools flaked from basaltic glass can be as sharp as broken bottle glass and were probably used by the Hawaiians when a sharp blade was needed. Through a technique called hydration-rind

dating, the year date of the manufacture of each tool can be determined to within as few as nine years. About 200 basaltic glass samples have been dated. So far, the earliest dates are around A.D. 1150 to 1200. Only the coast of the island appears to have been occupied for at least 250 years, then around 1400, a relatively rapid expansion inland seems to have taken place. The latest dates are from the period 1600 to 1650.

One of the most significant sites on the island is the adz quarry. In numerous workshop areas distributed throughout twelve acres near the center of the island are unfinished adzes of high quality basalt and flakes formed in their manufacture. This is one of the largest known adz quarries in Hawai'i. Ten basaltic glass samples from one small portion of the quarry date from the early 1400s, shortly after the inland expansion. A high percentage of the unfinished adzes are three sides or trapezoidal in cross-section while most Hawaiian adzes are rectangular or square in cross-section. So far no answers have been found to explain why these adzes were of such an unusual form.

In May, the U.S. Navy who has a federal legal responsibility to identify all cultural resources on the island, contracted with this department to complete the survey on a regular five days a month basis with \$98,000 in funds from the Navy.



Hale Pa'i, Printing House at Lahainaluna, Maui. Drawings being developed for stabilization and repair.

—Photo courtesy of Bob Fox.



Kamehameha V Post Office, ca. 1878. Building is undergoing restoration and rehabilitation.

—Photo courtesy of the State Archives.

Iolani Palace State Monument, Oahu

Seven years of planning and restoration work on the Iolani Palace has resulted in the near completion of planned restoration of the structure. During the Fiscal Year, Phase VII and Phase VIII contract work with the Friends of Iolani Palace was accomplished. These contracts included work items such as the security and fire system, exterior plaster work, and finishing of mill work, plastering, flooring, ceiling and painting throughout the various sections of the palace, repairs to the moat, fabrication and installation of basement hardware and period plumbing fixtures, repair and restoration of throne room furnishings, electrical and airconditioning work. Additional work that remains to be undertaken includes work on the Iolani Barracks, the palace fence and gates, removal of roadbeds, landscaping, site utilities, the Kanaina Orientation center and the coronation stand.

Kamahameha V Post Office, Oahu

During the year our office undertook for the department a restoration, stabilization and adaptive use project for the Kamehameha V Post Office situated on the corner of Bethel and Merchant Streets in downtown Honolulu. Funds for the project have been provided by the Economic Development Administration of the U.S. Department of Commerce. The building which is listed on the State and National Register of Historic Places is over one hundred years old. It will be restored on the exterior to its appearance in 1910, after the addition to the building was put on. The interior will be modern, adaptive use.

The first phase, demolition of deteriorated portions

of the structure, got underway during the month of April. The second phase, construction, is projected to begin shortly after the first phase is completed.

Russian Fort State Monument, Kauai

Archaeological investigations at Fort Elisabeth at the mouth of the Waimea River, Kauai, was continued into Phase II. This work includes the clearing of undesirable vegetation, development of a detailed photographic record of the Fort in its present condition, development of a plan for structural stabilization, and designing of archaeological research plans. Construction work was also initiated at the Fort to accommodate park visitors. A comfort station has been built, and a parking area and the water system are nearing completion.

Historic Preservation Grants-in-Aid Program

Our grants program received \$217,916 from the National Park Service Historic Preservation Grants-in-Aid program. We have allocated part of these funds to three projects in Chinatown which are of great public interest. The developers have been enthusiastic that the projects will provide the catalyst needed to restore and maintain the economic viability of that area downtown.

Other projects participating statewide in the Historic Preservation Grant-in-Aid program are Hulihee Palace in Kona, Hawaii, Grove Farm and Waioli Mission House on Kauai, and Kawaiahao Church and Queen Emma's Summer Palace on Oahu.

Architectural survey and plans for the stabilization of the Hale Pa'i on the Lahainaluna Campus on Maui were undertaken under a State appropriation of \$10,000.

RECREATION TRAILS (LNR 802)

Iliau Nature Loop — Kauai

The Iliau — an ancient member of the sunflower family and a very close relative of the Silversword — is the featured plant species in the Iliau Nature Loop located near Puu Kukui on the western edge of Waimea Canyon.

Since 1778 when Captain Cook first landed on Kauai, the islands have become a new home for many different plants from all over the world. Delicately balanced native plant communities have not been able to stand up against many of the aggressive new plants.

Iliau Nature Loop is a project of the Department of Land and Natural Resources, Division of Forestry, begun in 1965 to curtail the march of introduced plants in an area containing a good representative selection of native dryland-scrub species of that region of Kauai. Many truck loads of invading introduced trees and plants have been killed, cut, uprooted, and hauled away, so that a sample of the early flora of this leeward mountain region of Kauai can be observed.

The Nature Loop contains many labeled specimen of plants and is used as an outdoor classroom for school group forest management and nature talks given by Division of Forestry Foresters and Forest Rangers.



Kahua Trail, Sierra Club, summer '74 III. B.



Kahua Trail, Sierra Club, summer '74. Ahu along the trail.



Kahua Trail, Sierra Club, summer '74. Kahua campsite. III. B.

Sierra Club Trail Project on Maui

During the months of July and August 1976 the Forestry Division and the Hawaii Chapter of the Sierra Club participated in a cooperative trail construction project high on the south slope of Haleakala in the Kalikinui Forest Reserve. During a concentrated 2½ week period, one mile of access trail was added to the Kahikinui Trail extending it from Manawainui Gulch to Waiopae Gulch.

The project was conceived in the late sixties as a means towards the effective management of the large feral goat herds in eastern Kahikinui, but was never carried out because of lack of funds and manpower. The Sierra Club in its search for meaningful conservation projects selected the Kahikinui Trail for its 1974 summer project on Maui. One mile of trail was constructed during this summer. In 1976 the Sierra Club again worked the Kahikinui Trail adding another mile to it.

The Kahikinui Trail system is planned to be completed by 1980 using CIP funds and Sierra Club assistance. It will include 8.5 miles of trail and an over-night hunter cabin. This trail will attract hunters into the central Kahikinui backcountry where an overpopulation of goats is adversely affecting the environment. This trail



Sign at start of Iliau Nature Loop.

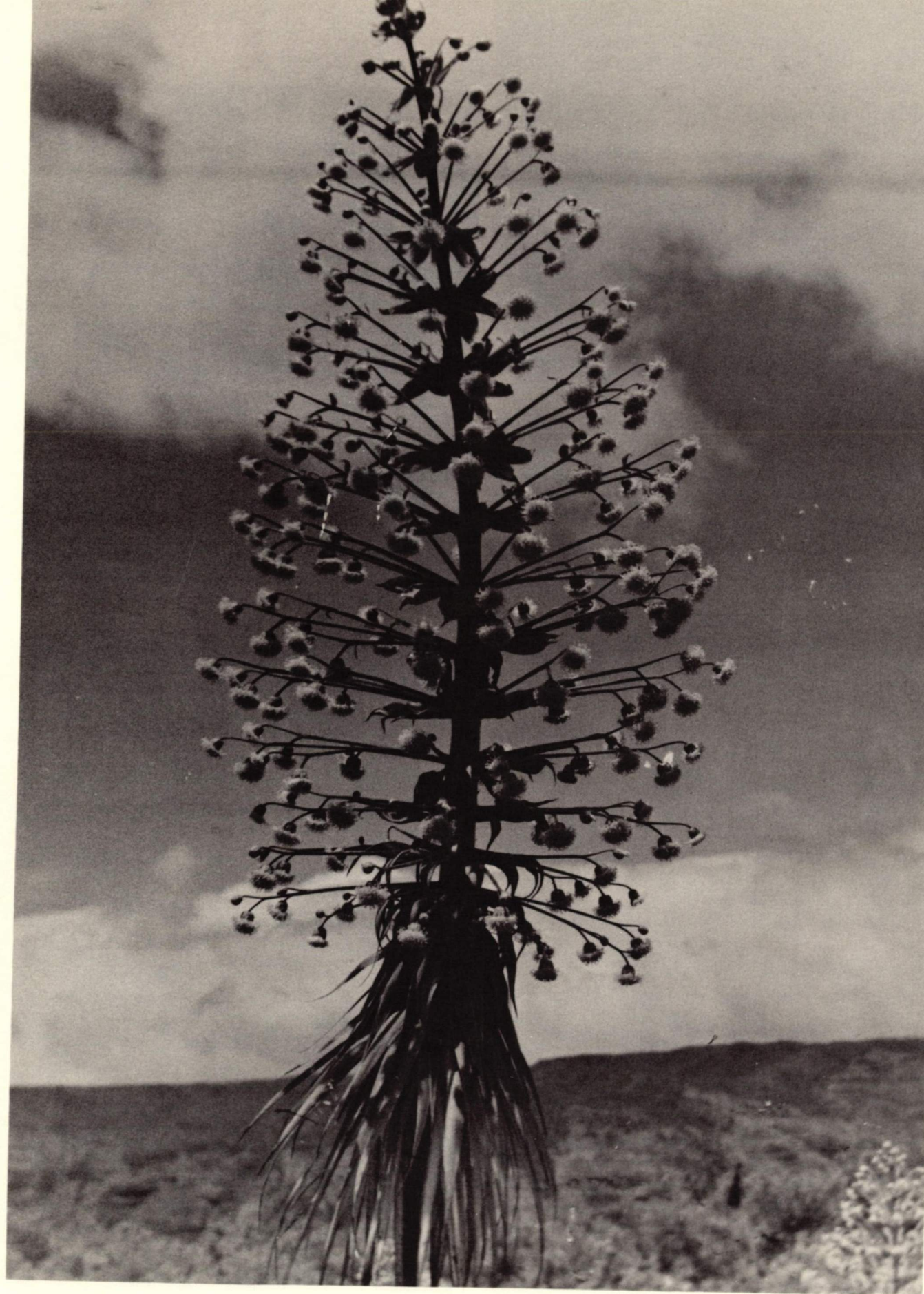


Student planting at Iliau Nature Loop.



School group at Iliau Nature Loop.





Iliau WILKESIA GYMNOXIPHUM.

traverses some of the most scenic high mountain country on Maui. The terrain is steep and rocky with much lava and is cut by several deep gulches. Vegetation consists of high elevation native pukiawe-ohelo shrub type with occasional ohia trees which stand out like picturesque sentinels against the mountain slope and clouds. There are excellent views toward the summit, across the mountain slope toward Kaupo Gap, down along the entire southern seacoast, and across the Alenuihaha Channel toward the Big Island.

Completion of the Kahikinui Trail system will be a major step toward the improved management of the wildland resources of the Kahikinui Forest Reserve.



Kahua Trail, Sierra Club, summer '74. III. B.

Other Recreation Trails and Access

Forest trails and roads continue to be a source of pleasure to thousands of island residents and visitors. In an effort to make such wildland use both enjoyable and safe, the Division has, in response to a legislative resolution, been working on a hiking safety pamphlet. It will consist of a compact, illustrated brochure that offers advice on how to deal with the commonly encountered problems in Hawaii's wildland areas. Publishing should come about in the fall.

OTHER NATURAL FEATURES (LNR 803)

Diamond Head State Monument, Oahu — Planning for the recreational use of Diamond Head Crater was initiated with the drafting of several conceptual plan alternatives. Public informational meetings have been scheduled to present the plan alternatives to the public and to obtain ideas and suggestions from interested parties before a final plan is selected.

A boundary survey was made at Diamond Head to assist in determining what areas would be placed under Department of Land and Natural Resources jurisdiction in accordance with Section 6-15, of the Hawaii Revised

Statutes. Act 182, SLH 1975 amended Section 6-15, and in essence directs that all state lands within and adjacent to the Monument except for land upon which is situated a structure in active use for the purposes originally intended will be added to the movement. The purpose of this action is to preserve the visual and historic aspects of Diamond Head and to provide for recreational use and increased public access and enjoyment of the entire crater.

OTHER INLAND BASED OUTDOOR ACTIVITIES (LNR 804)

Wailoa Center, Hawaii — The Wailoa Center situated in the Wailoa State Park in Hilo, Hawaii presented 13 different exhibits during the year and recorded a total visitor attendance of 42,240. The exhibits included displays of paintings, photographs, ceramics and weaving and centered on themes such as the sugar plantation industry, the Bicentennial, Hawaiian wildlife, National Parks and ancient Hawaii. A photographic display on tsunami destruction was held to coincide with the November 21, 1976 dedication of the Shinmachi Tsunami Memorial which is a lava rock, and ceramic mosaic art work monument constructed near the Wailoa Center. This monument was built in memory of victims of the devastating tsunamis, or seismic waves, that have hit Big Island shores.

Honolulu Stadium State Park, Oahu — The 9.2-acre site of the old Honolulu Stadium in Moiliili, Oahu was purchased in 1975 for \$8.5 million. The stadium was demolished in November, 1976 and the grounds were fenced and partially landscaped. A master plan is being prepared for the park site and will incorporate many ideas and other input provided by the public, especially of communities in the vicinity of the park. The plan will propose activities in a well landscaped area centered around a passive recreation theme. Construction is anticipated to begin in early 1978.

Sacred Falls State Park, Oahu — Acquisition of 1,374 acres of land for the Sacred Falls State Park located south of Hauula, Oahu, was completed in November, 1976 at a cost of \$3.48 million. The purchase includes the scenic Kaliuwa Falls (Sacred Falls) and most of Kaluanui Stream. A park master plan is now being prepared and is anticipated to be completed by December, 1977. It will propose such uses as hiking, camping, picnicking and nature study along with interpretation of geologic and archaeologic values.

Salt Lake Park, Oahu — The State is presently negotiating for the acquisition of approximately 130 acres of land adjacent to the Salt Lake golf course for the establishment of a park within the Salt Lake Community. Once the lands are acquired, operation and maintenance of the park will be under the jurisdiction of the City and County of Honolulu.

Waimano Gulch Park, Oahu — Some 1,344 acres of State lands in Waimano Gulch situated above Pearl City, Oahu between the Waimano and Manana Ridges is currently being proposed to be developed as a State Park. A preliminary background study was completed identifying and assessing the resources in the gulch from Komo Mai Drive to the Koolau summit. The study also identifies land acquisition requirements to provide suitable access to the State-owned lands.

Public Fishing Areas

Kokee PFA, Kauai — Fishermen checking station data collected during the 1976 trout fishing season (August 7 to September 26) showed that 526 fishermen-trips resulted in the taking of 538 trout. Some 1,522 fishing hours were enjoyed, with an average of 2.89 hours and 1.02 trout per fishing trip. The largest trout of the season, caught in the Koaie Stream, measured 18.5 inches and weighed 2 pounds, 6 ounces.

Trout hatchery facilities were operated from January 27 through April 26, 1977. Two shipments of 50,000 eyed rainbow trout eggs from the Mount Shasta Hatchery of the California Department of Fish and Game were received and processed during this period. A total of some 84,000 resulting fingerlings were stocked in the streams of the Kokee PFA.

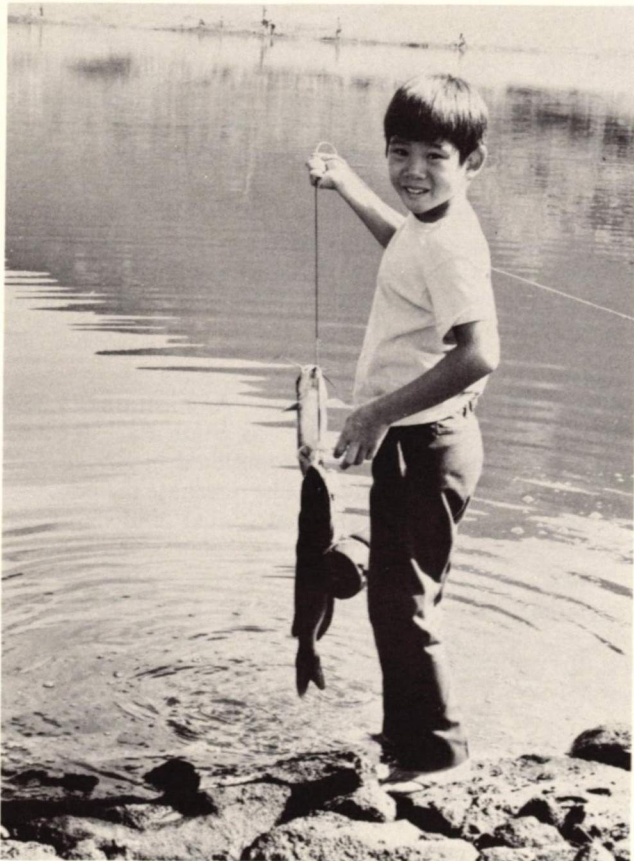
Wahiawa PFA, Oahu — Estimates derived from creel census and fisherman interview data collected during

fiscal year 1977 showed slight decreases in usage of the Wahiawa PFA, as compared to usage in fiscal year 1976. It was estimated that about 16,005 fisherman-trips (16,445 in 1976) were made to this facility, and that some 35,532 hours (43,538 in 1976) were spent in recreational fishing. It was further estimated that about 22,530 fish (19,674 in 1976) weighing a total of 12,461 pounds (13,992 in 1976) were caught.

Unusually prolonged and severe drought conditions necessitated the installation and operation of an emergency artificial aeration system from September, 1976 through February, 1977. The use of the aeration device successfully averted the occurrence of significance fish kills.

Following successful acquisition of an electrically driven air compressor (which is the key piece of equipment), planning was initiated during this report period for the installation of a permanent artificial aeration system to cope with future periods of low water.

Board of Water Supply Nuuanu Reservoir No. 4, Oahu — Significant recreational opportunities were again provided through controlled public fishing in the BWS Nuuanu Reservoir No. 4, which lies within a restricted watershed in Honolulu. Two periods of public fishing (August 14-15, 21-22 and 28-29; and May 7-8, 14-15, 21-22 and 28-29) produced 1,150 channel catfish for 2,620 fishermen. A conservative estimate of the total weight of fish caught was 1,012 pounds.



A happy young angler shows off his catch of channel catfish at a fish-in in the Nuuanu Board of Water Supply Reservoir No. 4.



A proud little fisherman with a channel catfish he caught in the Nuuanu Board of Supply Reservoir No. 4.

Public Hunting Areas

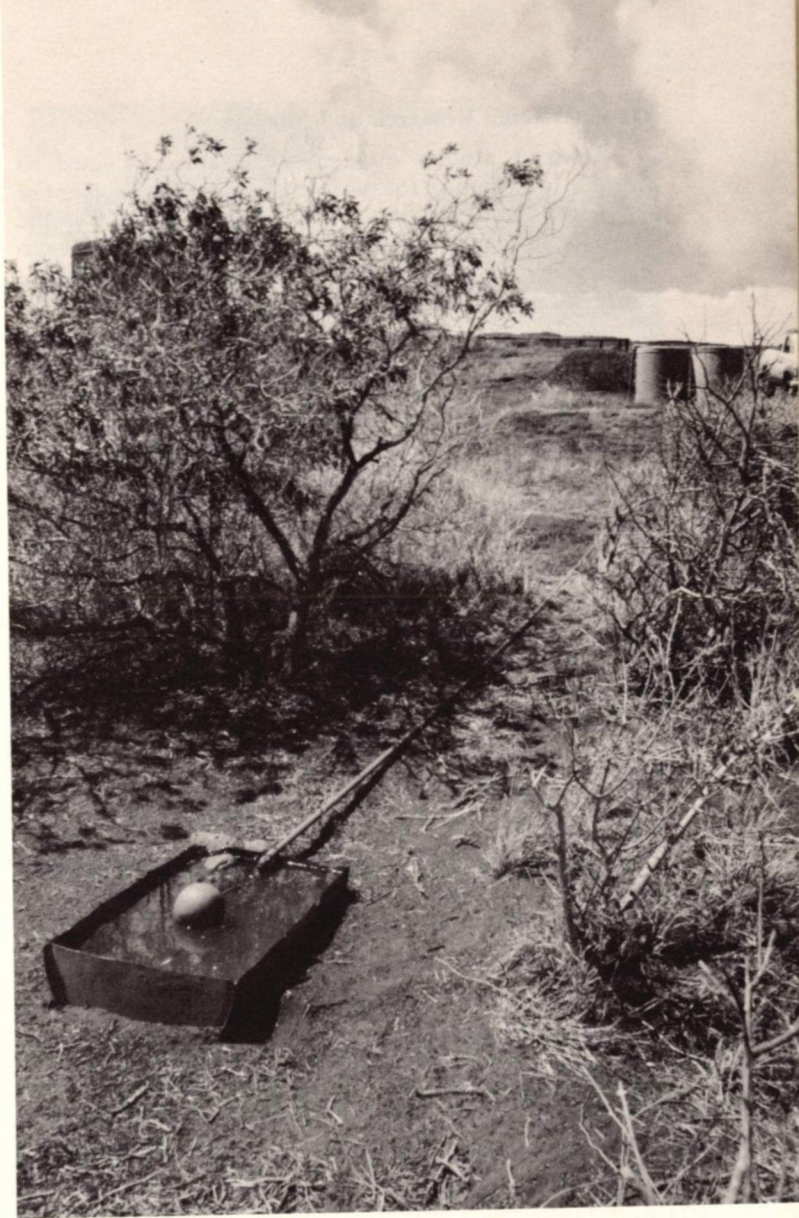
Over 1,000,000 acres of land in the State are managed by the Department for public hunting. These include State-owned lands within the Conservation District, Hawaiian Homes Lands, Forest Reserves, Federal lands operated under management agreements and private lands made available through cooperative agreements. These lands include 428,914 acres which have been designated as "Game Management Areas" because of their exceptional potential for public recreational hunting. The Puuwaawaa Cooperative Game Management Area on the island of Hawaii was opened for the first time this year. This provided hunters with an additional 25,000 acres of hunting area on weekends throughout the month of November.

Statewide game mammal hunters made 15,010 trips on game management areas, which was lower than average when compared with previous years. The low number of hunter trips was attributed to the closure of some military areas due to training activities and a partial suspension of the Hawaii mouflon sheep hunting season. The decrease in hunter trips produced a lower harvest of game mammals; however, hunter success in 1976-77 was higher than that of 1975-76. A total of 3,666 game mammals was harvested on game management areas including 1,135 feral sheep, 1,664 feral pigs, 629 feral goats, 193 axis deer, 39 mouflon and 9 blacktail deer. Additional numbers of pigs and goats were harvested on other public hunting areas where records were not kept. Also, the harvest on private lands, for which no data are available, was undoubtedly significant, particularly for axis deer and feral pigs.

Game bird hunters experienced a somewhat better year in terms of harvesting game birds, primarily due to an increase in the game bird population brought about by rainfall that improved the habitat during the summer nesting season. The ring-necked pheasant was the only upland game bird that exhibited a decline in hunter harvest. This year, 9,711 hunter trips were made into the public hunting areas and the harvest was as follows:

Chukar partridge	2,427
California quail	1,225
Ring-necked pheasant	968
Erckel's francolin	661
Barred dove	631
Grey francolin	617
Black francolin	338
Japanese quail	253
Lace-necked dove	190
Rio Grande turkey	52
Gambel's quail	16

The total harvest of 7,386 game birds was an increase of nearly 1,500 game birds over the harvest of the previous year. Hunters average 0.76 birds per trip this year.



GAME HABITAT IMPROVEMENT — Water unit at Kahue ridge, Island of Lanai. Rain caught on large catchment (in distance) is stored in storage tanks and made available in open troughs with float valves. Such water enhances the survival of game birds and mammals during periods of drought.

Development, Maintenance and Operation of Game Management Areas

Development, maintenance and operation activities on the public hunting areas to enhance game bird and mammal productivity, and to provide facilities for hunters were continued. Fences to protect watering units from damage by cattle were constructed on Kalo, Polihale and Kaaweiki Ridges, Kauai. Artificial game bird food plantings to supplement the wild food supply were installed at Puu Opae, Kauai and Kuakala Game Management Area, Oahu as a means of enhancing productivity. Other projects included the installation of three fiberglass watering units at Pohakuloa on Hawaii and two units at Kahue Ridge on Lanai. Big game and game bird water units, hunter access roads, hunter checking stations and informational and boundary signs were maintained on all islands.

Game Wildlife Research and Surveys

Research studies and surveys were conducted to provide information for more intensified management of the game resources Statewide. Of significance was the ongoing biotelemetry study of mouflon on Mauna Kea to determine their daily and seasonal movements, and home range. In addition, baseline transect data were collected in mouflon habitat on Hawaii to obtain a quantitative measurement of the vegetation of their range. Aerial and ground censuses and harvest data were used to estimate the feral sheep herd size on Mauna Kea. It was estimated that there was a pre-season population of 1,425 sheep. On Kauai, studies of the blacktail deer continued, with the primary emphasis being focused on developing a reliable technique of estimating the population. The blacktail deer range was judged to be in excellent condition on the basis of browse surveys made during the year. Passion-

flower vine was found to be the most heavily used species, followed by plaintain, haole koa, silk oak and Hawaiian koa. An estimate of 750 blacktail deer was made for the known deer range west of Waimea Canyon.

Enforcement

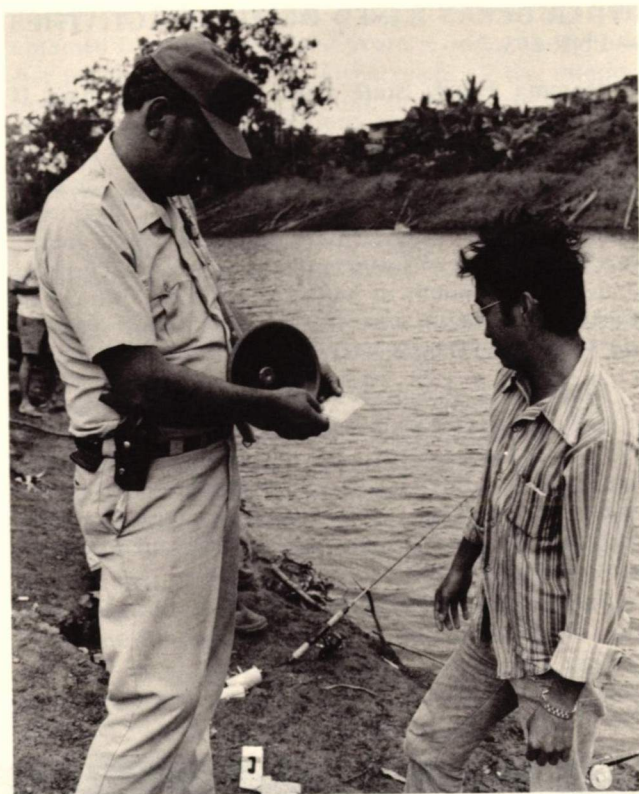
Enforcement activities under the Fish and Game Division's LNR Programs 804 and 805 are summarized as follows: patrolled 301,162 miles by vehicle, foot and boat; contacted 62,711 hunters, fishermen and other resource users; conducted 6,299 inspections of vehicles, fishing crafts, bags and creel, and gear used by hunters and fishermen; and conducted 165 investigations of fishing and hunting complaints. A total of 466 citations and 19 penal summons was issued and 22 arrests were made for fishing, hunting and other related violations.



GAME HABITAT IMPROVEMENT — Water units installed in dry areas mean survival for game birds and mammals during periods of drought. Note large rain catchment roof which leads to water tanks and trough at this installation on Kahue ridge on the Island of Lanai.



Fish and Wildlife Enforcement Officers inspecting spot-lighting devices seized from hunters unlawfully poaching deer at night.



Fish and Wildlife Enforcement Officer checking freshwater game fisherman for current license, fishing gear and bag limit.

Fish and Wildlife Enforcement Officers assigned to the marine unit approaching a SCUBA diver's fishing craft for inspection of fish catch.



OTHER OCEAN BASED OUTDOOR ACTIVITIES — LNR 805

Hapuna Beach State Park, Hawaii — Phase II development work was completed at this outstanding beach park in the South Kohala District of Hawaii. Including improvements done during Phase I, the park facilities now include 3 comfort stations, 2 pavilions, 8 picnic shelters, a paved parking area for 90 vehicles, walkways, and extensively landscaped grounds. Federal funds in the amount of \$494,635 from the Bureau of Outdoor Recreation were used to help finance Phase I and Phase II development costs.

Makena-La Perous State Park, Maui — A conceptual plan for the proposed Makena-La Perouse State Park on Maui was nearly completed by the end of the fiscal year. A draft plan was first submitted for public review in December, 1976, and in response to public reaction, the current plan was modified to minimize development.

The proposed park includes a grey sand beach on the Kihei side of Puu Olai as well as "Big Beach" on the La Perouse side of the cinder cone. From Puu Olai the proposed park extends along the shoreline for approximately nine miles through La Perouse Bay to Kanaloa

Point. The Ahihi-Kinau Natural Area Reserve is excluded from the park itself but can be visited.

Minimum beach park development in the Puu Olai area is expected to include designated picnicking and camping sites. Very little grading or landscaping is anticipated. Before development can take place around La Perouse Bay and beyond, archaeological surveys will have to be made to determine suitable locations for construction of public facilities and facilities for interpretation of archaeological features. Beyond La Perouse Bay, the area is expected to be left as wilderness for those willing to hike in to camp, fish, view the archaeological sites, or to just enjoy a rugged undeveloped shoreline.

Kaiaka State Park, Oahu — A master plan for development of the Kaiaka State Park at Waialua, Oahu was completed by in-house staff. The plan provides for development of a passive recreational park with emphasis on activities such as camping, picnicking and fishing. The 53-acre park site was acquired by the State in October, 1976 at a cost of \$3,550,000, and work on park development is scheduled to begin in early 1978.

Kaena Point State Park, Oahu — A conceptual plan for the park was initiated during the fiscal year. The planning area includes 10 miles of shoreline between



Development of the 53-acre Kaiaka State Park situated between the towns of Waialua and Haleiwa, Oahu is scheduled for early 1978. The park will be designed for passive recreational activities with emphasis on camping, picnicking and fishing.

—Photo by R. Kanayama.

Kaneana (Makua) Cave and Dillingham Airfield, Makua and Kahanahaiki Valleys and the upland State managed areas including Kuaokala and Mokuleia Forest Reserves.

An Environmental Impact Statement Notice of Preparation was prepared and sent to 160 groups or individuals in March and 62 responses were received. This notice explored minimum and maximum levels of development at Makua and Keawaula beaches on the leeward coast, the Kaena Point area, beaches around Camp Erdman and mountain park development at Peacock Flats. The majority of the responses favored preservation of the park with minimum developments and trail access. Types of access considered included a scenic highway, a railway or shuttle bus, or a bikeway as well as the existing trails.

The plan is to be finalized and initial development will begin in fiscal year 1977-1978.

Malaekahana State Park, Oahu — Negotiations with the James Campbell Estate were successfully completed for the purchase of 74 acres of beachfront land at Malaekahana Bay, Oahu for establishment of a new State park. This new park is situated between the towns of Laie and Kahuku along the North shore of the island and it opens up to the public an outstanding, scenic, white-sand beach that was not utilized by the general public to any appreciable extent due to the lack of suitable access. The purchase price was nearly \$5.64

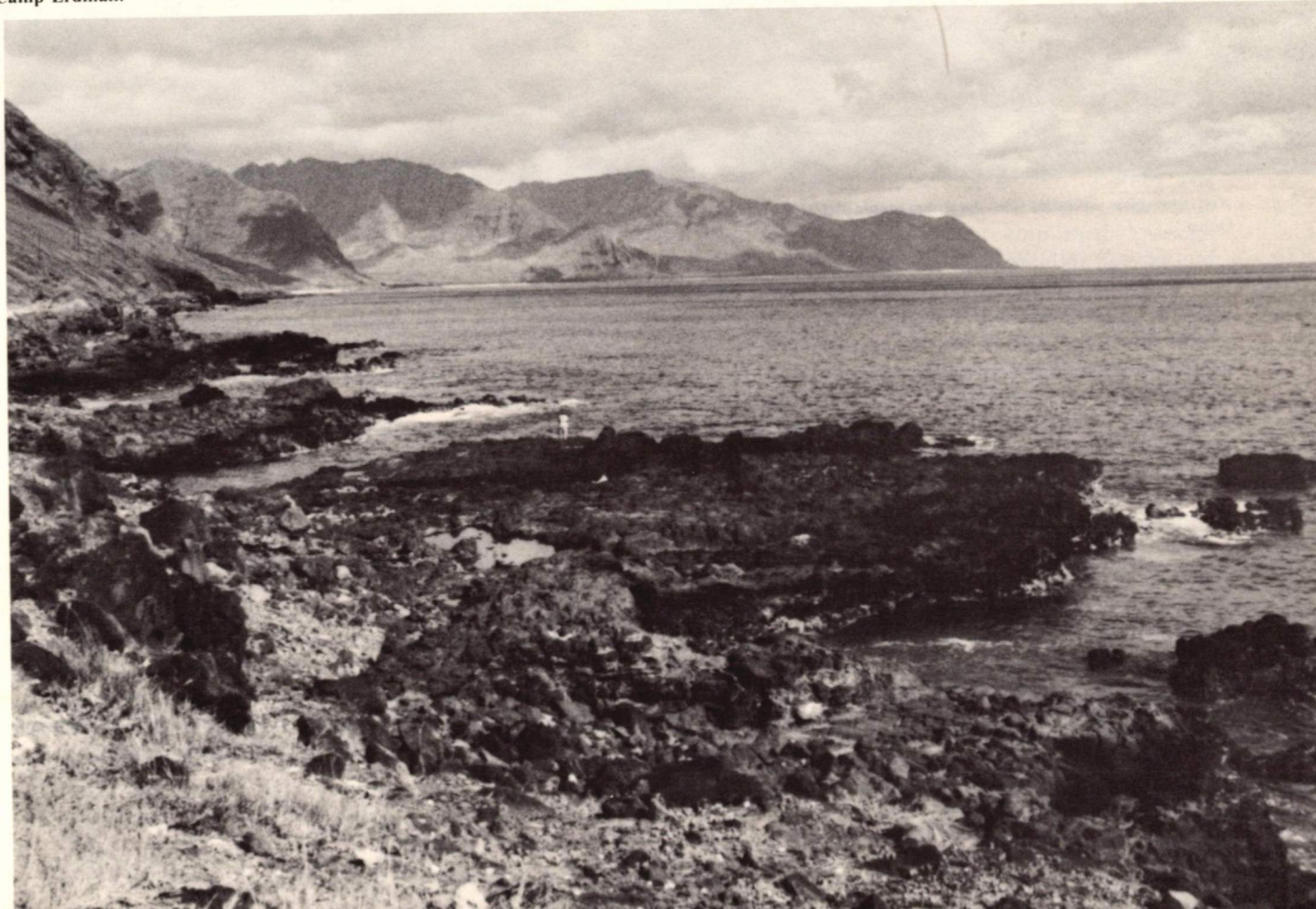
million. A Federal grant of \$2.31 million has been obtained from the Land and Water Conservation Fund Act program of the U.S. Department of the Interior, Bureau of Outdoor Recreation, to help finance part of the land purchase and relocation assistance costs that will be incurred. A park master plan has been completed, and it envisions the park as a scenic, natural area park providing camping, picnicking and water oriented activity opportunities. Construction of the park is anticipated to begin in early 1978.

Sand Island State Park, Oahu — Construction of the first phase of the planned incremental development of the Sand Island State Park on Oahu was completed, and a dedication ceremony featuring an address by Governor George R. Ariyoshi was held on June 5, 1976. Phase I encompassed an area of approximately 13 acres at the Waikiki end of the island bordering the Honolulu Harbor and the entrance channel. Park improvements consist of a roadway, landscaping, a comfort station, picnic tables, park benches, and parking areas. Federal grant funds of \$656,897 from the Bureau of Outdoor Recreation were utilized in the Phase I construction work.

Phase II design was completed and construction is anticipated to commence in September 1977. Included in this phase of work, which will occur makai of the completed Phase I area, are the construction of three comfort stations, a caretaker's house, a maintenance-office building, camp grounds, picnic areas and landscaping work.

The shoreline at Keawaula near Kaena Point, Oahu, is included in the Makua-Kaena Point State Park. This park will extend from Kaneana (Makua) Cave, which is located along the distant shoreline near the middle of the photo, to Kaena Point, then back along the Mokuleia shoreline to Camp Erdman.

—Photo by R. Kanayama.





Archaeological investigations have been completed and construction will begin soon at the Waimanalo Bay State Recreation Area at Waimanalo, Oahu.
—Photo by R. Kanayama.

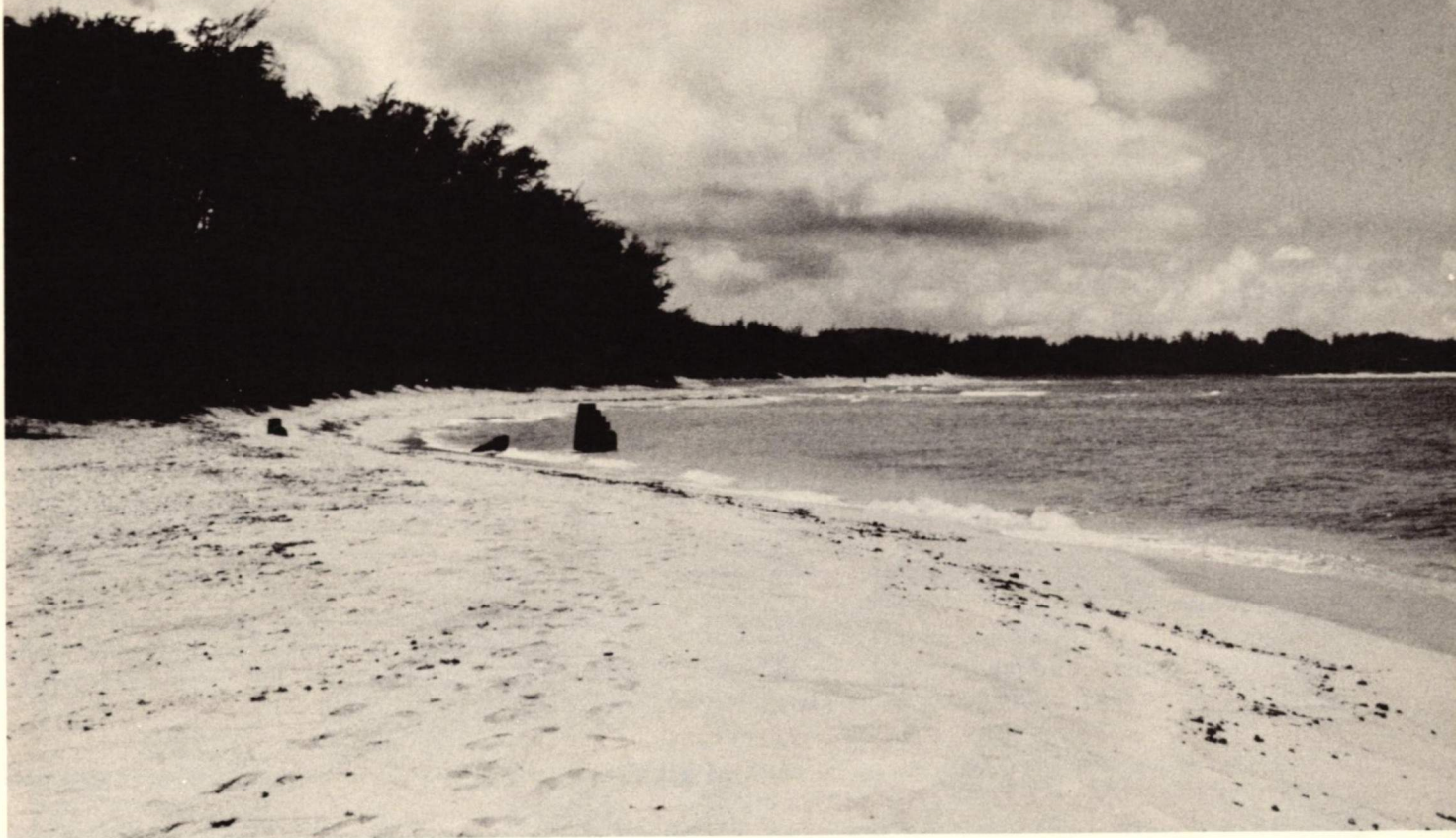
Waimanalo Bay State Recreation Area, Oahu —

Following considerable delay, an archaeological survey of the park site was completed, to satisfy the requirements of federal historic preservation laws. The State Recreation Area is within a site listed on the National Register of Historic places and the concern is for protection of any archaeological material that may be present beneath the surface. With the completion of the survey, the original park development plans were re-evaluated and extensively revised with inputs from citizens and community groups. Bids were received in May, 1977 for the fencing of the entire 75-acre tract, and a contract was awarded for \$59,127.00. By the end of the fiscal year, advertising has been scheduled for bids on the balance of the initial project work to develop the beach park. A Federal grant of approximately \$230,000 from the Bureau of Outdoor Recreation is available to help finance this park development project.

Heeia (Matson Point) State Park, Oahu —

Negotiations to acquire 13.9 acres of land at Lae O Kealahi, more popularly called Matson Point, was initiated during the year. However, State purchase offers have been rejected by the landowners, and this necessitated the initiation of condemnation proceedings for the properties. Federal funds totalling \$1,015,250 from the Bureau of Outdoor Recreation will be utilized for this project.

Ahukini Pier, Kauai — Ahukini Pier, situated near the mouth of Hanamaulu Bay on Kauai, was once a wharf used for loading sugar aboard ships that would berth alongside. In recent years, only the concrete frame structure of the pier with small portions of decking remained. Despite its dilapidated and unsafe condition, the pier was heavily used by fishermen especially during times when fish schools entered into the bay.



Seventy-four acres of beachfront land at Malaekahana Bay, Oahu were acquired for a State Park in June, 1977. Situated between the towns of Laie and Kahuku, the park will feature an outstanding white-sand beach that was not previously utilized by the public because of the lack of access routes. —Photo by R. Kanayama.

Pier renovation and parking lot improvement work was started during the fiscal year. A wood plank walkway with railings, and a wood-deck picnic area with a small shelter were constructed and two picnic tables were installed. An 11-stall parking area was also completed.

Haena State Park, Kauai — The land acquisition involving fund assistance from the Bureau of Outdoor Recreation was completed with the purchase of 18.9 acres of land at a cost of \$814,912. The total area that has been acquired for the Haena State Park, including purchases made during previous fiscal years, now stands at 225.52 acres of which 49.42 acres were acquired through condemnation, 6.02 acres through negotiated purchase and 170.07 acres through an exchange for State lands. The 55.42 acres obtained through condemnation and negotiations cost a total of \$2,503,650 of which \$1,251,825, or 50 percent, was provided by the Federal government through a grant from the Bureau of Outdoor Recreation. Several county-owned parcels within the project area remain to be acquired for inclusion in the State Park.

Occupants of Taylor Camp, an illegal tree-house community constructed on several of the acquired parcels, have vacated the premises and their dwellings have been demolished. On August 13, 1976, the Board of Land and Natural Resources rendered a decision denying the application of Taylor Camp residents for relocation benefits, and this decision was subsequently upheld by the Hawaii Housing Authority on May 12, 1977.

A master plan for development of the Haena State Park will be initiated and an extensive archaeological survey of the property is planned for fiscal year 1977-78.

Northwestern Hawaiian Island Resources Assessment

The department is engaged in a joint tri-party undertaking involving the State and Federal Departments of Commerce and Interior to assess the fauna and flora of the Northwestern Hawaiian Islands. The data gathered will be used to formulate a resource management plan that would adequately address the concomitant concerns relating to the protection of the unique fish, wildlife and other features of the area, and at the same time, allow for rational use of the fishery resources for commercial and recreational purposes. The surveys of the nearshore resources of this distant, remote and vast area are being accomplished through cooperation with the U.S. Fish and Wildlife Service and National Marine Fisheries Service (NMFS), including the use of the NOAA ship TOWNSEND CROMWELL.

The department conducted a 15-day preliminary survey of French Frigate Shoals, Laysan, Necker, and Nihoa Islands in May, 1976. This initial survey revealed a generally low diversity of fish species in the nearshore area with large-sized predators such as the uluas (*Carangidae*) and sharks (*Carcharhinidae*) abundant in certain locations. In general, fishes present were mostly in their maximum or near maximum size classes with a striking absence of their juvenile forms.

A more intensive nearshore resource survey is being planned for the period between July 4 and August 17, 1977 that would include, in addition to the aforementioned areas, Midway Islands, Pearl and Hermes Reefs, Neva Shoal, Maro Reefs and Gardner Pinnacles.

Artificial Reefs

To increase the fish carrying capacity of our inshore waters and to concentrate fish so that they are more available to our recreational fishermen, four artificial reefs have been constructed out of car bodies and damaged concrete pipes off Keawakapu on Maui, and in Maunalua Bay, off Waianae, and off Kualoa Point (North of Kaneohe Bay) on Oahu. In continuation of our artificial reef maintenance and expansion efforts, 45 sections of damaged concrete pipes obtained free of charge from local pipe manufacturers were dumped at the Maunalua Bay reef site during December, 1976. Additional pipe sections for future dumpings have been obtained and are being stockpiled at the Anuenue Fisheries Research Center yard on Sand Island.

Shoreline Surveys

Basic marine resource and user information gathering surveys were continued during the year to provide data on marine species composition and densities, description

of marine features (including underwater photography), and fishermen catch and effort. The data is used to evaluate environmental impacts, establish marine sanctuaries, determine status of the artificial reefs, and to promulgate regulations. Other State, Federal, County and private concerns were also provided available information from this source for their marine related needs.

Emphasis was placed on surveys off the Diamond Head area (between the Kapahulu Groin and Black Point) on Oahu for possible establishment of a shoreline resource management program to restore the marine resources and enhance fishing opportunities under a concept of "management by area". Forty-eight fish counting transects were conducted in the area over an eight-month span for data on seasonal variation in fish composition and densities.

Marine surveys conducted during the year in other areas included Molokini Island, Honolua and Napili Bays on Maui, and Pupukeya and the Maunalua Bay artificial reef on Oahu.

Concrete pipes dumped at selected locations that are flat, barren and generally devoid of fish life have served to attract many species of desirable quality table fish for commercial and recreational fishermen.





The survey conducted in May, 1976 revealed that predators such as these large 30-40 pound uluas were abundant throughout most of the Northwestern Hawaiian Islands.

PROGRAMS FOR PUBLIC SAFETY

FLOOD PROTECTION AND CONTROL (LNR 810)

The Department is continually developing and modifying a general flood control plan for the State of Hawaii. The Department staff also coordinates the planning and development activities of the several governmental and private organizations and individuals concerned in any way with the destructive floods and the problems connected with them.

The general flood control plan promotes two basic methods or approaches for minimizing loss of life and property damage from floods. The first involves measures to control land uses and development within potential or actual flood hazard areas. This regulatory program depends principally on the willingness of each County to establish and enforce effective zoning and building ordinances which will control or prevent costly residential, industrial, or hotel-resort development on land subject to floods or tsunami inundation. The Department has been assisting the Counties in preparing flood plain regulations.

The island of Oahu has been completely mapped for the Federal Flood Insurance Program and the County is presently preparing flood control ordinances relating to building, plumbing and electrical codes and amending the CZC relating to flood hazard districts.

The second method involves measures to control the destructive flood waters through reduction in the speed and intensity of flood water runoffs and by channelling such waters. A number of governmental agencies, volunteer service organizations, and land owners are directly involved in flood prevention activities, such as land treatment which includes restoration, improvement of ground cover on eroded land, forest plantings for conservation of water resources, contour planting of crops, construction of farm ponds and reservoirs, and other conservation improvements which will retard surface runoff. The construction of flood control dams, spillway channels and other major facilities is principally a function of federal and county agencies.

The Department maintains a complete reference file on reports of floods and flood damage in Hawaii. These files incorporate news media reports and survey reports by the Department staff and the staff of other State, Federal, and County agencies. Following each major storm and tsunami, the Department staff coordinates the data collection efforts of all agencies and compiles and publishes a post flood report on storm causes, inundation and damage.

The Department is completing plans to dredge and clean the Ala Wai Canal of debris. The project when completed will help alleviate the potential flood hazard, reduce the boating hazard and alleviate the stench from the canal.

Investigation Studies of Flood Control Projects

The following is a list of projects presently being studied by the Corps of Engineers and Soil Conservation Service to determine their economic feasibility and qualification for federal assistance.

Corps of Engineers Projects	Authority
Wailupe Stream, Oahu	P.L. 83-566, as amended
Kapaakea, Molokai	P.L. 80-858, as amended
Makaha, Oahu	P.L. 80-858, as amended
Palolo-Manoa Stream, Oahu	P.L. 81-517
Kaneohe-Kailua area, Oahu	P.L. 89-298
Iao Stream, Maui	P.O. 85-516
Kahoma Stream, Hawaii	P.L. 86-645
Kalihi Stream, Oahu	P.L. 90-483
Kihei, Maui	Res. No. 1822, Flood Control, by Committee on Public Works dated July 29, 1971
Wailua-Haleiwa, Oahu	P.L. 80-858, as amended

Soil Conservation Service Projects	Authority
Kahaluu Watershed, Oahu	P.L. 83-566, as amended
Honolua Watershed, Maui	P.L. 83-566, as amended
Wailuku-Alenaio, Hawaii	P.L. 83-566, as amended
Happy Valley, Maui	RC&D
South Kona Flood Hazard	P.L. 83-566, as amended
Sunset Coffeemill, Hawaii	RC&D
Isaac Hale Parks, Hawaii	RC&D

APPENDIX

Annual Report Narrative
THE DIVISION OF LAND MANAGEMENT
FY 1976-1977

Land Management

The Division of Land Management is charged with the prudent management of the public lands of the State including the planning and administration of their acquisition, development, disposition and control in such a manner as to contribute to the greatest extent possible to the social, environmental and economic well-being of the people of Hawaii.

Land Development Projects

Land development projects have been curtailed somewhat due primarily to fiscal constraints. However, several projects are either completed, under construction, or will be under construction during FY 1977-78.

Kurtistown School houselots were sold during fiscal year 1976-77.

Kukuihaele School houselots have been turned over to Hawaii Housing Authority.

The Kealakehe Houselot Subdivision is now ready for disposition.

The Nawiliwili Industrial Lots subdivision will be put to bid in the third quarter of FY 1977-78. The off-site water line is presently being installed.

Sand Island Parkway Increment II may be put to bid in FY 1977-78.

Land Acquisition

Land acquisition continues to be a major activity of this division as we acquire lands not only for this department but for other State and County agencies.

During FY 1976-77, the Division completed thirty-one (31) acquisitions totaling 1,543.759 acres at a cost of \$14,314,566.00.

Land Disposition

Land Management completed 178 dispositions during FY 1976-77. Fee sale of twenty-four (24) lots provided the Division with a one-time revenue of \$470,105. New annual rental for leases and permits total \$195,309.

Revenues for FY 1976-77 generated by the Division totaled \$5,578,068.

Table 1. SUMMARY OF PERSONNEL TRANSACTION - July 1, 1976 to June 30, 1977

Accessions	443
New Hire - Permanent	33
- Inter-Agency Transfer	15
New Hire - Limited Term Appointment	1
- Temporary Appt. Outside List	3
- Emergency	61
- Provisional	4
- Exempt	326
Separations	189
Resignation and Transfer	12
(Permanent Employees)	
Resignation and Termination	165
(Temporary Employees)	
Retirement	12
Other Personnel Actions	1121
(Excludes increment and pay adjustment; conversion	
from probational to permanent status.)	
Promotion	25
Voluntary demotion	0
Reallocation	25
Reclassification	0
Change in Title	4
Limited Term Promotion	2
Intra-Agency Transfer	30
Temporary Assignment	187
Extension LTA	16
Extension Exempt Appointment	47
Extension Probational Appointment	2
Extension Emergency Appointment	11
LTA to Permanent Appointment	0
LWOP (Maternity)	0
LWOP (Others)	134
Extension LWOP	4
Name Change	7
Return to Former Position	9
Unauthorized Absence	9
Suspension	5
Change in Social Security Number	0
Change to New Salary Schedule	214
Hazard Pay Differential	265
Correction	129

Table 2. FULL-TIME PERSONNEL EMPLOYED BY THE DEPARTMENT BY DIVISIONS AND ISLANDS,
AS OF JUNE 30, 1976.

Divisions	June 30, 1976	June 30, 1976					Total
		Hawaii	Oahu	Kauai	MauI	Molokai Lanai	
Administration and Staff	30	1	30	1	-	-	32
Conveyances	39	-	43	-	-	-	43
Fish and Game	86	16	61	6	7	6	96
Forestry	128	38	27	22	17	3	107
Land Management	28	4	24	3	3	-	34
State Parks, Outdoor Recreation and Historic Sites	186	55	75	33	13	2	178
Water and Land Development	51	4	49	1	-	3	57
TOTAL	548	118	309	66	40	15	547

FY July 1, 1976 to June 30, 1977

SUMMARY OF CONSERVATION DISTRICT USE APPLICATIONS

Types of Uses	Number Approved	Number Denied	Number With- drawn	Number Pend- ing
<u>Residential</u>				
New Dwellings	9	4	3	5
Additions & Improvements	3	-	-	3
Accessories & Improvements	4	-	1	1
<u>Subdivisions & Consolidations</u>	2	-	2	2
<u>Agriculture</u>				
Commercial Crops & Grazing	3	1	-	2
Harvesting Operations	-	-	-	-
Plant Nurseries	-	-	-	-
Aquaculture	3	3	1	-
Tree Planting	-	-	-	-
<u>Utilities</u>				
Electrical	3	-	-	1
Telephone	-	-	-	-
Water Development & Facilities	8	-	1	2
Sewer, Drainage & Flood Control	13	-	-	3
Radio & TV Installations	4	-	-	1
<u>Harbor, Shoreline & Submerged Lands</u> (E.g., dredging, marinas, boat basins, launching ramps, piers, wharves, sea- walls & groins)	25	1	-	11
<u>Hotel-Resort Development & Ancillary</u>	-	1	1	-
<u>Earthwork Activities</u>				
Roadway Construction	3	-	-	-
Clearing & Grading	2	-	-	2
Excavation & Quarry Operations	2	-	2	-
<u>Recreational</u>	11	5	5	5
<u>Educational</u>				
Schools	-	-	-	-
Historic & Preservation Sites	-	-	-	1
<u>Scientific</u>	2	-	-	2
<u>Nursing Homes</u>	-	-	-	-
<u>Miscellaneous</u> (E.g., seismometer & rain gauge stations, temporary structures, test borings, drainage studies)	9	4	2	-
	106	19	18	41

Table 4. FOREST AND BRUSH FIRES. FISCAL
YEAR 1976-1977
(A) Location, number, acres burned*

Location	Number	Acres Burned
Division of Forestry Protection Area		
Hawaii	12	1576
Kauai	0	0
Maui	7	425
Molokai	1	1035
Oahu	6	216
Lanai	1	110
Total	27	3362

* does not include wildland fires
controlled by county fire
department initial attack.

(B) Name, date, area and cause of individual fires
10 acres or larger

Island	Name	Date	Acres Burned	Cause
Oahu	Honouliuli	11/11-12/76	72	Smoking
Oahu	Manana	5/21-22/76	130	Unknown
Maui	Kihei	1/13-19/77	62	Unknown
Maui	Manawainui	3/12/77	12	Smoking
Maui	Waikapu	6/17-18/77	339	Debris burning
Lanai	Kaunolu	8/14-15/76	110	Smoking
Molokai	Kalamaula	10/22-23/76	1035	Debris burning
Hawaii	Kahua	9/19-22/76	1100	Unknown
Hawaii	Puuepa-Kokoiki	9/23-25/76	200	Unknown
Hawaii	Ainaloa	2/9/77	20	Unknown
Hawaii	Puako	3/20-24/77	100	Unknown
Hawaii	Kaohe	6/30-7/2/77	120	Unknown

GENERAL LEASES -- SUMMARY, ALL ISLANDS, June 30, 1977

Use	Area (Acres)	Annual Rental	No. Leases
Agriculture	12,825.378	\$ 316,306.23	186
Business	437.778	541,411.69	74
Cane*	53,240.731	683,267.86	41
County	123.754	5.00	20
Eleemosynary	591.077	21,840.54	34
Federal	30,756.842	733.00	26
Fishpond	50.867	629.40	1
Industrial	362.724	439,731.62	87
Pasture	190,361.666	707,191.38	128
Pineapple	9,745.56	43,871.52	3
Recreation	222.627	606.00	5
Residential	165.761	38,910.35	146
Rights of Way	256.258	19,447.30	107
State Agencies	13,388.751	---	3
Waste	---	---	---
Water Licenses, etc.	29,755.936	218,262.00	10
TOTALS	333,514.706	\$3,032,213.89	871

* All contributory lands included in cane. Some pasture, rights of way & waste included in the primary lease under cane.

FIRST LAND DISTRICT

Island of Hawaii

GENERAL LEASES -- SUMMARY, FIRST LAND DISTRICT, June 30, 1977

Use	Area (Acres)	Annual Rental	No. Leases
Agriculture	3,550.493	\$ 136,160.05	75
Business	116.505	186,215.96	35
Cane*	18,541.560	126,881.78	29
County	53.883	3.00	12
Eleemosynary	252.727	3,877.54	8
Federal	23,034.891	4.00	6
Fishpond	50.867	629.40	1
Industrial	125.794	163,136.62	59
Pasture	173,338.515	633,336.74	55
Pineapple	---	---	---
Recreation	202.128	1.00	1
Residential	14.086	6,066.50	19
Rights of Way	43.141	9,122.60	33
State Agencies	13,321.054	---	1
Waste	---	---	---
Water Licenses, etc.	5,845.150	8,720.00	2
TOTALS	238,490.794	\$1,274,155.19	336

* All contributory lands included in cane. Some pasture, rights of way & waste included in the primary lease under cane.

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

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GENERAL LEASES

HAWAII

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
2480	Finance Investment Co., Ltd. & Inter-Island Resorts, Ltd.	8/25/36-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 13	.720	U - Business	\$ 4,234.00
2481	Finance Investment Co., Ltd. & Inter-Island Resorts, Ltd.	8/25/36-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 17	.750	U - Business	4,764.00
2610	Finance Investment Co., Ltd. & Inter-Island Resorts, Ltd.	6/01/39-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 16	2.950	U - Business	26,370.00
2899	James & Miulan Y. Kealoha	12/29/41-3/14/2015	Waiakea Warehouse Lots, Waiakea, S. Hilo	2-1-06: 13 & 15	2.160	U - Business	9,578.00
2908	Matsuno F. Nakagawa (Mrs.)	11/01/42-3/31/82	Waiakea, S. Hilo	2-1-15: 01	50.867	C - Fishpond	629.40
L-2964	Edward C. Hustace	3/15/41-(revocable)	Honuaula Mauka Tract No. 3, Kealakehe Mauka Tract, Kaloa-Ooma Mauka Tract, Makaula-Haleohiu Tract, N. Kona	7-3-01: 02		A - Right of way	12.00
3029	James G. Y. Ho & Florence J. Ho	9/13/45-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 22	1.190	U - Business	8,112.00
3155	Edna M. Estes	3/15/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 21	.163	U - Residential	155.00
3156	Harvey C. Chong & Phyllis R. Chong as Trustees of the Revocable Living Trust Agreement	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 22	.165	U - Residential	186.00
3157	Robert C. & Margaret McKeen	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 23	.167	U - Residential	366.00
3158	Yoshihiro Inouye	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 24	.169	U - Residential	306.00
3160	Mary Ann Baker Walton & Adam Charles Baker, Jr.	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 26	.173	U - Residential	159.00
3161	Mary Ann Baker Walton & Adam Charles Baker, Jr.	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 27	.175	U - Residential	299.00
3162	Clarence Tatsuka & Kitome Ohama	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 28	.178	U - Residential	163.00
3163	Kaiva & Josephine Martinson Tuiasosopo	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 29	.180	U - Residential	165.00
3164	Electrical Workers Local 1260 Building Trust	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 30	.182	U - Residential	167.00
3165	Lily B. L. Y. Wong (Mrs.)	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 31	.184	U - Residential	169.00
3166	John W. & Adele M. Jensen	3/15/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 32	.186	U - Residential	170.00
3167	William J. & Anna Mehau Payne	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 33	.188	U - Residential	172.50
3168	Gaspro, Ltd.	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 34	.190	U - Residential	185.00
3169	Ernest M. & Adelaide Cabrinha	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 35	.190	U - Residential	174.00
3170	Ernest M. & Adelaide Cabrinha	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07: 36	.185	U - Residential	180.00
3202	Frank Ferreira	5/01/47-11/01/2017	Lehia Park Res. Lots, S. Hilo	2-2-17: 65	.425	U - Residential	50.00
3265	Hilo Bay Hotel, Inc.	6/01/49-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 33	.586	U - Business	2,981.00

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

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GENERAL LEASES

HAWAII

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
3266	Hilo Bay Hotel, Inc.	8/10/49-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 34	.531	U - Business	\$ 2,716.00
3267	Hilo Bay Hotel, Inc.	6/01/49-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 35	.495	U - Business	3,252.00
3268	Finance Investment Co., Ltd. & Inter-Island Resorts, Ltd.	6/01/49-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 32	.749	U - Business	4,894.00
3269	M & Associates, Inc.	6/01/49-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 20	.920	U - Business	9,180.00
3354	Honokaa Sugar Co.	1/01/52-12/31/2008	Gov't Remainders of Papaki, Koloaha Au 1st, Hamakua	4-6-05: 08	554.580	A - Cane	904.58
3472	Honokaa Sugar Co.	4/09/54-12/31/2008	Keaa-Mauka Tract, Hamakua	4-8-02-06 4-8-03-09	25.780 27.920 53.700	A - Pasture Cane	110.00 279.20 389.20
3566	Ka'u Sugar Co., Inc. & C. Brewer & Co., Ltd.	10/25/56-10/24/77	Por. Section "A", Kaalaala-Makakupu	9-6-11: 02, 03, 04, 05 & 12	68.030 .480 1,353.690 1,422.200	A - Cane Waste Pasture	680.30 300.00 980.30
3567	E. L. Wung Ranch, Ltd.	10/25/56-10/24/77	Olaa Reservation Lots, Puna	1-8-11: 12	100.000	A - Pasture	100.00
3569	Oda Orchids, Inc.	10/25/56-10/24/77	Waiakea House-lots, S. Hilo	2-2-37: 41 & 46	2.899	U - Agriculture	100.00
3573	Pacific Broadcasting Co., Inc.	11/08/58-11/07/79	Humuula, N. Hilo	3-8-01: 11	2.038	U - Business	100.00
S-3574	James W. Glover, Ltd.	8/11/59-8/10/80	Waiakea, S. Hilo	2-1-12: 04, 06, 10 & 18, Por. 05 & 07	74.314	U - Industrial	2,594.62
L-3576	Union Oil Co. of California	9/10/58-9/09/79	Waiakea, S. Hilo	2-1-07: Por. 15 & 19	.125	U - Right of way	120.00
S-3583	Robert M. Yamada	11/05/59-11/04/2004	Lots 4, 6, 7 & 8 Blk. 39, Lots 5 & 7, Blk. 40, Waiakea Lots, S. Hilo	2-2-37: 57, 58, 59, 92 & 93	2.566	U - Business	900.00
S-3584	Pepeekeo Sugar Co.	2/01/60-12/31/89	Kamaee-Wailua & Puuoha, N. Hilo	3-1-04: 01 & 02	330.120 19.360 199.270 548.750	A - Cane Right of way Waste	2,971.08 19.36 19.93 3,010.37
S-3585	Pepeekeo Sugar Co.	2/01/60-12/31/89	Honomu-Hukua, Kaa-kepa & Kaupakuea, S. Hilo	2-8-11: 01, 03, 09 & 11	768.688 26.406 21.340 91.500 907.934	A - Cane Right of way Pasture Waste	6,918.20 26.41 21.34 9.15 6,975.10
S-3586	Mauna Kea Sugar Co., Inc.	2/01/60-12/31/89	Kawainui, S. Hilo	2-7-07: 05	155.258 2.391 33.351 191.000	A - Cane Right of way Waste	1,397.32 2.39 3.34 1,403.05
S-3587	Honokaa Sugar Co., Ltd.	2/01/60-12/31/89	Kaunamano, Hamakua	4-4-01: 01	21.000 11.100 32.100	A - Cane Waste	210.00
S-3589	F. Newell Bohnett	8/15/60-8/14/2000	Puuwaawaa, N. Kona	7-1-01-01 7-1-02-01 7-1-03-01 7-1-04-01	105,796.580	A - Pasture	30,000.00
S-3590	Texaco, Inc.	3/01/60-2/28/85	Waiakea, S. Hilo	2-1-09: 42	2.660	U - Industrial	17,607.00
S-3591	Vetpro Inc., dba Veterans' Produce Exchange	1/16/61-1/15/2016	Kanoelehua Industrial Lots, S. Hilo	2-2-49: 17	.354	U - Industrial	560.00
S-3592	Elaine K. Kono	1/16/61-1/15/2016	Waiakea Business & Industrial Lots, S. Hilo	2-2-32: 78	.778	U - Industrial	1,220.00
S-3593	Automotive Supply Center, Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49: 12	.367	U - Industrial	576.00
S-3594	James Broto Toledo dba Broto's Body & Fender Shop	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 83	.224	U - Industrial	400.00

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

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GENERAL LEASES

HAWAII

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
(C) - Conservation
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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3595	Harry Hiroo Nishimura dba Harry's Refrigeration Service	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-50: 86	.258	U - Industrial	\$ 440.00
S-3596	Body & Fender Repair, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 11	.381	U - Industrial	605.00
S-3597	Alberta Aiona	1/16/61-1/15/2016	Kamehameha Ave. Bus. Lots, Waia-kea, S. Hilo	2-2-32: 64	.339	U - Business	1,110.00
S-3598	Honolulu Roofing Co., Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-50: 85	.258	U - Industrial	440.00
S-3599	H. H. Jelly, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-50: 90	.775	U - Industrial	1,015.00
S-3600	Durant Realty Co., Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-50: 97	.344	U - Industrial	585.00
S-3601	Allan D. Starr	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 07	.775	U - Industrial	828.00
S-3602	Hawaii Pest Control, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 14	.364	U - Industrial	570.00
S-3603	Harders Co., Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 16	.293	U - Industrial	460.00
S-3604	Walter Kiyoshi Hamai dba W. K. Hamai Repair Shop	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 02	.258	U - Industrial	440.00
S-3606	Hilo Kala, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-50: 96	.344	U - Industrial	575.00
S-3609	Hawaii Transportation Co., Ltd.	1/16/61-1/15/2016	Waiakea Bus. & Industrial Lots, S. Hilo	2-2-32: 71	2.363	U - Industrial	3,085.00
S-3611	William Mackenzie, Trustee et al.	1/16/61-1/15/2016	Waiakea Bus. & Industrial Lots, S. Hilo	2-2-32: 21	2.334	U - Industrial	3,660.00
S-3612	Hamakua Mill Co.	2/01/61-12/31/2008	Hoea-Kaao, Makai Tract, Hamakua	4-2-01, 05, 06, 13 4-2-07-02	747.320 35.360 119.570 175.880 1,078.130	A - Cane Right of way Pasture Waste	6,725.88 35.36 298.93 17.59 7,077.76
S-3613	Laupahoehoe Sugar Co.	2/01/61-12/31/2008	Humuula & Kahoa-huna, N. Hilo	3-9-01: 01, 13, 18 3-9-02: 01, 07	818.593 25.090 332.390 1,176.073	A - Cane Right of way Waste	7,367.33 25.09 33.24 7,425.66
S-3614	Laupahoehoe Sugar Co.	2/01/61-12/31/2008	Niupea-Kealakaha	4-1-02: 01, 04, 05, 06 4-1-03: 19, 26 4-1-04: 01, 31, 33	493.076 10.930 156.822 660.828	A - Cane Right of way Waste	4,437.68 10.93 15.68 4,464.29
S-3615	Laupahoehoe Sugar Co.	2/01/61-12/31/2008	Ookala-Manowalalee, N. Hilo & Hamakua	3-9-01: 02, 07 3-9-02: 08 4-1-01-06 4-1-05-01	1,081.560 20.852 266.031 1,368.443	A - Cane Right of way Waste	9,734.04 20.85 26.60 9,781.49
S-3616	Laupahoehoe Sugar Co.	2/01/61-12/31/2008	Kaiaakea Makai Remainder, N. Hilo	3-4-03: 11, 12, 13, 14, 16, 38, 39	64.380 15.703 80.083	A - Cane Waste	579.42 1.57 580.99
S-3617	Honokaa Sugar Co.	2/01/61-12/31/2008	Kaao-Paalaea Tract, Hamakua	4-5-01: 07, 08 13, 16	335.100 5.800 93.843 434.743	A - Cane Right of way Waste	3,015.90 5.80 9.38 3,031.08
S-3618	Body & Fender Repair, Inc.	2/06/61-2/05/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 09	.775	U - Industrial	1,015.00
S-3619	Mauna Kea Electric, Inc.	2/06/61-2/05/2016	Kanoelehua Industrial Lots, Waia-kea, S. Hilo	2-2-49: 39	.320	U - Industrial	510.00

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S-3620	Shoichi Muramoto dba Mura's Repair Shop A/S Chikara & Bertha Y. Nakano	2/06/61-2/05/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49: 04	.604	U - Industrial	\$ 1,165.00
S-3621	Seair Corporation	2/24/61-2/23/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49: 06	.895	U - Industrial	1,170.00
S-3622	Satoru Amano dba Amano Fish Cake Factory	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 95	.320	U - Industrial	545.00
S-3624	Castle & Cooke Inc.	3/06/61-3/05/2016	Por. Waiakea, S. Hilo	2-1-12: 26	4.499	U - Industrial	5,880.00
S-3631	A & A Hawaii, Inc.	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 79	.241	U - Industrial	410.00
S-3653	Heiji Muneno dba Cabby's Union Service	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 81	.256	U - Industrial	540.00
S-3654	Kohala Sugar Co.	11/08/61-11/07/91	Por. bottom of Pololu Valley, N. Kohala	5-1-01: 06	141.000	A - Cane	325.00
S-3656	Richard Smart	8/11/61-8/10/81	Por. Puukole-Koaeae Mauka Tract, N. Kohala	5-7-01: 09, 15	168.590	A - Pasture	2,550.00
S-3657	Richard Smart	8/11/61-8/10/81	Pohakuloa Mauka Tract, Pohakuloa & Kalaha 1st, N. Kohala	5-8-02: 03	191.350	A - Pasture	750.00
S-3658	Richard Smart	8/11/61-8/10/81	Por. Kapaa Makai Lots, N. Kohala	5-6-01: 35	53.553	A - Pasture	83.68
S-3660	K. Sakai Painting Contractor, Inc.	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 77	.459	U - Industrial	468.00
S-3662	Mauna Kea Sugar Co., Inc.	8/16/61-8/15/91	Piihonua, S. Hilo	2-3-28: 11 2-3-29: 12 2-3-31: 01 2-3-32: 01, 04 2-5-09: 05, 27	1,198.990 159.620 14.330 602.931 1,975.871	A - Cane Contributory Pasture Waste	10,581.66 182.87 35.83 17.65 10,818.01
S-3669	Seven Seas, Inc.	3/20/61-3/19/2016	Hoolulu Bus. Lots, Waiakea, S. Hilo	2-2-33: 18	.689	U - Business	1,110.00
S-3670	Machida, Inc.	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 98	.344	U - Industrial	585.00
(D)S-3696	Hawaiian Telephone Co.	1/26/62-1/25/83	Puumaille Home Site, Waiuli, Waiakea, S. Hilo	2-1-13: 08	1.069	U - Right of way	30.00
(D)S-3697	Hawaiian Telephone Co.	1/26/62-1/25/83	Humuula, N. Hilo	3-8-01: 12	2.868	A - Right of way	20.00
S-3698	Bank of Hawaii	1/26/62-1/25/2017	Waiakea, S. Hilo	2-2-49: 22	.687	U - Business	2,064.00
S-3716	Masaru Shindo dba Hilo Soda Works	10/29/62-10/28/2017	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 15	.556	U - Business	851.40
S-3718	Hilo Auto Electric & Carburetor Service	6/28/63-6/27/2018	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 80	.258	U - Business	587.00
S-3719	Hawaii Planters, Inc.	1/28/63-1/27/83	Hulunani, Kaula, Puna	1-2-02: 06 & 07	648.620	A - Pasture	150.00
S-3720	Carl Meyer	1/28/73-1/27/83	Lots 374, 381 & Por. Lots 373, 379, 380 & 382, Olaa Res. Lots,	1-8-10: 38, 43, 44, 46	227.730	A - Pasture	581.00
S-3722	Hawaii Baptist Convention	11/30/62-11/29/2017	Waiakea Cane Lots, S. Hilo	2-4-01: 112	1.000	A - Eleemosynary	780.00
S-3723	S. K. Oda, Ltd.	11/30/62-11/29/2017	Por. Waiakea, S. Hilo	2-2-32: 11	1.934	U - Industrial	2,781.00
S-3729	Hubert S. Andrews dba Andrews Trucking Service	8/23/63-8/22/2018	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 78	.241	U - Industrial	572.00

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(D)S-3731	County of Hawaii, Bd. of Water Supply	7/01/64-6/30/2029	Mountain View Water System, Land Site #1, Puna	1-8-08: 21	.181	C - County	\$ Gratis
(D)S-3732	County of Hawaii, Civil Defense & Disaster Relief Agency	3/29/63-3/28/2013	Kaumana (Kauamana Cave), Hilo	2-5-06: 03 & 04		A - County	Gratis
(D)S-3738	County of Hawaii, Civil Defense & Disaster Relief Agency	3/29/63-3/28/2013	Pahoa (Pahoa Cave), Puna	1-5-08: 01 1-5-09: 09 1-5-10: 03	.041	A - County	Gratis
(D)S-3739	County of Hawaii, Civil Defense & Disaster Relief Agency	3/29/63-3/28/2013	Malana (Mackenzie Cave), Puna	1-3-07: 06		C - County	Gratis
S-3742	Edward R., James R., Yasuo & Yoshinobu Kuwaye dba Edward R. Kuwaye & Co.	11/12/63-11/11/2018	Waiakea Industrial Lots, Waiakea, S. Hilo	2-2-58: 14	2.165	U - Industrial	4,452.00
(D)S-3744	County of Hawaii, Civil Defense & Disaster Relief Agency	4/26/63-4/25/2013	Puuanahulu Cave, N. Kona	7-1-03: Por. 01		C - County	Gratis
(D)S-3745	County of Hawaii, Civil Defense & Disaster Relief Agency	4/26/63-4/25/2013	Pigeon Cave, Puuanahulu, N. Kona	7-1-04: Por. 01		C - County	Gratis
S-3750	Jiro Tanaka dba Tanaka Electrical Service	4/26/63-4/25/2018	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50: 76	.274	U - Business	622.00
(D)S-3751	County of Hawaii, Hilo Hospital Complex & Allied Facilities	6/07/63-6/06/2028	Piihonua, S. Hilo	2-3-27: 02	20.401	U - County	1.00 Full Term
(D)S-3752	U. S. of America (Navy)	12/16/63-12/15/2028	Kamoa, Kau	9-3-01: 03, 07, 10	21.296	A - Federal	1.00 Full Term
(D)S-3834	County of Hawaii, Bd. of Water Supply	4/24/64-4/23/2029	Under & across Por. Hamakua Water Res., Ahualoa-Kaapahu-Pohakea Water System, Hamakua	4-5-11: 01	.643	C - County	1.00 Full Term
S-3836	Oda Orchids, Inc.	6/16/64-6/15/2019	Waiakea, S. Hilo	2-2-48: 01	7.855	U - Business	565.56
S-3837	Hongo Nursery, Inc.	6/16/64-6/15/2019	Waiakea Hmstds., S. Hilo	2-2-44: 04	10.000	U - Business	438.00
(D)S-3844	University of Hawaii	7/24/64-7/23/2029	Hamakua experiment farm, Kahe	4-3-10: 07	185.000	A - Agriculture	Gratis
(D)S-3849	U. S. of America (Army)	8/17/64-8/16/2029	Pohakuloa Training Area	3-8-01: 13	22,971.000	C - Federal	1.00 Full Term
(D)S-3853	U. S. of America (Army)	8/21/64-8/20/2029	Pohakuloa water license easements	4-4-16: Por. 01	5.510	C - Federal	1.00 Full Term
(D)S-3855	County of Hawaii	10/11/63-10/10/2028	Kukuau 2nd & Waiakea, S. Hilo	2-2-06 2-2-11 2-2-12 2-2-31 2-2-32	1.912	U - County	Gratis
(D)S-3865	County of Hawaii, Bd. of Water Supply	8/28/64-8/27/2029	Utility easements at Panaewa, S. Hilo	2-2-48: Por. 05	.182	U - County	1.00 Full Term
S-3867	Manuel Souza	10/28/64-10/27/84	Paaui-Pahakea Reserve Lots	4-3-15: 01	4.540	A - Pasture	45.00
S-3868	Kahua Ranch, Ltd.	10/28/64-10/27/84	Makiloa Gov't Tract, N. Kohala	5-9-02: 06	138.000	A - Pasture	605.00
S-3870	James Ontai, Jr.	10/28/64-10/27/94	Papa Hmstds., S. Kona	8-8-04: 04, 06 & 07	21.180	A - Agriculture	180.00
S-3875	Feed-Well, Inc.	8/12/66-8/11/2021	Kahema Street, Hilo	2-2-50: 93	.689	U - Industrial	1,800.00

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S-3886	Palekoki Ranch, Inc.	1/20/65-1/19/85	Por. Lalamilo, Ouli & Waiaka I, Waimea, S. Kohala	6-6-01: 02, 55	9,154.000	A - Pasture	\$ 3,900.00
(D)S-3887	Hilo Electric Light Co., Ltd.	1/20/65-1/19/95	Por. H.H.L., Humuula, N. Hilo	3-8-01: 07	6.583	C - Right of way	180.00
(D)S-3888	Hawaiian Telephone Co.	1/20/65-1/19/2030	Waiakea Hseltis., S. Hilo	2-2-37: 63	.895	U - Industrial	2,130.00
S-3908	Orchid Island Hotels, Inc.	4/12/65-4/11/2030	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 28	2.319	U - Business	15,000.00
(D)S-3916	County of Hawaii, Bd. of Water Supply	10/30/64-10/29/2029	Panaewa, Waiakea, S. Hilo	2-2-48: 84	.204	U - County	Gratis
(D)S-3925	Hilo Electric Light Co., Ltd.	8/27/65-8/26/2030	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-58: 20, 21 & 22	3.718	U - Right of way	7,566.00
(D)S-3927	Hilo Electric Light Co., Ltd.	9/24/65-9/23/95	Por. Kaohe, Hamakua	4-4-16: 10	.881	U - Business	120.00
S-3930	William Thompson	10/18/65-10/17/85	Por. Kaohe, Hamakua	8-2-07: 02 8-2-08: 19	12.911	A - Pasture	75.00
S-3931	Rudy Hirota	10/18/65-10/17/85	Waiakea Hmstds., S. Hilo	2-4-06: 13	65.550	A - Pasture	195.00
S-3932	Honokaa Sugar Co.	10/18/65-10/17/85	Por. Kalopa Hmstds., Hamakua	4-4-03: 25	.730	A - Agriculture	25.00
S-3933	Roman Catholic Bishop of Honolulu	10/18/65-10/17/2030	Puako Beach Lots, Lalamilo, Waimea, S. Kohala	6-9-05: 19	.643	U - Eleemosynary	334.00
S-3934	Hubert M. Spivey	10/18/65-10/17/85	Por. Waiakea pasture lands	2-4-04: 12 & 13 & Por. 21 & 22	118.924	A - Pasture	360.00
S-3935	Roy S. & Martha S. Nagakura	10/18/65-10/17/2020	Waiakea Hseltis., S. Hilo	2-2-37: 66	.304	U - Business	420.00
S-3938	Frank & Virginia DeLuz, Jr.	11/08/65-11/07/85	Por. Kapualei Remainder, Hamakua	4-3-06: 05 4-3-14: 01	33.620	A - Pasture	685.00
S-3948	Laupahoehoe Sugar Co.	12/20/65-12/31/2008	Por. Hauola, Hamakua	4-3-03: 02, 03, 04, 05, 06, & 07	155.290 4.730 160.020	A - Cane Waste	2,330.00
S-3949	Hawaiian Greenhouse, Inc.	12/20/65-12/19/2000	Keonepoko Hmstds., Pahoa	1-5-07: 17	19.401	A - Agriculture	639.10
S-3950	Kulana Foods, Ltd.	12/20/65-12/19/2000	Waiakea Hmstds., S. Hilo	2-4-03: 10 & 11	41.200	A - Pasture	180.00
S-3954	Tokio Miyashiro	11/24/65-11/23/2020	Panaewa Farm Lots, S. Hilo	2-4-49: 30	10.097	A - Agriculture	485.00
S-3961	Melsan, Ltd.	4/15/66-4/14/2030	Por. Waiakea Peninsula, S. Hilo	2-1-03: 05	5.000	U - Business	32,670.00
S-3962	Eaton Magoon, Jr.	4/15/66-4/14/96	Haukalua Hmstds., 2nd, S. Kona	8-7-05: 03 & 05	14.190	A - Agriculture	165.00
(D)S-3966	Transportation Department, U. S. Coast Guard	4/15/66-4/14/2031	Hoopulooa, S. Kona	8-9-04: 21	1.427	C - Federal	Gratis
S-3999	Divaco Cooperative	8/16/66-8/15/2021	Hilo Industrial Dev., Pohaku St. Section, Waiakea, S. Hilo	2-2-58: 29 & 30	.918	U - Industrial	2,184.00
S-4000	Kohala Sugar Co.	8/19/66-8/18/2031	Puuepa 2 & Kokoiki, N. Kohala	5-5-05: 01	.192	A - Right of way	10.00
S-4001	Jack Brysson Greenwell, Henry Alan Greenwell & Norman Leonard Greenwell	8/16/66-8/15/91	Onouli 2nd Gov't. Tract, S. Kona	8-1-05: 01	423.000	A - Pasture	625.00
S-4002	Laupahoehoe Sugar Co.	8/16/66-12/31/2008	Parcel A, Pohaku-haku-Kamau Gov't. Rem.; Parcels B, C, D, E & F, Opihilala-Kapualei Gov't. Rem.; Gov't	4-3-04: 04 4-3-05: 01 4-3-06: 01, 04, 08, 10, & 12 4-3-07: 02 4-3-08: 02	220.892	A - Cane	3,080.00

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			Remainder Keamu II Nakai Tract; Kaohe I; Lot 21-A, Pohakea Hmstds., Makai Section, Opihilala & Paauilo, Hamakua	4-3-11: 04			\$
S-4004	Christ Lutheran Church	8/16/66-8/15/2031	Por. Waiakea, S. Hilo	2-4-01: 120	3.101	U - Eleemosynary	1,214.00
S-4005	John J. & Josephine Andrade	8/16/66-8/15/91	Ahualoa Reserve Remnants, Ahualoa Hmstds.	4-5-11: 06	13.496	A - Pasture	91.00
S-4006	Merrill & Mary Jane Toledo	8/16/66-8/15/86	Por. Waipio Valley, Hamakua	4-9-11: 02	11.600	A - Agriculture	200.00
S-4018	First United Protestant Church of Hilo	10/06/66-10/05/2031	Piihonua, S. Hilo	2-3-27: 16	3.572	U - Eleemosynary	1,396.00
S-4019	Seven Seas, Inc.	10/06/66-3/19/2016	Hoolulu Bus. Lots, Waiakea, S. Hilo	2-2-33: 16	1.183	U - Business	2,602.00
S-4024	George Freitas Dairy, Inc.	11/29/66-11/18/91	Puuepa 2-Kokoiki Tract, N. Kohala	5-5-05: 01	74.340	A - Pasture	1,200.00
S-4025	Palani Ranch Co., Inc.	11/29/66-11/28/91	Honuaula, N. Kona	7-4-01: 03	1,608.500	A - Pasture	2,800.00
S-4026	Huanani Enterprise Corporation	11/29/66-11/28/2001	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49: 01	10.579	A - Agriculture	510.00
(D)S-4029	County of Hawaii	4/13/67-4/12/2032	Kealakehe, N. Kona	7-4-08: 17 Por.	30.319	C - County	Gratis
S-4097	Shell Oil Co.	3/31/67-3/30/2032	Por. Waiakea, S. Hilo	2-1-09: 07 & 31	.130	U - Right of way	267.00
S-4098	Yoshito Iwamoto	3/31/67-3/30/2032	Por. Waiohinu Gov't Remnants, Kau	9-5-02: 40	.437	U - Right of way	10.00
S-4099	Richard Smart	3/31/67-3/30/2032	Across Por. Kamuela Airport	6-7-01: 25 Por.	.006	U - Right of way	1.00
(D)S-4102	Kilauea Council, Boy Scouts of America	4/15/66-4/14/2021	Honokaia, Hamakua	4-6-11: 40	238.000	C - Eleemosynary	150.00
S-4105	James H. & Mabel M. Davis	9/06/67-9/05/2032	Puukapu, Waimea	6-4-01: 60	.005	A - Right of way	5.00
S-4107	Honokaa Sugar Co.	9/06/67-12/31/2008	Lauka-Kulihai, Hamakua	4-6-01: 07, 08, & 18	78.460 35.810 3.710 <u>117.980</u>	A - Cane Waste Right of way	1,020.00
S-4108	Honokaa Sugar Co.	9/06/67-12/31/2008	Hanapai, Hamakua	4-7-04: 09, 11	34.700 8.850 <u>43.550</u>	A - Cane Waste	451.10
S-4109	Honokaa Sugar Co.	9/06/67-12/31/2008	Hamakua	4-6-02: 01, 02, & 07	143.140 14.130 3.600 <u>160.870</u>	A - Cane Waste Right of way	1,861.00
(D)S-4130	Hawaiian Telephone Co.	1/01/68-12/31/2033	N. Hilo	3-9-02: 12	1.047	U - Industrial	36.00
S-4137	Frank L. Moniz, III	1/12/68-1/11/88	Kaauhuhu, N. Kohala	5-5-01: 15	5.640	A - Agriculture	100.00
S-4138	Hale Nui Flowers, Inc.	1/12/68-1/11/2033	Waiakea, S. Hilo	2-4-49: 25	10.008	A - Agriculture	552.00
(D)S-4139	Honolulu Gas Co., Ltd.	4/14/67-4/13/97	Hilo	2-2-27: 02	.230	U - Industrial	510.00
S-4141	Mauna Loa Land, Inc.	2/23/68-2/22/93	S. Kohala	6-9-01: 15	775.083	A - Agriculture	10,000.00
(D)S-4191	University of Hawaii	1/01/68-12/31/2033	Kaohe, Hamakua	4-4-15: 09	13,321.054	C - State	Gratis
(D)S-4196	University of Hawaii	4/26/68-4/25/2033	S. Kohala	6-4-03: 16, 97	196.414	A - Agriculture	1.00 Full Term
S-4201	Norona, Inc.	9/26/68-9/25/2023	Waiakea, S. Hilo	2-2-58: 33	.474	U - Industrial	1,600.00
S-4202	Hiroshi Matsuyama	9/26/68-9/25/93	Keopu No. 2, N. Kona	7-5-01: 22	17.490	A - Pasture	60.00

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D - Direct award
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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4203	Richard Smart	1/01/68-12/31/2033	S. Kohala	6-3-01: Por. 02, 04, 06	.150	C - Water	\$ 720.00
S-4205	Shinobu Oshima	9/26/68-9/25/2023	Waiakea, S. Hilo	2-4-49: 31	60.000	A - Agriculture	3,312.00
S-4206	Sun Sun Lau, Ltd.	9/26/68-9/25/2033	Waiakea, S. Hilo	2-2-20: 16 Por.	.059	U - Right of way	24.00
S-4207	Hugo & Shirley Von Platen Luder	9/26/68-9/28/2021	N. Kona	7-5-09: 64	.013	U - Right of way	16.36
S-4224	Richard Smart	2/07/69-2/06/94	N. Kohala	5-8-02: 06	23.800	A - Pasture	96.00
S-4225	Mitsuo & Yaeko Kitagawa	2/07/69-2/06/2024	Waiakea, S. Hilo	2-4-49: 11	10.021	A - Agriculture	576.00
S-4226	Joseph Chang, Sr.	2/07/69-2/06/89	Kokoiki, N. Kohala	5-5-04: 51 & 52	4.934	A - Agriculture	45.00
S-4227	Island Holidays, Ltd.	2/07/69-2/06/2034	Kahaluu, N. Kona	7-8-13: 42	.128	U - Right of way	128.25
(D)S-4234	University of Hawaii	12/15/67-12/14/2032	Olaa, Puna	2-4-08: 21	.014	C - Right of way	Gratis
(D)S-4235	University of Hawaii	4/11/69-4/10/2034	Humuula, N. Hilo	3-8-01: 14	.057	C - Right of way	Gratis
S-4237	C. Brewer & Co., Ltd.	4/15/69-4/14/84	Kaaluau, Kiola-kaa, Kau	9-4-01: 15 & 16	9.579	A - Agriculture	11,100.00
S-4238	Yeishun & Akiko Gusukuma	6/12/69-6/11/89	Piha, N. Hilo	3-2-02: 29	2.190	A - Agriculture	180.00
S-4239	Palani Ranch Co., Inc.	4/15/69-4/14/94	Kealakehe, N. Kona	7-4-02: 07	1,232.000	A - Pasture	2,500.00
S-4246	Sim Wenner	8/09/69-8/08/94	Moeauoa I Gov't Remainder, N. Kona	7-5-01: 19	6.890	A - Pasture	55.00
S-4247	Kahua Ranch, Ltd.	7/11/69-7/10/94	Pahinahina-Kiio-kalani Tract, Section 1, N. Kohala	5-9-01: Por. 04 5-9-03: Por. 01 & 02 5-9-04: 08 & Por. 01, 07 & 11	5,865.000	A - Pasture	3,930.00
S-4248	Margaret Cobey Black	7/11/69-7/10/99	Kokoiki, N. Kohala	5-5-05: 19	.652	A - Right of way	60.00
S-4249	Bank of Hawaii	7/11/69-7/10/2034	Honuaula, N. Kona	7-5-07: Por. 58	.047	U - Right of way	11.11
S-4251	Woodrow Miller	9/12/69-9/11/94	Puuanahulu Hmstds., N. Kona	7-1-05: 05	8.199	A - Agriculture	620.00
S-4252	Hilo Bay Hotel, Inc.	8/14/69-3/14/2015	Banyan Dr., Waia-kea Peninsula, S. Hilo	2-1-05: 45	.215	U - Business	590.00
S-4253	Inter-Island Resorts, Ltd. & Finance Investment Co., Ltd.	8/14/69-3/14/2015	Banyan Dr., Waia-kea Peninsula, S. Hilo	2-1-05: 46	1.054	U - Business	3,300.00
S-4260	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	9/29/69-9/28/2004	Hionaa & Kaalaiki, Kau	9-7-01: 20	1,791.489	A - Cane	7,150.00
S-4261	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	9/29/69-9/28/2004	Kapapala & Kaalaala, Kau	9-7-01: 01	539.562	A - Cane	2,150.00
S-4262	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	9/29/69-9/28/94	Waiohinu, Kau	9-5-05: 03	378.870	A - Cane	4,972.00
S-4263	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	9/29/69-9/28/94	Kapapala, Kau	9-8-01: 06	291.130	A - Cane	4,743.00
S-4264	Haruyuki & Hatsue Tao	9/29/69-9/28/2024	Camp Site 8-A, Waiakea, S. Hilo	2-4-07: 27	.096	U - Right of way	2.67
S-4279	Koichi & Ryoko Soga	1/20/70-1/19/95	Por. Nanawale For. Res., Kaniahiku, Puna	1-4-34: 26	3.008	A - Agriculture	160.00

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S-4280	Kinji & Tsuneyo Uyeda	1/20/70-1/19/95	Por. Nanawale For. Res., Kanihiku, Puna	1-4-34: 27	2.172	A - Agriculture	\$ 100.00
S-4281	Richard Smart	1/20/70-1/19/95	Puukole-Paoo Tract, N. Kohala	5-7-01: 04	2,464.290	A - Pasture	4,500.00
S-4282	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	1/20/70-1/19/95	Hionaa-Kaalaiki Tract, Kau	9-5-15: 03	1,669.000 80.000 448.290 2,197.290	A - Cane Contributory Waste	27,104.00
S-4283	Kapalama Commercial Center	1/20/70-1/19/2010	Hilo Ind. Dev., Pohaku St., Section 1, Waia-kea, S. Hilo	2-2-58: 25	.439	U - Industrial	1,600.00
S-4284	Kapalama Commercial Center	1/20/70-1/19/2025	Hilo Ind. Dev., Leilani St., Waia-kea, S. Hilo	2-2-37: 81	.826	U - Industrial	4,860.00
S-4285	Honokaa Sugar Co.,	1/20/70-12/31/2008	Parcel A & B, Honokaia Makai Tract, Hamakua	4-6-03: 01, 02, 20 4-6-04: 01, 03	477.100 23.430 165.919 666.449	A - Cane Right of way Waste	9,050.00
S-4286	Koshi Miyasaki	1/20/70-1/19/85	Keanakolu Orchard-Arboretum, Humuula, N. Hilo	3-7-01: 09	39.308	A - Agriculture	1,105.00
S-4287	Antone & Helen Texeira	1/20/70-1/19/2025	Easement-Pohakuhaku & Kemau, Hamakua	4-3-06: 16	.330	A - Right of way	1.09
(D)S-4288	Honolulu Gas Co., Ltd.	5/07/69-5/06/2024	Kealakehe, N. Kona	7-4-08: Por. 16 & 17	.354	C - Right of way	430.00
S-4299	Ah Chun Lee	5/12/70-5/11/95	Kaimu-Kiula Hmstd., Makena & Kaimu, Puna	1-2-06: 05	378.131	A - Pasture	350.00
S-4300	Pohaku Enterprises, Inc.	5/12/70-5/11/2025	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 35	1.435	U - Industrial	8,000.00
S-4302	Yamada Transfer, Inc.	5/12/70-5/11/2025	Waiakea Hselt., & Gov't. Rem-nant, S. Hilo	2-2-37: 89	4.823	U - Industrial	16,985.00
S-4303	Economy Motors, Inc.	6/11/70-6/10/2010	Waiakea Hselt. ext., Waiakea, S. Hilo	2-2-58: 15	.608	U - Industrial	6,100.00
S-4306	Big Island Tobacco Corp.	6/30/70-6/29/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 04	.331	U - Industrial	1,125.00
S-4307	Quality Electricians, Inc.	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 03	.278	U - Industrial	980.00
S-4308	L. H. Nishimoto Plumbing Contractor, Inc. A/S Akira & Alan Akira Higaki	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 02	.551	U - Industrial	1,350.00
S-4309	The Investment Corporation	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 32	.459	U - Industrial	1,620.00
S-4310	Big Island Builders, Inc.	6/30/70-6/29/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 31	.459	U - Industrial	1,620.00
S-4311	Industrial Steel Corporation	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 27 & 28	.877	U - Industrial	3,100.00
S-4312	R. Hiras Painting, Inc.	6/30/70-6/29/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 26	.439	U - Industrial	1,550.00
S-4313	H & S Construction, Corporation	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 24	.255	U - Industrial	920.00
S-4314	H & S Construction, Corporation	6/23/70-6/22/2010	Hilo Ind. Dev., Pohaku St., Waia-kea, S. Hilo	2-2-58: 23	.273	U - Industrial	930.00
S-4315	Hawaii Planters, Inc.	6/23/70-6/22/95	Kalapana-Kupahua, Puna	1-2-32: 23	219.000	A - Agriculture	400.00

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S-4316	Mike Dietz Golf Shop, Inc.	6/23/70-6/22/2025	Waiakea Golf Course, S. Hilo	2-1-01: 12	63.248	U - Business	\$ 5,500.00
S-4317	Hisato & Tsuyako Ogata	6/30/70-6/29/2025	Easement-Waiakea	2-4-33: 18 Por.	.045	U - Right of way	10.00
S-4319	Kinoole	2/01/71-1/31/2046	Por. Gov't Land at Waiakea	2-4-25: 01	1.025	U - Eleemosynary	1.00 Full Term
(D)S-4320	Hawaiian Telephone Co.	1/01/70-12/31/2035	Halai Hill, Hilo	2-3-22: Por. 37	.321	U - Right of way	73.00
S-4323	C. Brewer & Co., Ltd.	11/10/70-11/09/2035	Waiakea, S. Hilo	2-1-10: 33	3.706	U - Industrial	15,500.00
S-4330	H.P.I., Inc.	4/16/71-4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37: 122	.416	U - Industrial	2,808.00
S-4331	JBL Hawaii, Ltd.	4/16/71-4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37: 144	.516	U - Industrial	1,950.00
S-4332	JBL Hawaii, Ltd.	4/16/71-4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37: 145	.548	U - Industrial	1,950.00
S-4333	Hawaiian Fruit Flavors, Inc.	7/15/71-7/14/2011	Waiakea Hseltis, S. Hilo	2-2-37: 56	.448	U - Industrial	3,175.00
S-4334	Larry & Persis B. Komata	4/16/71-4/15/96	Panaewa Farm Lots, S. Hilo	2-4-49: 24	10.231	A - Agriculture	900.00
S-4335	Tapley P. Jordan, Jr.	4/16/71-4/15/91	Olelomoana Hmstds., S. Kona	8-7-13: 10	40.600	A - Agriculture	1,150.00
S-4336	Solomon Thompson	4/16/71-4/15/91	Haukalua Hmstds.	8-7-04: 05, 07, 08, 09 & 10	28.150	A - Pasture	475.00
S-4344	Hilo Medical Partnership	12/27/71-12/26/2026	Por. of Gov't Land at Pihihonua	2-3-27: 25	2.052	U - Business	5,000.00
(D)S-4351	University of Hawaii	3/10/72-3/09/2037	Student Hsg. Site, Waiakea, S. Hilo	2-4-01: 07	6.566	U - Residential	Gratis
S-4355	Honpa Hongwanji Mission of Hawaii	5/01/72-4/30/2027	Waiakea Cane Lots, (Por.)	2-4-01: 116	4.000	U - Residential	2,820.00
(D)S-4357	Daughters of Hawaii	8/25/72-8/24/2037	Old Palace Lot, Kailua, N. Kona	7-5-07: 20	1.284	U - Eleemosynary	1.54
(D)S-4358	University of Hawaii (Bd. of Regents)	8/01/72-7/31/82	Lalamilo Farm Lots, Waimea, S. Kohala	6-6-05: 21	16.958	A - Agriculture	1.00 Full Term
S-4359	Allan D. Starr	8/17/72-8/16/2027	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37: 88	.413	U - Industrial	4,000.00
S-4363	Glenn Gayne Au	8/17/72-8/16/2027	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49: 23	10.243	A - Agriculture Residential	2,801.00
S-4364	TSI, Ltd.	8/17/72-8/16/2027	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49: 17	12.683	A - Agriculture	5,000.00
S-4366	Tommy M. Matsumoto	8/17/72-8/16/2027	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49: 06	10.008	A - Agriculture	2,900.00
S-4370	The Orizaba Co.	11/17/72-11/16/2037	Por. Gov't Land of Waiakea, S. Hilo	2-4-08: 01	5.938	A - Right of way	51.00
S-4379	Economy Motors, Inc.	6/14/73-6/13/2010	Waiakea Hseltis ext., Waiakea, S. Hilo	2-2-58: 36	.895	U - Industrial	7,000.00
S-4380	Taizan & Chieko Sugimoto	5/16/73-5/15/98	Gov't. Remnant at Kaniahiku, Puna	1-5-04: 13	3.640	A - Cane	90.00
S-4381	Tapley P. Jordan, Jr.	5/16/73-5/15/98	Por. Gov't Land of Keonepoko-Iki, Puna	1-5-09: 50	38.480	A - Agriculture	1,350.00
S-4382	Tapley P. Jordan, Jr.	5/16/73-5/15/98	Opihikao Hmstds., Puna	1-3-03: 16	52.100	A - Agriculture	1,300.00
S-4383	Tapley P. Jordan, Jr.	5/16/73-5/15/98	Papa Hmstds., Papa 1, S. Kona	8-8-04: 10	.7.850	A - Agriculture	400.00
S-4391	Hawaii Biogenics, Ltd.	2/01/74-1/30/2029	Opihipau-Hakiaa, Hualuu-Kahei Gov't Tracts	5-5-03: 04, 05 & 06 5-5-06: 02, 03, 04 & 15 5-5-07: 05, 08, 09, 11 & 12	1,054.426	A - Agriculture	43,150.00

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(D)S-4400	U. S. of America	4/10/74-4/09/84	Tract 1, Hilo Breakwater Project, Waiakea, S. Hilo	2-1-09: 12	2.600	U - Federal	\$ 1.00 Full Term
S-4410	Puna Sugar Co., Ltd.	11/01/74-10/31/2009	Waiakea, S. Hilo	2-4-08: 01	1,160.210	C - Cane	3,600.00
S-4415	Bryson T. Kuwahara	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 01	10.193	A - Agriculture	285.00
S-4416	Joseph S. Dalrymple	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 02	10.000	A - Agriculture	280.00
S-4417	Kiyoichi Yamaguchi	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 03	10.000	A - Agriculture	280.00
S-4418	Roy O. Sato	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 04	10.000	A - Agriculture	280.00
S-4419	Andrew Loo	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 05	10.000	A - Agriculture	280.00
S-4420	Ronald K. Iwata	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 06	10.000	A - Agriculture	480.00
S-4421	Steven L. Birge	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 07	10.000	A - Agriculture	280.00
S-4422	Tsutomu Nakauchi	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 08	10.000	A - Agriculture	280.00
S-4423	Masawo Kawakami	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 09	10.000	A - Agriculture	280.00
S-4424	Moses K. Makuakane	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 10	10.000	A - Agriculture	280.00
S-4425	Akeshi Hashimoto	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 11	30.000	A - Agriculture	840.00
S-4426	Kazumasa Ikeda	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 12	29.166	A - Agriculture	817.00
S-4428	Oren J. Tsunozumi	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 14	20.000	A - Agriculture	560.00
S-4429	Yukio Murayama	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 15	19.596	A - Agriculture	549.00
S-4430	Shigenari Shimabukuro	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 16	15.325	A - Agriculture	429.00
S-4431	James J. Kuwana	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 18	20.903	A - Agriculture	785.00
S-4432	Raymond K. Hayashi	2/01/75-1/31/2030	Keonepoko Iki Farm Lot Subd., Puna	1-5-116: 19	16.839	A - Agriculture	471.00
S-4438	Gasco, Inc.	11/01/73-10/31/2038	Piihonua, S. Hilo	2-3-15: 01 Por.	.033	U - Right of way	2.46
S-4443	Hawaii Planing Mill, Ltd.	9/04/75-9/03/2030	Lot 1-B, Hilo Ind. Dev. Pohaku St. Section, Waiakea, S. Hilo	2-2-58: 01	2.049	U - Industrial	12,000.00
S-4444	K. Kobata & Sons, Inc.	9/04/75-9/03/2030	Parcel B, Kam. Ave., Waiakea, S. Hilo	2-2-32: 30	.582	U - Business	20,000.00
S-4445	Harold T. Tanouye, Jr.	9/04/75-9/03/2010	Lots 12, 13, 14, Panaewa Farm Lots, 2nd Ser., Waiakea, S. Hilo	2-4-49: 26, 27 & 28	30.340	A - Agriculture	4,100.00
S-4446	H. Eunice Nursery, Inc.	9/04/75-9/03/2010	Lot 18, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 02	10.021	A - Agriculture	1,200.00
S-4447	Larry T. & Yoshiko Kimura	9/04/75-9/03/2010	Lot 23, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 07	10.008	A - Agriculture	3,100.00
S-4448	Bruce J. Knechtle	9/04/75-9/03/2010	Lot 22, Volcano Farm Lots, Olaa, Puna	1-9-01: 18	29.880	A - Agriculture	2,800.00
S-4449	Anthony V. & Marcia K. Cassano	9/04/75-9/03/2030	Lot 6, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 20	10.243	A - Ag.-Res.	1,200.00

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S-4450	Anthony J. & Ellen C. Vincent	9/04/75-9/03/2030	Lot 19, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 03	10.021	A - Ag.-Res.	\$ 1,100.00
S-4451	John Castillo	9/04/75-9/03/2030	Lot 20, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 04	10.021	A - Ag.-Res.	950.00
S-4452	Theodore A. Myers	9/04/75-9/03/2030	Lot 21, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 05	10.021	A - Ag.-Res.	820.00
S-4453	Willa McCoy	9/04/75-9/03/2030	Lot 24, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 08	10.021	A - Ag.-Res.	820.00
S-4454	Leighton S. Horiuchi	9/04/75-9/03/2030	Lot 25, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 09	10.021	A - Ag.-Res.	820.00
S-4455	Hiroshi Kitagawa	9/04/75-9/03/2030	Lot 26, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 10	10.021	A - Ag.-Res.	1,700.00
S-4456	Jules J. Gervais, Sr.	9/04/75-9/03/2030	Lot 28, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49: 12	6.784	A - Ag.-Res.	1,050.00
S-4457	Eugene D. Buffandeau	9/04/75-9/03/2030	Lot 7, Volcano Farm Lots, Olaa, Puna	1-9-01: 32	29.460	A - Ag.-Res.	1,700.00
S-4459	Lani A. Ignacio	9/04/75-9/03/2030	Lot 21, Panaewa House Lots, 2nd Ser., Waiakea	2-2-56: 18	2.615	A - Ag.-Res.	1,000.00
S-4460	Joseph & Rosalind Lopez	9/04/75-9/03/2030	Lot 63, Ponahawai Houselots, S. Hilo	2-5-27: 15	2.068	A - Ag.-Res.	1,050.00
S-4461	Joseph Gomes	9/04/75-9/03/1995	Por. Lot 1-B, Hienaloli St., N. Kona	7-5-10: 16	36.310	A - Pasture	1,850.00
S-4462	George M. Olival	9/04/75-9/03/2010	Lots 18 & 20, Olaa New Tract Lots, Puna	1-8-06: 97 & 102	98.161	A - Pasture	3,300.00
S-4463	Richard Smart	3/01/76-2/28/2011	Land of Keoniki & Kauniho, Waimea	6-5-01: 10	230.000	A - Pasture	5,100.00
S-4464	Richard Smart	3/01/76-2/28/2011	Land of Haleaha, Waimea	6-5-01: 06	135.000	A - Pasture	4,500.00
S-4465	Richard Smart	3/01/76-2/28/2011	Land of Keanuio-mano & Puuiki, Waimea	6-5-01: 20	420.000	A - Pasture	13,950.00
S-4466	William V. Brilhante, Inc. dba Hawaii Cattle Co., Ltd.	3/01/76-2/28/2011	Land of Honokaia, Hamakua	4-6-11: 04 & 05	776.420	A - Pasture	26,500.00
S-4467	Richard Smart	3/01/76-2/28/2011	Land of Honokaia, Hamakua	4-6-11: 03	739.000	A - Pasture	22,400.00
S-4468	Richard Smart	3/01/76-2/28/2011	Land of Honokaia, Hamakua	4-6-11: 11	738.000	A - Pasture	22,400.00
S-4469	Richard Smart	3/01/76-2/28/2011	Land of Honokaia, Hamakua	4-6-11: 12	522.000	A - Pasture	20,200.00
S-4470	Richard Smart	3/01/76-2/28/2011	Land of Honokaia, Hamakua	4-6-11: 13	500.000	A - Pasture	22,100.00
S-4471	Theresa B. Lau	3/01/76-2/28/2011	Land of Kaohe-3, Hamakua	4-4-15: 02	1,763.000	A - Pasture	17,500.00
S-4472	Antone S. & Marjory Ann Teixeira	3/01/76-2/28/2011	Land of Hoea-Kaao, Hamakua	4-2-08: 02	1,902.000	A - Pasture	20,500.00
S-4473	Philip C. Meyer	3/01/76-2/28/2011	Land of Kaohe-6, Hamakua	4-1-06: 07	3,110.000	A - Pasture	26,100.00
S-4474	Richard Smart	3/01/76-2/28/2011	Land of Puu Kawaiwai, Pano-luukia & Kapia, S. Kohala	6-2-01: 03 & 15	2,978.000	A - Pasture	22,300.00
S-4475	K. K. Ranch, Inc.	3/01/76-2/28/2011	Land of Kalopa & Kaohe-3, Hamakua	4-4-14: 02 & 03	7,282.000	A - Pasture	77,600.00

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

ANNUAL REPORT

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GENERAL LEASES

HAWAII

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4476	Richard Smart	3/01/76- 2/28/2011	Land of Piihonua, S. Hilo	2-6-18: 01	5,995.000	A - Pasture	\$ 65,100.00
S-4477	S. C. Ranch Co., Inc.	3/01/76- 2/28/2011	Land of Kaohe-2, Hamakua	4-3-10: 08	7,780.000	A - Pasture	90,000.00
S-4478	Boteilho Hawaii Enterprises, Inc.	3/01/76- 2/28/2011	Land of Kaohe-2, Hamakua	4-3-10: 02	7,932.000	A - Pasture	112,000.00
S-4479	Hawaii Housing Authority	8/29/75- 8/28/2030	Ponahawai, S. Hilo	2-5-06: Por. 03	.744	U - Right of way	1.00 Full Term
S-4483	Leslie W. Wishard	1/01/76- 12/31/2005	Lalamilo, S. Kohala	6-6-01: 01 & 02	.082	A - Right of way	11.83
S-4484	Donn W. Carlsmith	11/01/75- 4/30/2013	Waiakea & Piihonua, S. Hilo	2-4-08: 04 2-6-18: 01	18.852	C - Right of way	10.00
S-4486	Catherine W. Lowrey	1/01/76- 12/31/2005	Lalamilo, S. Kohala	6-6-01: 01 & 02	.082	A - Right of way	11.83
S-4514	South Pacific Christian Camps, Inc.	1/01/76- 12/31/2031	Makapala, N. Kohala	5-2-08: 03	4.102	U - Eleemosynary	1.00 Full Term
S-4541	Arata Kansako and Dorothy S. Kansako	8/26/76- 8/25/2001	Hakalau-Iki, S. Hilo	2-9-02: 47	6.793	A - Cane	370.00
S-4542	Richard A. G. Pintane	8/26/76- 8/25/96	Laupahoehoe, N. Hilo	3-6-01: 08	11.790	A - Pasture	100.00
S-4545	Hawaii 2000 Foundation, Inc.	12/24/76- 12/23/2041	Waiakea Forest Reserve; Panaewa Forest Reserve; S. Hilo	2-4-04: Por. 01 2-4-08: Por. 01	202.128	A - Recreational	1.00
S-4548	Candice A. Johnson	2/10/77- 2/09/2032	Lalamilo Farm Lots, Waimea, S. Kohala	6-6-05: 21	16.958	A - Ag.-Res.	3,100.00
S-4549	Blackburn Lee Snow	2/10/77- 2/09/2032	Lalamilo Farm Lots, Waimea, S. Kohala	6-6-05: 26	23.097	A - Ag.-Res.	3,350.00
S-4556	Island Orchids, Inc.	4/22/77- 4/21/2012	Kaumana, S. Hilo	2-5-03: 21	26.072	A - Business	3,200.00
S-5000	Tsugio Sakata	3/31/67- 3/30/2032	Por. Gov't Land of Waimea, S. Kohala	6-5-04: Por. 15	.012	U - Right of way	11.00
S-5001	K. Kobata & Sons,	3/31/67- 3/30/2022	Waiakea, S. Hilo	2-2-32: 10	.988	U - Business	4,262.00
S-5002	Aiea Dairy, Ltd.	3/31/67- 3/30/92	Kaapahu Hmstds., Hamakua	4-4-13: 11	20.500	A - Pasture	250.00
S-5003	Rudy Hirota	3/31/67- 3/30/92	Waiakea Hmstds., S. Hilo	2-4-06: 12 2-4-07: 37	68.670	A - Pasture	330.00
S-5004	Sueichi & Yoshiko Kawashima	3/31/67- 3/30/92	Paauiilo, Hamakua	4-3-15: 10	3.040	A - Agriculture	46.00
S-5005	Marjorie Corley	3/31/67- 3/30/2002	Keonepoko-Nui, Puna	1-5-08: 05	5.000	A - Agriculture	65.00
S-5015	Motoshi Sako	5/19/67- 5/18/2002	Por. Gov't Land of Olaa, Puna	1-7-01: 63	.466	U - Business	485.00
S-5017	Mary K. Phillips	5/19/67- 5/18/2032	Por. Lalamilo, Waimea, S. Kohala	6-6-04: 76	.033	U - Right of way	22.00
S-5018	James & Florence Ho	5/19/67- 5/18/2032	Ocean View Lots, Waiakea, S. Hilo	2-1-05: 21 & 31	1.090	U - Business	10,600.00
S-5019	Kohala Ditch Co., Ltd.	5/19/67- 12/31/91	Hamakua & N. Kohala	6-3-02: 04 & 05	5,845.000	C - Water	8,000.00
S-5020	Kohala Sugar Co.	5/19/67- 5/18/92	Awalua-Haena Gov't Tract, N. Kohala	5-6-01: 01	185.550 8.800 14.480 22.250 231.080	A - Cane Right of way Waste Pasture	1,856.00 67.00 1,923.00

SECOND LAND DISTRICT

Island of Maui

GENERAL LEASES -- SUMMARY, SECOND LAND DISTRICT, June 30, 1977

Use	Area (Acres)	Annual Rental	No. Leases
Agriculture	1,568.276	\$ 7,272.98	19
Business	119.580	28,827.50	6
Cane*	5,078.953	105,016.08	9
County	2.922	---	1
Eleemosynary	51.223	585.00	4
Federal	6.970	720.00	3
Fishpond	---	---	---
Industrial262	300.00	1
Pasture	12,930.449	51,844.00	38
Pineapple	396.291	7,356.52	2
Recreation	7.742	150.00	1
Residential	14.715	6,707.00	8
Rights of Way	10.995	2,115.06	13
State Agencies	---	---	---
Waste	---	---	---
Water Licenses, etc.	22,244.910	74,530.00	3
TOTALS	42,433.288	\$ 285,424.14	108

* All contributory lands included in cane. Some pasture, rights of way & waste included in the primary lease under cane.

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

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GENERAL LEASES

MAUI

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
L-3505	East Maui Irrigation Co., Ltd. (1 yr. holdover)	7/01/76-6/30/77	Nahiku Water License, Hana and Makawao	1-2-04: Por. 05 & 07	10,111.220	C - Water	\$ 9,010.00
(D)S-3535	Maui Electric Co., Ltd. (6 months holdover)	1/16/77-6/30/77	Por. Waiakoa & Paapanui	2-2-07: Por. 05	4.762	C - Right of way	12.00
S-3536	Hawaiian Broadcasting System, Ltd. (1 yr. hold-over)	3/01/77-2/28/78	Kolekole Hill, Paapanui, w/easement, Makawao	2-2-07: 09	2.570	C - Business	317.00
L-3578	East Maui Irrigation Co., Ltd.	7/01/60-6/30/81	Huelo License, Honopou, Hamakualoa	1-1-01: 50 2-9-14: 01, 05, 11, 12, & 17	8,752.690	C - Water	50,010.00
S-3588	Pioneer Mill Co., Ltd.	1/01/60-12/31/89	Honokowai, Lahaina	4-4-01: 15, 19, & 22 4-4-02: 03, 08, 11, 15, 18, & 20 4-4-04: 02, & 06	734.410 44.170 177.150 95.196 9.660 7.864 1,068.450	A - Cane Contributory Pasture Waste New Highway Other use	20,834.21
S-3637	Marion R. & Emma L. L. Rogers	4/14/61-4/13/91	Kawaipapa, inc. Loko Waiohonu, Hana	1-3-07: 25	.600	R - Residential	137.00
S-3638	Maui Land & Pineapple Co., Inc.	4/14/61-4/13/81	Honokowai Mauka Tract, Kaanapali, Lahaina	4-4-04: 09	157.940	A - Pineapple Pasture	3,800.00
S-3640	Ulupalakua Ranch, Inc.	4/28/61-4/27/82	Nahiku Hmstds., Koolau	1-2-01: 10	45.400	A - Pasture & C	45.00
S-3681	Maui Land & Pineapple Co., Inc.	1/12/62-1/11/82	Por. Napili 4 & 5, Honoapiilani Hwy., Lahaina	4-3-01: 03, 05, 06, 07 & 08	238.351	A - Pineapple Pasture	3,556.52
S-3682	Haleakala Ranch Company	1/12/62-1/11/82	Haleakala Tract, Makawao, Hamakua-poko	2-4-15: 20 2-4-16: 01	150.700	A - Pasture	1,650.00
S-3683	Frank Cuelho, Sr.	3/12/62-3/11/82	Pukoo, Molokai	5-7-05: 26	142.890	A - Pasture	300.00
S-3684	Maui County Council, Inc., Boy Scouts of America	1/12/62-1/11/82	Kahakulua Hmstds., Kahakulua, Wailuku	3-1-01: 29	47.680	A - Eleemosynary	60.00

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D - Direct award
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ANNUAL REPORT

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GENERAL LEASES

MAUI

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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3685	Wailuku Sugar Co.	1/12/62-1/11/82	Kahakuloa Hmstds., Kahakuloa, Wailuku	3-1-01: 01	194.510	A - Pasture	\$ 1,825.00
S-3687	Wailuku Sugar Co.	1/12/62-1/11/82	Ili, Kou, situate on main Gov't road at Waiehu, Wailuku	3-2-13: 08	12.480	A - Cane	735.00
S-3695	East Maui Irrigation Co., Ltd.	7/01/62-6/30/86	Honomanu Water License, Koolau	1-1-01: 44	3,381.000	C - Water	15,510.00
S-3699	John M. Dee Souza	5/17/62-5/16/82	Koolau, Hana	1-1-01: 31	66.000	A - Pasture	120.00
S-3700	Ulupalakua Ranch, Inc.	3/19/62-3/18/82	Kanaio & Kaunua-hano, Kaloi Tract, inc. Lots 1-17, Kanaio Hmstds., Honuaula	2-1-02: 01 2-1-03: 50	8,370.000	A - Pasture & C	5,000.00
S-3701	Haleakala Ranch Company	3/19/62-3/18/82	Nakula Mauka Tract, Kaupo & Kahikinui	1-8-01: 05 1-9-01: 08	423.200	A - Pasture	3,714.00
S-3717	West Maui AJA Veterans Club	11/05/62-11/04/87	Wahikuli Hselts., Lahaina	4-5-14: 51	.460	U - Eleemosynary	120.00
(D)S-3741	U. S. of America, Federal Aviation Agency	7/01/64-6/30/84	Kealalaloa, Ukumehame	3-6-01: 08	1.531	C - Federal	Gratis
(D)S-3749	U. S. of America, Corps of Engineers (Army)	4/19/63-4/18/2028	Papaanui, Makawao (Honuaula)	2-2-07: 11	4.450	C - Federal	Gratis
S-3817	Maui Young Men's Christian Assoc.	11/24/64-11/23/2019	Keanae, Hana (Koolau)	1-1-02: 09	7.742	A - Recreational	150.00
S-3820	Roy F. Bodnar	4/08/64-4/07/84	Parcels C, D & E, Puolua, Hamakualoa, Makawao	2-9-06: 06 2-9-08: 13, 17, 18 & 24	12.890	A - Pasture	90.00
S-3822	Charles Aki	4/08/64-4/07/84	Upper Kualopa Lots, Makawao	2-1-04: 94	20.820	A - Pasture	104.00
S-3824	Anthony DeCoite	4/08/64-4/07/84	Paehala Tract, Paehala, Hana	1-5-11: 14, 15 & 29	48.100	A - Pasture & C	150.00
S-3835	Pioneer Mill Co., Ltd.	6/02/64-6/01/84	Honokowai, Kaanapali, Wahikuli, Lahainaluna, Lahaina	4-4-02: 12, 13 & 14 4-4-05: 35 4-4-07: 10 4-5-21: 05 4-6-18: 11	.840 16.464 17.304	A - Cane & C Right of way	2,206.00
S-3857	Leslie W. & Colia I. Eade	8/17/64-8/16/99	Betwn. Hana Hwy. & sea, Papaahau, Hana	1-4-03: 01	5.200	A - Residential & C Pasture	590.00
(D)S-3918	University of Hawaii	5/28/65-5/27/2030	Kealahou 1 & 2, & Waiakoa, Makawao, Kula	2-2-11: 33	20.674	A - Agriculture	Gratis
S-3920	Joseph Young	7/20/65-7/19/85	Lots 12-A, 13-A, 26-A, 32, 32-A & Par. 54, Wailua Hmstds., Hana	1-1-05: 17, 25, 45 & 54	5.930	A - Agriculture	177.00
S-3922	Cecilia Kaauamo	7/20/65-7/19/85	Lots 2-A, 18-A, 21-A & 22-A, Wailua Hmstds., Koolau, Hana	1-1-04: 13 & 30	2.990	A - Agriculture	80.00
S-3923	Colin C. Cameron	7/20/65-7/19/2030	Non-exclusive easement for roadway 20-ft. wide, Kahului Airport	3-8-01: Por. 19	.166	U - Right of way	75.00
S-3947	George W. Murphy dba Puuohoku Ranch	6/01/66-5/31/86	Por. Honouliwai, Makai of Molokai Forest Reserve	5-8-03: 12 5-8-15: 15	575.007	A - Pasture	1,851.00
S-3964	Joseph K. & Christy D. Daniels	6/01/66-5/31/86	Waiohonu-Kakio Hmstds., Hana	1-4-11: 04	35.850	A - Pasture	90.00
S-3965	Samuel Kaauamo	6/01/66-5/31/86	Wailua Hmstds., Hana	1-1-05: 52	2.630	A - Agriculture	55.00
S-3984	Pioneer Mill Co., Ltd.	7/11/66-7/10/86	Lahainaluna School lands, Lahaina	4-6-18: 04	71.130 3.770 87.700 162.600	A - Cane Contributory Waste	1,872.50

METHOD OF DISPOSITION:

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MAUI

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S-3985	Pioneer Mill Co., Ltd.	7/11/66-7/10/86	Lahainaluna School lands, Lahaina	4-6-18: 06 & 10	38.600 3.810 38.189 80.599	A - Cane Contributory Waste	\$ 1,060.25
S-4013	Obed Sniffen	10/17/66-10/16/86	Kahakuloa Hmstds., Wailuku	3-1-01: 23	56.010	A - Pasture	45.00
S-4015	Joe Castro, Jr.	10/17/66-10/16/86	Kahakuloa Hmstds., Wailuku	3-1-01: 21	92.800	A - Pasture	175.00
S-4016	Erik Krag dba Hana Tropical Fruit Plantation	10/17/66-10/16/2001	Por. Kawaipapa & Wakiu, Hana	1-3-04: 06 & 20	421.170	A - Agriculture	700.00
(D)S-4028	Hawaiian Telephone Co.	7/01/66-6/30/2031	Papaanui, Makawao (Honuaula)	2-2-07: 12	.262	C - Industrial	300.00
S-4112	Seaside Developers	9/25/67-9/24/2032	Kamaole, Wailuku	3-9-04: Por. 01 & 61	.400	U - Right of way	150.00
S-4189	Hana Ranch Co., Ltd.	3/07/68-3/06/88	Hamoia, Hana	1-4-07: 07	1.000	A - Pasture	15.00
S-4190	Joseph Young	3/07/68-3/06/88	Wailua, Hana (Koolau)	1-1-06: 70	2.760	A - Agriculture	40.00
S-4192	Robert Puu	4/22/68-4/21/88	Wailua Hmstds., Wailua	1-1-04: 06 & 18	2.180	A - Agriculture	55.00
S-4194	Dr. Louis R. Prucher	5/22/68-5/21/88	Omaopio, Makawao (Kula)	2-3-03: 118	3.339	A - Agriculture	105.98
S-4195	Joseph B. & Jeanette Di Meo	4/22/68-4/21/2033	Kamaole (Kula)	3-9-05: 46	.217	U - Business	710.00
S-4197	Alexander & Baldwin, Inc.	7/01/68-6/30/2003	Pulehunui & Waikapu, Wailuku	3-8-08: 01 & 08	1,207.618 296.415 371.240 1,875.273	A - Cane Contributory Waste	41,416.00
S-4209	Charles & Mary Kong	10/03/68-10/02/2023	Kearae Hmstds., Kearae, Hana (Koolau)	1-1-03: 70	1.100	A - Agriculture & C Residential	1,070.00
S-4210	Herbert Aronson	10/03/68-10/02/2023	Kearae, Hana (Koolau)	1-1-03: 59	.970	A - Agriculture Residential	350.00
S-4211	Stephen & Gerald Ferreira	9/12/68-9/11/88	Water Hole Res., Waiakoa Hmstds., Kula	2-2-15: 16	16.550	A - Pasture	120.00
S-4212	John C. Fagan & Walter C. Witte	9/04/68-9/03/2033	Kamaole, Wailuku	3-9-04: 29	1.119	U - Business	6,700.00
S-4229	Pioneer Mill Co., Ltd.	2/25/69-2/24/94	Wahikuli, Lahaina (Kaanapali)	4-5-21: 03, 04, & Por. 10	1,089.560 138.590 228.978 335.810 2.118 1,795.056	A - Cane Contributory Waste Pasture Other use	35,530.12
S-4230	Charles S. Ota	2/25/69-2/24/89	Honomanu, Hana	1-1-01: 52	67.000	A - Pasture & C	150.00
S-4231	Paul T. & Bernice H. Otani	2/25/69-2/24/94	Omaopio, Kula	2-3-03: 06	13.140	A - Agriculture	500.00
S-4232	Frank T. Pacheco	2/25/69-2/24/94	Puolua, Makawao (Hamakualoa)	2-9-06: 07 & 08	10.560	A - Pasture	30.00
S-4233	Hansel Ah Koi	2/25/69-2/24/89	Kearae & Pahoa, Hana	1-1-08: 08	148.700	A - Pasture	410.00
S-4241	Neal Tokuhisa	6/05/69-6/04/94	Hamakualoa, Makawao	2-9-06: 21, 22 & 23	53.330	A - Pasture	600.00
S-4242	Barney Silva	6/05/69-6/04/94	Honokala, Hamakualoa	2-9-05: 20 & 32	28.420	A - Pasture	355.00
S-4269	Friendly Isle, Inc.	11/08/69-11/07/2034	Submerged lands fronting Ahupuaas, Puuhala & Kaamola, Molokai	5-6-05: 35	108.137	C - Business	8,500.00
S-4271	Lahaina Hongwanji Mission	11/24/69-11/23/2034	Por. Former Lot 21-A (Mokuhinia Pond) Wainee, Lahaina	4-6-07: 41	.083	U - Eleemosynary	225.00
S-4272	Michael Paul Milner	11/24/69-11/23/2024	Por. Former Old Kuiaha School Lot, Makawao	2-7-08: 15	1.840	A - Agriculture Residential	300.00

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S-4273	Amfac, Inc.	11/24/69-11/23/2034	Offshore waters of Hanakaoo, Lahaina	4-4-06	.130	C - Right of way	\$ 2.17
S-4325	Charles S. Ota	12/22/70-12/21/95	Keokea (Kula)	2-2-04: 01, 02, 29 & 66	206.010	A - Pasture	5,500.00
S-4327	Harry & Rosalina Anita Hasegawa	11/23/70-11/22/2025	Hamoia, Hana	1-4-08: 13	1.000	R - Residential	750.00
S-4328	Anthony A. & Anna K. Tam	11/23/70-11/22/95	Wailua-Nui, Hana	1-1-08: 05	120.970	A - Pasture & C	405.00
S-4340	Akea Farms, Inc.	7/22/71-7/21/2116	Molokai Farm Lots, Hoolehua, Apana 2	5-2-01: 09	205.000	A - Agriculture	2,400.00
S-4345	James Kekiwi	7/22/71-7/21/91	Wailua Hmstds., Hana (Koolau)	1-1-05: 22	.770	A - Agriculture	35.00
S-4346	Winston H. Jensen & Richard L. Lee	8/20/71-8/19/91	Makawao (Hamakua-loa)	2-8-06: 64	2.902	A - Pasture	160.00
S-4348	Samuel Akina	7/22/71-7/21/91	Wailua Hmstds., Hana (Koolau)	1-1-06: 43	.400	A - Agriculture	30.00
S-4349	Charles M. & Mary Joan Kong	7/22/71-7/21/91	Wailua Hmstds., Hana (Koolau)	1-1-06: 38	.850	A - Agriculture	35.00
S-4350	William H. D. & Anna M. King	7/22/71-7/21/2026	Ualapue, Kona, Molokai	5-6-02: 01	2.100	U - Agriculture Residential	1,400.00
(D)S-4372	U. S. Department of Agriculture, Soil Conservation Service	1/01/73-12/31/98	Par. A-1, Molckai Farm Lots, Palaaui-Apana 2	5-2-01: 07	81.181	A - Agriculture	Gratis
S-4373	William C. & Heather M. Cole	4/12/73-4/11/2028	Kealahou 3 & 4, Makawao (Kula)	2-3-37: Por. 11	.091	R - Right of way	4.96
S-4374	Virginia & Mark Stephen Cundiff	4/12/73-4/11/2028	Honokala, Hamakua-loa, Makawao	2-9-05: Por. 20	.064	A - Right of way	.31
S-4375	Association of Owners of Mana-Kai, Maui & Seaside Developers	4/12/73-9/24/2032	Kamaole, Wailuku (Kula)	3-9-04: Por. 01 & 61	.107	U - Right of way	5.08
S-4376	Tanji Yamamura	4/12/73-4/11/93	Uaaoa & Kealii-Nui, Hamakua-loa	2-8-06: 37	14.100	A - Agriculture	610.00
S-4377	Richard Tam Sing	5/11/73-5/10/93	Kaakakai Gulch, Kohoilo, Makawao (Kula)	2-3-07: 15	14.100	A - Pasture	330.00
S-4433	County of Maui	6/14/74-6/13/2009	Palaaui & Hoolehua, Molokai	5-2-01: 02 5-2-04: 16	772.242	A - Agriculture	Gratis
S-4437	U. S. Postal Service	10/01/76-9/30/2031	Kealahou 3 & 4, Makawao (Kula)	2-3-02: 01	.989	A - Federal	720.00
S-4439	Maui Ocean View Associates	6/24/75-6/23/2030	Kamaole, Wailuku (Kula)	3-9-04: Por. 61	.103	U - Right of way	39.55
S-4440	Robert J. Rauenhurst, etal., dba Tahitian Apts.	6/24/75-6/23/2030	Kamaole, Wailuku (Kula)	3-9-04: Por. 61	.289	U - Right of way	110.07
S-4441	Pearson Hui	6/24/75-6/23/2030	Kamaole, Kihei	3-9-04: Por. 61	.087	U - Right of way	52.50
S-4442	Assn. of Owners of Kihei Surfside	6/24/75-9/24/2032	Easement 1, 2 & 3, Kamaole, Wailuku, (Kula)	3-9-04: Por. 01 & 61	.408	U - Right of way	271.55
S-4516	Comteck-WHCV (ARSBAND PARTNERS)	1/26/73-1/25/93	Kolekole Hill of Mt. Haleakala, Papaanui, Makawao, Kula	2-2-07: 08	.025	C - Business	.50
S-4518	County of Maui, Department of Water Supply	9/26/75-9/25/95	Por. Kahului Airport, Kahului	3-8-01: Por. 19 & 75	2.922	U - County	Gratis
S-4519	David R. Masters	7/08/76-7/07/2031	Former Kaupakulua School Lot, West Kaupakulua, Makawao (Hamakua-loa)	2-7-15: 26	1.905	A - Agriculture Residential	2,110.00
S-4520	Donald N. Gard, Robert A. & Francine S. Frost	9/01/76-8/31/2001	Old School Lot at Kaeleku & Wakiu, Hana	1-3-04: 15	4.000	A - Agriculture	600.00

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

ANNUAL REPORT

July 1, 1976 to June 30, 1977

LAND USE COMMISSION
LAND CLASSIFICATION

GENERAL LEASES

MAUI

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4521	William F. Butzine, Richard J. Correll & Avery G. Dresden	9/01/76-8/31/2001	Lot 29-0, Nahiku Homesteads, Nahiku, Hana	1-2-02: 01	7.200	A - Agriculture	\$ 725.00
S-4522	Kenneth & Kela Farrell	9/01/76-8/31/2001	Lot W, Nahiku Homesteads, Nahiku, Hana	1-2-02: 06	7.720	A - Agriculture	1,125.00
S-4523	Pioneer Mill Co., Ltd.	7/08/76-12/31/89	Honokowai, Lahaina	4-4-02: 09 & 17	19.500 5.608 25.108	A - Cane Waste	492.00
S-4524	Hazel Oliveira & Louis J. Abreau dba H & E Ranch	9/01/76-8/31/2001	Kawaipapa & Wakiu, Hana	1-3-06: 07	421.000	A - Pasture & C	1,200.00
S-4525	Ark Ranch	9/01/76-8/31/2001	Lots 48 & 50, Waiohono-Kakio Hmstds., Kakio, Hana	1-4-11: 20 & 23	17.840	A - Pasture	860.00
S-4530	Kaupo Ranch, Ltd.	9/01/76-8/31/2001	Kaupo, Hana	1-7-01: 13, 14, 21, 23, 25, 31 & 33 1-7-02: 32 1-7-03: 32	307.880	A - Pasture & C	1,625.00
S-4531	Kaupo Ranch, Ltd.	9/01/76-8/31/2001	Kaupo, Hana	1-7-03: 24 & 27	78.890	A - Pasture & C	1,650.00
S-4532	Charles S. Ota dba Landmark Ranch	9/01/76-8/31/2001	Waiohuli & Keokea, Makawao	2-2-04: 31	139.280	A - Pasture	4,000.00
S-4533	Charles S. Ota dba Landmark Ranch	9/01/76-8/31/2001	Waiohuli & Keokea, Makawao	2-2-05: 47 & 53	242.390	A - Pasture	3,600.00
S-4534	Jon Handy	9/01/76-8/31/2001	Hamakualoa, Makawao	2-9-13: 04 & 12	50.560	A - Pasture & C	2,450.00
S-4535	Theodore L. Such	9/01/76-8/31/2001	Hamakualoa, Makawao	2-9-13: 14	79.100	A - Pasture & C	2,700.00
S-4536	Tavares Enterprises, Inc.	9/01/76-8/31/96	Honopou & Halawa, Hamakualoa	2-9-01: 08 & 11 2-9-03: 08 & 40 2-9-04: 26	36.950	A - Pasture & C	825.00
S-4537	Bettencourt Agriculture Development Co., Ltd.	9/01/76-8/31/2001	Lots 29-A, 29-B, 29-E & 29-0, Nahiku Hmstds., Nahiku	1-2-02: 27, 29 & 35	29.230	A - Pasture	1,350.00
S-4538	Railroads of Hawaii dba Lahaina Kaanapali & Pacific Railroad Co.	7/08/76-7/07/2016	Parcels 1, 2, 3, 4 & 5, Kapunakea 1 & Waihikuli, Lahaina	4-5-14: 77 4-5-21: 11 4-5-27: 49 4-5-30: 138	4.212	U - Right of way	1,390.00
S-4544	The Episcopal Church in Hawaii	5/24/74-5/23/2039	Waiohuli, Wailuku (Kula)	3-9-01: 12	3.000	U - Eleemosynary	180.00
S-4550	Mary E. Harris	3/20/77-3/19/2002	East Honomalee, Kewela & Kaeleku, Hana	1-3-03: 17	485.100	A - Pasture	8,200.00
S-4559	Sea Habitat Hawaii, Inc.	6/03/77-6/02/2042	Ukumehame, Wailuku	3-6-01: 38	7.512	C - Business	12,600.00
S-5008	Pioneer Mill Co., Ltd.	5/23/67-5/22/87	Lahainaluna School lands, Lahaina	4-6-18: 13 & 17	34.808 7.275 42.083	U - Cane & A Waste	870.00
S-5010	Edward B. & Sylvia Mildred Perreira	5/23/67-5/22/87	Weilua-Nui, Hana (Koolau)	1-1-08: 14	59.910	A - Pasture & C	150.00
S-5011	Leonard & Grace S. Withington	5/23/67-5/22/2052	Honouliwai	5-8-03: Por. 12	.176	A - Right of way	1.87
S-5014	Nobriga's Ranch, Inc.	10/17/66-10/16/86	Lot 10, Kahakulua Hmstds., Kahakulua, Wailuku (Kaanapali)	3-1-01: 04	78.600	A - Pasture & C	60.00

THIRD LAND DISTRICT

Island of Oahu

GENERAL LEASES -- SUMMARY, THIRD LAND DISTRICT, June 30, 1977

Use	Area (Acres)	Annual Rental	No. Leases
Agriculture	799.489	\$ 43,580.00	50
Business	161.876	272,504.00	9
Cane*	---	---	---
County	53.372	2.00	4
Eleemosynary	244.384	12,937.00	17
Federal	7,267.411	8.00	13
Fishpond	---	---	---
Industrial	227.140	266,700.00	24
Pasture	3,253.260	9,375.00	7
Pineapple	578.265	36,515.00	1
Recreation	6.190	150.00	1
Residential	25.000	1.00	1
Rights of Way	58.789	5,209.32	44
State Agencies	67.697	---	2
Waste	---	---	---
Water Licenses, etc.	1,534.626	36,612.00	2
TOTALS	14,277.499	\$ 683,593.32	175

* All contributory lands included in cane. Some pasture, rights of way & waste included in the primary lease under cane.

METHOD OF DISPOSITION:

ANNUAL REPORT

LAND USE COMMISSION
LAND CLASSIFICATION

D - Direct award
All others by public auction

July 1, 1976 to June 30, 1977

GENERAL LEASES

OAHU

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
(D)L-1755	Hawaiian Electric Co., Ltd.	4/07/26-Indefinite	Auwaiolimu & Kewalo		.210	U - Right of way	\$ 1.00
(D)S-1756	Hawaiian Electric Co., Ltd.	6/21/21-Indefinite	Waialea, Koolauloa		1.020	C - Right of way	12.00
(D)L-2955	Hawaiian Electric Co., Ltd.	5/25/48-5/24/98	Schofield Barracks		.546	U - Federal	Full Term
3523	Glenn Masuo & Harriet Miko Masunaga	6/30/55-6/29/76	Makiki	2-4-32	.097	U - Right of way	24.00
(D)L-3527	Hawaiian Electric Co., Ltd.	7/07/55-7/06/76	Kewalo & Kalawahine, Honolulu	2-5-19	.627	U - Right of way	24.00
(D)L-3562	Hawaiian Electric Co., Ltd.	6/18/56-6/17/77	Piliamoo, Kanewa & Waahila	2-8-26: 29 3-3-56		C - Right of way	24.00
3563	Castle & Cooke, Inc.	8/01/56-7/31/77	Wahiawa, Waialua, Kaakaukui	7-3-01: 14 & 15	.126	C - Water	12.00
3564	Communications Hawaii, Inc. & K (O) KUA Radio One Corporation	8/27/56-8/26/77	Kaakaukui	2-1-58: 48	.083	U - Business	1,400.00
3565	GEM International, Inc.	8/27/56-8/26/77	Kuwili	1-5-20: 06 & Por. 11	3.075	U - Industrial	9,000.00
(D)S-3702	Honolulu Gas Co., Ltd.	3/21/62-3/20/92	Wilikina Dr., Wahiawa	7-3-01	.051	U - Right of way	220.00
S-3709	The Oceanics Foundation	8/21/62-8/20/2027	Waimanalo, Koolau-poko	4-1-14: 03, 04 & Por. 07	118.000	U - Eleemosynary	12,000.00
S-3726	Honolulu Star Bulletin, Inc.	1/12/63-1/11/83	Ala Wai Blvd., Kalia, Waikiki	2-6-13	1.236	U - Right of way	130.00
S-3727	Amancio R. & Serafina Nacapoy	1/14/63-1/13/2028	Kaluapalena, Kalihi	1-3-11	.153	U - Right of way	19.20
(D)S-3747	U. S. of America, Corps of Engineers (Army)	4/19/63-4/18/2028	Mt. Kaala, Moku-leia, Waialua	6-7-03 8-4-02	1.800	C - Federal	1.00 Full Term
(D)S-3748	U. S. of America, Federal Aviation Agency	4/19/63-4/18/2028	Mokuleia For. Res.	8-5-06: 03	53.630	C - Federal	1.00 Full Term
(D)S-3808	City & County of Honolulu	6/17/64-6/16/2029	Pouhala & Ulumoku, Waikale, Ewa	9-3-01 9-3-02	45.810	C - Right of way	1.00 Full Term
S-3809	Canadian Overseas Telecommunication Corporation	4/02/64-4/01/2029	Keawaula, Waianae	8-1-01	3.979	C - Industrial	1,000.00

METHOD OF DISPOSITION:

D - Direct award
All others by public auction

ANNUAL REPORT

July 1, 1976 to June 30, 1977

GENERAL LEASES

OAHU

LAND USE COMMISSION
LAND CLASSIFICATION

(A) - Agriculture
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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3811	Consolidated Amusement Co., Ltd.	4/02/64-4/01/2029	Kalauao, Ewa	9-8-11: 11	.014	U - Right of way	\$ 125.00
(D)S-3813	U. S. of America (Navy)	7/01/64-6/30/79	Nanakuli, Lualualei, Waianae	8-9-06: Por. 01 8-7-08: 26 8-7-06: Por. 03	.397	U - Right of way	1.00 Full Term
(D)S-3843	City & County of Honolulu (Maluhia Hospital)	2/26/65-2/25/2030	McInerny Tract & Lanakila Tract, Kalaepohaku, Kapalama	1-6-09: 04	3.090	U - County	1.00 Full Term
(D)S-3845	U. S. of America (Army)	8/17/64-8/16/2029	Kaena Point Tracking Station	8-2-01: 04, 05, 06, 10 & 21 8-1-01: 01 & 10	137.980	C - Federal	1.00 Full Term
(D)S-3846	U. S. of America (Army)	8/17/64-8/16/2029	Kawailoa Training Area	7-2-01	4,390.000	C - Federal	1.00 Full Term
(D)S-3848	U. S. of America (Army)	8/17/64-8/16/2029	Makua Training Area, Parcels A & B		1,515.121	C - Federal	1.00 Full Term
(D)S-3850	U. S. of America (Army)	8/17/64-8/16/2029	Kahuku Training Area	5-8-02: 02 5-9-06: 26	1,149.720	C - Federal	1.00 Full Term
(D)S-3864	University of Hawaii	7/01/65-6/30/2030	Kaakaukukui, Honolulu	2-1-58	6.071	U - Eleemosynary	1.00
(D)S-3896	Hawaiian Electric Co., Inc. & Hawaiian Telephone Co.	3/11/65-3/10/2030	Overhead easement over Por. E.O. 1346, Kapalama, Honolulu	1-5-42	.115	U - Right of way	75.00
(D)S-3897	Hawaiian Electric Co., Inc.	3/11/65-3/10/2030	HHL, Nanakuli	8-9-07	2.164	U - Right of way	84.00
(D)S-3898	Hawaiian Electric Co., Inc. & Hawaiian Telephone Co.	3/11/65-3/10/2030	Makiki For. Ridge Lots, Honolulu	2-5-23: 08, 21, 25 & 35	.079	C - Right of way	50.00
S-3899	First Hawaiian Bank	3/11/65-3/10/2030	Auwaiolimu Lots, Honolulu	2-2-06: 25	.299	U - Right of way	600.00
(D)S-3900	Hawaiian Electric Co., Inc. & Hawaiian Telephone Co.	3/11/65-3/10/2030	Kuwili, Kapalama-Kai, Honolulu	1-5-14	.118	U - Right of way	73.00
(D)S-3901	Hawaiian Electric Co., Inc. & Hawaiian Telephone Co.	3/11/65-3/10/2030	Kapalama, Honolulu	1-6-02	.006	U - Right of way	5.00
S-3902	Oahu Sugar Co., Ltd.	3/11/65-3/10/2005	Waipahu, Waikele	9-3-02 9-4-11 9-4-13 9-4-14	.262	C - Right of way	70.40
(D)S-3903	Hawaiian Telephone Co.	3/11/65-3/10/2030	Diamond Head Tunnel, Kapahulu, Honolulu	3-1-42	.959	U - Right of way	1.00
(D)S-3904	Hawaiian Electric Co., Inc. & Hawaiian Telephone Co.	3/11/65-3/10/2030	Kalihi-Waena School, Honolulu	1-3-08	.418	U - Right of way	205.00
(D)S-3905	Hawaiian Electric Co., Ltd.	3/11/65-3/10/2030	Laelae, Kalihi Valley, Honolulu	1-4-22	.365	U - Right of way	50.00
(D)S-3906	Hawaiian Electric Co., Ltd.	3/11/65-3/10/2030	Kapalama Bascule Bridge, Mokauea, Kalihi, Honolulu	1-5-41	.481	U - Right of way	200.00
S-3915	Assoc. of Apt. Owners of Sea View	6/21/65-5/20/2030	Kewalo, Honolulu	2-2-04	.043	U - Right of way	78.00
(D)S-3924	U. S. of America, Corps of Engineers (Army)	12/01/64-Indefinite	Battery Harlow, Fort Ruger, Honolulu		.003	U - Federal	1.00 Full Term
S-3951	Aloha Council, Boy Scouts of America	3/11/66-3/10/2021	Parcels A & B, Pupukea, Koolauloa	5-9-05 5-9-06	64.800	C - Eleemosynary	150.00
S-3978	Ralph Ajifu & Richard Azama	6/27/66-6/26/2031	Kaluapuhi-Waikalua Hmstds., Kaneohe	4-5-32: 02	.167	U - Right of way	30.00
S-3980	Esther K. Arinaga	6/27/66-6/26/2031	Makiki Ditch	2-4-29	.021	U - Right of way	36.00

METHOD OF DISPOSITION:

ANNUAL REPORT

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OAHU

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3981	Roy H. & Jane S. Aoki	6/27/66-6/26/2031	Por. Pauoa Valley	2-2-16	.012	U - Right of way	\$ 1.00
S-3982	Castle & Cooke, Inc.	6/27/66-6/26/2031	Kuwili, Kapalama-Kai, Honolulu	1-5-16	.090	U - Right of way	246.00
S-3983	Leki, Inc.	6/27/66-6/26/2021	Por. Old Waialea Boy's Home, Koolauloa	5-8-01	12.854	U - Business	6,324.00
S-3996	Y. Hata & Co., Ltd.	8/05/67-8/04/2022	Food Distribution Center, 1st Increment, Kaakaukui, Honolulu	2-1-58	4.146	U - Business	48,750.00
S-4014	Hawaii Little League Stadium	4/01/68-3/31/2033	Moanalua, Kalihi, Honolulu	1-1-03	6.190	U - Recreational	150.00
S-4017	Aloha Council, Boy Scouts of America	6/10/66-6/09/96	Reservoir Lot, Kaimuki, Honolulu	3-2-35	.657	U - Eleemosynary	150.00
S-4027	Communications Satellite Corp.	12/28/66-12/27/2031	Mt. Kaala, Por. Mokuleia For. Res., Waialua	6-7-03	.106	C - Business	330.00
(D)S-4094	City & County of Honolulu	4/24/67-4/23/2032	Kapahulu, Waikiki, Honolulu	3-1-42	.139	U - County	1.00 Full Term
(D)S-4096	University of Hawaii	9/01/67-8/31/77	Waimanalo	4-1-26: 02 & 21	127.282	A - Agriculture	Gratis
(D)S-4100	Army & Air Force Exchange Service	11/01/67-10/31/2032	Kaakaukui, Honolulu	2-1-58	2.500	U - Federal	1.00 Full Term
(D)S-4104	Hawaiian Electric Co., Inc.	4/15/66-5/28/2028	Kapahulu, Honolulu	3-1-42	.154	U - Right of way	10.00
S-4110	Hawaii Kai Community Services Co.	9/15/67-9/14/2032	Maunaloa	3-9-15	.650	U - Right of way	255.00
S-4113	Val's U-Drive, Inc.	10/10/67-10/09/2007	Moanalua	1-1-64: 08	.676	U - Industrial	10,900.00
S-4114	Bader's, Inc.	10/10/67-10/09/2007	Moanalua	1-1-06: 09	.909	U - Industrial	14,300.00
S-4115	Associated Masons, Ltd.	10/10/67-10/09/2007	Moanalua	1-1-64: 10	.946	U - Industrial	12,200.00
S-4116	Valdastri, Ltd.	10/10/67-10/09/2007	Moanalua	1-1-64: 11	1.010	U - Industrial	15,600.00
S-4117	Shafter Land Corporation	10/10/67-10/09/2007	Moanalua	1-1-64: 12	1.010	U - Industrial	15,300.00
S-4118	Economics Laboratory Inter., Ltd.	10/10/67-10/09/2007	Moanalua	1-1-64: 13	1.010	U - Industrial	16,400.00
S-4119	W. E. Fallon	10/10/67-10/09/2007	Moanalua	1-1-64: 14	1.094	U - Industrial	18,600.00
S-4120	Pacific Finance, Ltd.	10/10/67-10/09/2007	Moanalua	1-1-64: 15	.918	U - Industrial	15,500.00
S-4121	Emmett Paul Simpson	10/10/67-10/09/2007	Moanalua	1-1-64: 16	.918	U - Industrial	15,600.00
S-4122	Kakoi Properties	10/10/67-10/09/2007	Moanalua	1-1-64: 17	.507	U - Industrial	7,500.00
S-4123	Douglas K. Takata	10/10/67-10/09/2007	Moanalua	1-1-64: 18	.566	U - Industrial	9,600.00
S-4124	Sen Plex Corp.	10/10/67-10/09/2007	Moanalua	1-1-64: 19	.574	U - Industrial	9,100.00
S-4125	Oahu Development Corporation	10/10/67-10/09/2007	Moanalua	1-1-64: 20	.574	U - Industrial	9,600.00
S-4126	Headrick Development, Inc.	10/10/67-10/09/2007	Moanalua	1-1-64: 21	.574	U - Industrial	9,900.00
S-4127	Quality Sheetmetal Co., Ltd.	10/10/67-10/09/2007	Moanalua	1-1-64: 22	.574	U - Industrial	9,500.00
(D)S-4129	U. S. of America, Federal Aviation Administration	5/31/67-5/30/2032	Fort Ruger		.099	U - Federal	Gratis

METHOD OF DISPOSITION:

ANNUAL REPORT

LAND USE COMMISSION
LAND CLASSIFICATIOND - Direct award
All others by public auction

July 1, 1976 to June 30, 1977

GENERAL LEASES

OAHU

(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4131	Waianae Valley Ranch, Inc.	10/19/67-10/18/87	Waianae	8-5-06	1,272.000	A - Pasture	\$ 2,800.00
S-4132	Miyoshi Uchinaka	10/19/67-10/18/2032	Ewa	9-7-23	.010	U - Right of way	6.00
S-4216	Powerline Oil Co.	12/05/68-12/04/2033	Kapalama, Honolulu	1-5-34: Por. 04 & 08	.112	U - Right of way	915.00
S-4217	Ernest W. Albrecht	12/05/68-12/04/2033	Puea, Waianae	8-5-05: Por. 09	.612	A - Right of way	21.00
S-4218	Waipahu Soto Zen Temple Taiyoji	12/05/68-12/04/2033	Cemetery Lot, Puhala, Waikale, Ewa	9-4-27: 124	.229	U - Eleemosynary	12.00
(D)S-4220	University of Hawaii	1/29/69-1/28/2034	Kaimuki Tract 49, Kapahulu	3-2-31	8.053	U - Eleemosynary	Gratis
(D)S-4223	Hawaiian Telephone Co.	3/01/66-2/28/2031	Mt. Kaala, Mokuleia, Waialua	6-7-03: 24	.211	C - Right of way	300.00
S-4266	Mokuleia Ranch & Land Co., Ltd.	9/04/69-9/03/94	Kuaokala & Kealia, Waialua	6-8-02: 07 6-9-03: 02	1,884.695	A - Pasture	2,350.00
S-4267	John Kalawaiianui Nakoa	9/04/69-9/03/2034	Palolo Valley, Por. Anuenue Ele. School	3-4-04	.031	U - Right of way	31.17
S-4268	Hualalai Construction Co., Ltd.	9/04/69-9/03/2034	Moanalua, Honolulu	1-1-64	.051	U - Right of way	103.48
S-4290	Albert C. Kobayashi, Inc.	3/12/70-3/11/2010	Lot 1, Shafter Flats Ind. Dev., Unit III, Moanalua	1-1-64	.232	U - Industrial	7,200.00
S-4291	Bert A. Kobayashi	3/12/70-3/11/2010	Lot 2, Shafter Flats Ind. Dev., Unit III, Moanalua	1-1-64	.233	U - Industrial	7,500.00
S-4292	Home Communications Services Corporation	3/12/70-3/11/2010	Lot 3, Shafter Flats Ind. Dev., Unit III, Moanalua	1-1-64	.527	U - Industrial	16,700.00
S-4293	Rite-Way Co., Ltd. & Quality Pacific, Ltd.	3/12/70-3/11/2010	Lot 4, Shafter Flats Ind. Dev., Unit III, Moanalua	1-1-64	.492	U - Industrial	15,900.00
S-4294	Hawaii Business Associates, Inc.	3/12/70-3/11/2010	Lot 5, Shafter Flats Ind. Dev., Unit III, Moanalua	1-1-64	.477	U - Industrial	16,200.00
S-4295	John B. Hamacher	3/12/70-3/11/2035	Kapahulu	3-1-48	.020	U - Right of way	85.00
S-4329	Thomas D. & Karen C. Perkins	5/19/70-5/18/2035	Por. Kalawahine, Honolulu	2-5-19: Por. 05	.033	U - Right of way	30.00
S-4329	Waiahole Irrigation Co., Ltd.	1/01/71-12/31/2000	Kahana, Koolaupoko	4-8-13: Por. 01 5-2-01: Por. 01	1,534.500	C - Water	32,600.00
(D)S-4337	Hawaii State Chapter of the American Red Cross	5/06/71-5/05/2036	Kapahulu, Waikiki	3-1-42	1.000	U - Eleemosynary	1.00 Full Term
S-4341	City & County of Honolulu	7/01/74-6/30/2039	Por. of Gov't land of Sand Island	1-5-41: Por. 03	50.000	U - County	Gratis
(D)S-4352	Hawaii Assoc. for Retarded Children	5/12/72-5/11/2037	Por. LP 8165, Part B, Por. LCA 8559-B, Apana 32, Por. land conveyed by Wm. Lunalilo & Por. Diamond Head Res.	3-1-42: Por. 30	2.243	U - Eleemosynary	120.00
(D)S-4356	Daughters of Hawaii	8/25/72-8/24/2037	Queen Emma House Res., Nuuanu Valley, Honolulu	2-2-34: 27 & Por. 28	2.160	U - Eleemosynary	150.00
S-4367	Vista Delmar	11/06/72-11/05/2037	Moanalua, Honolulu	1-1-63	.141	U - Right of way	75.38
S-4368	Hualalai Construction Co., Ltd.	11/06/72-11/05/2037	Shafter Flats Ind. Dev., Unit II, Moanalua, Honolulu	1-1-64: 26	.360	U - Right of way	276.92
S-4369	The Research Corp. of the University of Hawaii	11/01/72-10/31/2037	Lualualei, Waianae	8-6-01	14.352	U - Eleemosynary	1.00 Full Term

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GENERAL LEASES

OAHU

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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
(D)S-4384	U. S. Postal Service	6/29/73-6/28/2028	Honolulu	2-4-12 2-4-13	2.591	U - Business	\$ 29,400.00
S-4385	Del Monte Corp.	7/06/73-12/31/79	Pouhala Mauka, Pouhala, Waikale	9-4-12: 01, 02 & 03	578.265	A - Pineapple	36,515.00
S-4387	Lester McCoy Boys' Club dba Boys' Club of Honolulu	9/01/73-8/31/2023	Por. Washington Inter. School, Pawaa, Honolulu	2-3-26	.565	U - Eleemosynary	Gratis
(D)S-4390	U. S. of America (Army)	11/05/73-11/04/78	Lot 1103 B, adj. Hickam Air Force Base	1-1-02: Por. 04	10.000	U - Federal	Gratis
(D)S-4402	Hawaiian Telephone Company	4/04/72-4/03/2037	Nanakuli, Waianae	8-9-08: 04	.898	C - Right of way	250.00
(D)S-4403	Hawaii Housing Authority	9/20/74-9/19/94	Kuwili, Honolulu	1-5-07	1.452	U - Eleemosynary	Gratis
(D)S-4404	City & County of Honolulu, Honolulu Redevelopment Agency	8/23/74-8/22/2039	Par. 17, 20-22, Kukui Project, Honolulu	2-1-09	.143	U - County	Gratis
S-4405	Produce Center Development, Ltd.	7/19/74-7/18/2029	Kaakaukukui (Food Distribution Center) Honolulu	2-1-60: 09	9.522	U - Business	168,000.00
(D)S-4407	Pierco, Inc.	9/26/74-10/20/2027	Waimanalo, Koolau-poko	4-1-14: Adj. 06	1.729	C - Industrial	3,600.00
(D)S-4408	U. S. of America (Coast Guard)	10/30/74-10/29/2039	Kaakaukukui, Honolulu	2-1-57	.031	U - Federal	Gratis
(D)S-4411	Honolulu Community Theatre	8/18/74-8/17/2024	Kapahulu, Honolulu	3-2-20: 01	2.735	U - Business	1,800.00
S-4434	Honolulu Community Action Program, Inc.	12/28/72-12/27/83	Waianae-Kai Military Reservation, Waianae	8-5-02: 12	4.000	U - Business Recreational	Gratis
S-4435	University of Hawaii	7/01/75-6/30/2040	Diamond Head Res. Kapahulu, Oahu	3-1-42: 09	51.628	U - State	Gratis
S-4482	Waianae Hawaiian Heritage Cultural Center, Inc.	8/23/74-8/22/76	Por. of Gov't (Crown) land of Waianae, Waianae-Kai	8-5-18: Por. 01	1.154	U - Eleemosynary	1.00
S-4485	Inscon Development Company	10/30/75-10/29/2030	Hanakoe, Kawela, Koolauloa	5-7-01	214	U - Right of way	38.39
S-4487	Hawaii Wing Civil Air Patrol	1/01/74-12/31/2000	Puu-O-Hulu Tunnel Site & Roadway Easement, Luualua-lei, Waianae	8-7-06: 08 8-7-06: 29	5.981	C - Federal	Gratis
S-4488	University of Hawaii	2/23/73-2/22/2038	Por. Kapalama Mil. Res., Mokauea, Kalihi	1-5-41	16.069	U - State	Gratis
S-4513	Variety Club School & Special Education Center of Oahu	3/15/76-3/14/2040	Fort Ruger, Honolulu	3-1-42: Por. 30		U - Eleemosynary	120.00
S-4543	Kenneth Pratt	11/24/75-11/23/2040	Waialua	6-1-08: 03	.012	U - Right of way	430.00
S-4555	Department of Hawaiian Home Lands	10/01/76-3/31/91	Nanakuli	8-9-08: Por. 03	401.920	A - Pasture	1,190.00
S-4558	Harry M. S. Pong	4/11/77-4/10/2042	Hauula	5-4-07: Por. 2	.017	U - Right of way	450.00 Full Term
(D)S-5006	University of Hawaii	6/01/67-5/31/2032	Mt. Kaala, Moku-leia For. Reserve	6-7-03	.110	U - Industrial	Gratis
S-5013	First Church of Christ, Scientist	5/25/67-5/24/2032	Honolulu	2-4-08	.050	U - Eleemosynary	110.00
WAIMANALO AGRICULTURAL LEASES							
S-3753	Sidney G. U. Goo	12/02/63-12/01/83	Lot 2, Waimanalo Agr. Subd., Koolaula-poko	4-1-10: 31	3.429	A - Agriculture	355.00
S-3754	Chozen Kanetake	12/02/63-12/01/83	Lot 3, Waimanalo Agr. Subd., Koolaula-poko	4-1-10: 32	4.147	A - Agriculture	360.00

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S-3755	Ronald H. Deisseroth	12/02/63-12/01/83	Lot 4, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 33	5.106	A - Agriculture	\$ 350.00
S-3756	James Suenaga	12/02/63-12/01/83	Lot 5, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 34	5.193	A - Agriculture	290.00
S-3757	Raymond M. & Lily T. Kam	12/02/63-12/01/83	Lot 9, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 40	3.742	A - Agriculture	300.00
S-3758	Kazuto Yamada	12/02/63-12/01/83	Lot 10, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 41	4.094	A - Agriculture	350.00
S-3759	Kawahara Nursery & Landscaping Co., Ltd.	12/02/63-12/01/2008	Lot 11, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 42	4.486	A - Agriculture	375.00
S-3760	Kaname & Ethel H. Tanaka	12/02/63-12/01/83	Lot 12, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 43	4.635	A - Agriculture	390.00
S-3761	Philip P. Minn Nurseries, Ltd.	2/02/64-2/01/84	Lot 13, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 44	4.014	A - Agriculture	360.00
S-3762	Henry Hiroshi Miyamoto	2/02/64-2/01/84	Lot 14, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 46	5.137	A - Agriculture	420.00
S-3763	William K. & Charlotte K. Fuller	12/02/63-12/01/83	Lot 15, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 48	5.256	A - Agriculture	410.00
S-3764	Evergreen Nurseries, Inc.	12/02/63-12/01/83	Lot 16, Waimanalo Agr. Subd., Koo-laupoko	4-1-10: 20	3.228	A - Agriculture	295.00
S-3765	James I. & Patricia Hee Kuroiwa, Jr.	12/02/63-12/01/83	Lot 25, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 30	7.787	A - Agriculture	560.00
S-3766	Rodney H. & Iris T. Fukui	12/02/63-12/01/2000	Lot 26, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 29	7.001	A - Agriculture	725.00
S-3767	Kazuto & Ayako Yamada	12/02/63-12/01/83	Lot 27, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 28	7.195	A - Agriculture	515.00
S-3768	Stanley S. Kawabata	12/02/63-12/01/83	Lot 28, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 27	6.836	A - Agriculture	515.00
S-3769	Mun On & Rosalind K. Chang	12/02/63-12/01/83	Lot 29, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 26	5.515	A - Agriculture	540.00
S-3770	Hiroshi & Sallie Ikene	12/02/63-12/01/83	Lot 30, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 25	5.794	A - Agriculture	430.00
S-3771	Samuel L. W. Kapahua	12/02/63-12/01/83	Lot 31, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 19	10.005	A - Agriculture	1,000.00
S-3772	Herbert M. Suzuki	12/02/63-12/01/83	Lot 32, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 18	6.521	A - Agriculture	1,300.00
S-3773	Estate of Lloyd W. Martin	12/02/63-12/01/83	Lot 34, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 11	9.565	A - Agriculture	650.00
S-3774	Katsumi Mashita	12/02/63-12/01/83	Lot 35, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 10	8.541	A - Agriculture	585.00
S-3775	Rainbow Properties, Inc.	12/02/63-12/01/83	Lot 36, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 09	8.860	A - Agriculture	600.00
S-3776	Howard E. & Naomi H. Chaille	12/02/63-12/01/83	Lot 37, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 12	8.513	A - Agriculture	490.00
S-3777	John Henry & Vivian Firth	12/02/63-12/01/83	Lot 39, Waimanalo Agr. Subd., Koo-laupoko	4-1-27: 08	7.883	A - Agriculture	515.00

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S-3778	Melvin Y. S. Chang	12/02/63-12/01/83	Lot 40, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 07	5.686	A - Agriculture	\$ 420.00
S-3779	James A. Nakano & Takashi Ishihara	12/05/63-12/04/83	Lot 41, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 06	6.032	A - Agriculture	435.00
S-3780	Chiharu Yoneda & Marion Freitas	12/02/63-12/01/83	Lot 46, Waimanalo Agr. Subd., Koolaulapoko	4-1-26: 19	6.705	A - Agriculture	300.00
S-3782	Peter A. & Gertrude Pak Chong	12/02/63-12/01/83	Lot 48, Waimanalo Agr. Subd., Koolaulapoko	4-1-26: 17	7.136	A - Agriculture	550.00
S-3783	Johnny & Pauline B. Castillo, et al.	2/05/64-2/04/84	Lot 1, Waimanalo Agr. Subd., Koolaulapoko	4-1-08: 30	11.092	A - Pasture	705.00
S-3784	Edward D. & Carroll Sultan, Jr.	12/02/63-12/01/83	Lot 22, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 20	19.481	A - Pasture	730.00
S-3787	Warren Q. K. & Eller S. P. Yee	12/02/63-12/01/93	Lot 7, Waimanalo Agr. Subd., Koolaulapoko	4-1-10: 38	3.536	A - Agriculture	245.00
S-3792	Elizabeth Heavey & Eleanor Kaleimomi McLellan	12/05/63-12/04/93	Lot 45, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 01	1.100	A - Agriculture	380.00
S-3793	Robert L. & Anna K. Ham	12/02/63-12/01/93	Lot 18A, Waimanalo Agr. Subd., Koolaulapoko	4-1-10: 06	6.490	A - Agriculture	950.00
S-3794	Abigail Kekaulike Kawanakoa	12/02/63-12/01/93	Lot 18B, Waimanalo Agr. Subd., Koolaulapoko	4-1-10: 05	5.744	A - Pasture	700.00
S-3854	Stewart L. & Arla Wagers Wade	8/10/64-8/09/84	Lot 47, Waimanalo Agr. Subd., Koolaulapoko	4-1-26: 18	5.492	A - Agriculture	550.00
S-3856	Fred M. & Toshiko Nakayama	8/10/64-8/09/84	Lot 9, Waimanalo Farm Lots, Koolaulapoko	4-1-24: 23	9.474	A - Agriculture	570.00
S-3858	Warren Q. K. & Ellen S. P. Yee	8/10/64-8/09/84	Lot 8, Waimanalo Agr. Subd., Koolaulapoko	4-1-10: 39	3.662	A - Agriculture	510.00
S-3859	Harry N. & Irene M. Okabe	8/10/64-8/09/84	Lot 56A & 56B, Waimanalo Farm Lots, Koolaulapoko	4-1-25: 22 & 23	8.923	A - Agriculture	580.00
S-3860	Yong & Helen Y. Kam	8/13/64-8/12/84	Lot 31, Waimanalo Farm Lots, Koolaulapoko	4-1-24: 62 & 63	9.862	A - Agriculture	640.00
S-3861	Nolan B. George	8/10/64-8/09/84	Lot 33, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 16	20.056	A - Pasture	900.00
S-4007	E. Kahi Farms, Inc.	9/12/66-9/11/86	Lot 23 & 24, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 23 & 24	34.538	A - Agriculture	1,000.00
S-4008	Walter F. L. & Evelyn Z. Chong	9/12/66-9/11/86	Lot 38, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 14	20.395	A - Agriculture	960.00
S-4009	Roy M. Shiraki	9/12/66-9/11/86	Lot 28, Waimanalo Farm Lots, Koolaulapoko	4-1-24: 54	9.454	A - Agriculture	800.00
S-4010	Arnold & Louise Swartz	9/12/66-9/11/86	Lot 67, Waimanalo Farm Lots, Koolaulapoko	4-1-18: 40	7.021	A - Agriculture	1,030.00
S-4011	Thomas R. & Matsuko Beveridge	9/12/66-9/11/96	Lot 43, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 04	1.032	A - Agriculture	420.00
S-4093	Victor & Harriet Towne Gega	3/20/67-2/19/97	Lot 44, Waimanalo Agr. Subd., Koolaulapoko	4-1-27: 02	1.002	A - Agriculture	450.00
S-4095	Olomana Golf Links, Inc.	5/04/67-5/03/2007	Waimanalo, Koolaulapoko	4-1-13: 10	129.859	U - Business	16,500.00

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(D)S-4096	University of Hawaii	9/01/67-8/31/77	Waimanalo, Koolau-poko	4-1-26: 02 & 21	127.282	A - Agriculture	\$ Gratis
S-4101	Foremost Dairies-Hawaii, Ltd.	7/20/67-7/19/97	Waimanalo Agr. Subd., Koolaupoko	4-1-08: Por. 05 4-1-26: 04	195.810	A - Agriculture	8,100.00
S-4133	Henry A. & Betty Jo Gomes	10/26/67-10/25/87	Waimanalo Agr. Subd., Koolaupoko	4-1-26: 15	8.450	A - Agriculture	2,000.00
S-4296	Max & Alice Curameng	3/12/70-3/11/90	Waimanalo Agr. Subd., Koolaupoko	4-1-10: 07	11.001	A - Agriculture	2,010.00
S-4297	Frederick A. & Helen Y. T. Wong	3/12/70-3/11/90	Waimanalo Agr. Subd., Koolaupoko	4-1-10: 04	14.054	A - Agriculture	4,400.00
S-4298	Fred Texeira & Frank Carvajal	3/12/70-3/11/90	Waimanalo Agr. Subd., Koolaupoko	4-1-10: 03	15.587	A - Agriculture	3,600.00
S-4305	Francis Y. Yoshida	5/19/70-5/18/2035	Waimanalo, Koolau-poko	4-1-10: 74	.049	A - Right of way	3.30
(D)S-4321	The Valiants	9/24/71-9/23/2036	Waimanalo Agr. Subd., Koolaupoko	4-1-10: 02	20.062	A - Eleemosynary	120.00
(D)S-4342	HCHA-Waimanalo Apartments	12/22/71-12/21/2046	Parcel A, Por. Gov't. Crown Land	4-1-32	3.536	U - Eleemosynary	1.00 Full Term
(D)S-4399	Waimanalo Residents Housing Development Corp.	3/01/74-2/28/2039	Waimanalo, Koolau-poko	4-1-09 4-1-12	25.000	U - Residential	1.00 Full Term

FOURTH LAND DISTRICT

Island of Kauai

GENERAL LEASES -- SUMMARY, FOURTH LAND DISTRICT, June 30, 1977

Use	Area (Acres)	Annual Rental	No. Leases
Agriculture	6,907.120	\$ 129,293.20	42
Business.	39.817	53,864.23	24
Cane*	29,620.218	451,370.00	3
County.	13.577	---	3
Eleemosynary.	42.743	4,441.00	5
Federal	447.570	1.00	4
Fishpond.	---	---	---
Industrial.	9.528	9,595.00	3
Pasture	839.442	12,595.64	28
Pineapple	---	---	---
Recreation.	6.567	305.00	2
Residential.	111.960	26,135.85	118
Rights of Way	143.333	3,000.32	17
State Agencies.	---	---	---
Waste	---	---	---
Water Licenses, etc.	131.250	98,400.00	3
TOTALS	38,313.125	\$ 789,001.24	252

* All contributory lands included in cane. Some pasture, rights of way & waste included in the primary lease under cane.

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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
3577	Brewer Properties, Inc. & CB Kilauea, Inc. dba Kilauea Plantations	1/01/59-12/31/79	Papaa, Hanalei	5-1-01: 01	7.120	C - Right of way	\$ 200.00
S-3625	Manuel S. Andrade	3/15/61-3/14/81	Kalaheo Reservoir No. 6, Kalaheo Hmstds., Koloa	2-4-03: 17	7.340	A - Pasture	36.00
S-3629	Subramuniya Yoga Order	3/15/61-3/14/86	Adj. to Lot 30, Wailua Hmstds., Puna	4-2-02: 114	2.960	C - Recreational	180.00
S-3641	William K. Medeiros	8/08/61-8/07/81	Omao Hmstds., Koloa	2-7-04: 11 & 12	5.916	A - Pasture	175.00
S-3645	Masao Takatsuki	5/11/61-5/10/81	Wailua Pasture Lands, Puna, Kawaihau	4-1-09: 05	8.970	A - Pasture	251.00
S-3646	Samuel Thronas	5/11/61-5/10/81	Wailua, Puna	4-1-09: 20	25.670	A - Pasture	400.00
S-3649	Francis M. F. & Dorothy K. Ching & Michael J. K. Ching	5/11/61-5/10/91	Lawai Hmstds., Koloa	2-5-05: 04, 05 & 06	7.540	A - Pasture	421.00
S-3650	August Aguiar	7/09/61-7/08/91	Kapaa Rice & Kula Lots, Kapaa, Puna	4-5-05: 06	1.871	A - Agriculture	180.00
S-3651	Harrison Kauai Johnson	7/09/61-7/08/81	Kapaa Hmstds., Puna	4-6-04: 13	5.750	A - Pasture	435.00
S-3666	William E. & Evelyn P. O. Fernandes	10/16/61-10/15/91	Hanalei Hmstds., Hanalei	5-4-02: 34 & 38	13.640	A - Agriculture	175.00
S-3667	Tsutaoka Okasako	9/01/61-8/31/81	Kapaa Hmstds., Kawaihau, Puna	4-6-08: 01	21.400	A - Agriculture	560.00
S-3671	David William Alexander	4/14/61-4/13/81	Kokee State Park, Waimea	1-4-04: 32, 73 & 74	1.857	U - Business	276.00
S-3674	William E. Fernandes	12/18/61-12/17/86	Wailua Rice & Kula Lots, Kawaihau, Puna	4-2-03: 05	4.406	U - Business	250.00
S-3675	Hirumu & Toneyo Takeuchi Choriki	2/15/62-2/14/83	Hanapepe Town Lots, Waimea	1-9-10: 35	1.370	U - Residential	600.00
S-3676	Manuel S. Andrade	2/15/62-2/14/82	Hanapepe Valley, Waimea, Kona	1-8-05: 01	46.250	A - Pasture	180.00

METHOD OF DISPOSITION:

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(A) - Agriculture
(C) - Conservation
(R) - Rural
(U) - Urban

KAUAI

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3678	Kekaha Sugar Co., Ltd.	12/18/61-12/17/81	Waimea Valley	1-5-03: 15	3.700	A - Pasture	\$ 48.00
S-3679	William K. Lemn	12/18/61-12/17/91	Anahola Lots, Koolau	4-8-08: 32	2.610	U - Residential	240.00
S-3680	Lihue Plantation Co., Ltd.	12/18/61-12/17/86	Wailua Rice & Kula Lots, Wailua, Puna	3-9-02: 09	5.430	A - Agriculture	220.00
S-3690	Manuel S. Andrade	1/27/62-1/26/82	Kalaheo Hmstds., 2nd Series, Koloa, Kona	2-3-07: 13	32.546	A - Pasture	367.48
S-3691	Joseph S. Brun	3/27/62-3/27/82	Weliweli, Koloa, Kona	2-8-22: 05 & 06	73.258	A - Pasture	264.16
S-3692	August Aguiar	1/27/62-1/26/82	Kapaa Agr. Lots, Kawaihau, Puna	4-3-04: 01 & 14	66.280	A - Pasture	3,301.00
S-3693	McBryde Sugar Co., Ltd.	1/27/62-1/26/82	Hanapepe Rice & Kula Lots, Hanapepe Valley, Waimea, Kona	1-9-03: 10	4.037	A - Agriculture	104.00
S-3694	Shoichi Nagamine	1/27/62-1/26/82	Hanapepe Valley, Waimea, Kona	1-9-03: 06	7.826	A - Agriculture	190.00
S-3704	James Kazuma Oshita	6/01/62-5/31/82	Anahola Lots, Kawaihau, Koolau	4-8-11: 20 & 25	2.420	A - Agriculture	51.00
S-3705	Manuel S. Andrade	5/02/62-5/01/82	Wailua Rice & Kula Lots, Wailua, Puna	3-9-04: 08	8.280	A - Pasture	200.00
S-3706	Waimea Sugar Mill Co., Ltd.	5/02/62-5/01/82	Waimea Valley, Kona	1-5-03: 13	7.410	A - Cane	45.00
S-3707	Manuel Andrade, Jr.	7/01/62-6/30/82	Hanapepe Valley Pasture land, Waimea, Kona	1-8-05: 21	45.242	A - Pasture	198.00
(D)S-3711	County of Kauai	11/15/62-11/14/2027	Hanapepe, Waimea, Kona	1-9-03: 23 1-9-04 1-9-11 1-9-12	10.426	A - County	Gratis
(D)S-3713	County of Kauai	11/15/62-11/14/2027	Abandoned WW II Underground Tunnel, Puuopae, Waimea, Kekaha & Hanapepe Valley	1-2-02 & Por. 01 1-8-07 & Por. 03		A - County	Gratis
S-3733	Konko Kyo Church	2/25/63-2/24/93	Hanapepe Rice & Kula Lots, Hanapepe, Kona	1-9-12: 13	1.840	A - Eleemosynary	240.00
S-3734	Tokiwa Shimonishi (Mrs.)	2/25/63-2/24/83	Hanapepe Town Lots, Waimea, Kona	1-9-10: 37	.097	U - Business	455.00
S-3735	McBryde Sugar Co., Ltd.	4/26/63-4/25/83	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-12: 28	7.218	A - Agriculture	760.00
S-3736	Susumu Nakamura	4/26/63-4/25/83	Anahola Gov't. Remnant, Parts 1 & 2, Kawaihau, Koolau	4-8-12: 04 & 06 4-8-13: 13	3.090	A - Pasture	122.00
S-3737	Island Holidays, Ltd.	2/25/63-2/24/83	Wailua, Kawaihau, Puna	4-1-03: 05 & 17	15.689	U - Business	1,500.00
(D)S-3795	Hawaiian Telephone Co.	11/26/63-11/25/2013	Hanapepe & Puu Ka Pele, Waimea, Kona	1-9-03: Por. 30 1-4-01: 02	1.042	A - Right of way	172.00
S-3798	George B Fernandes	11/26/63-11/25/83	Por. Wailua, Kawaihau, Puna	4-1-09: 08	13.227	A - Pasture	75.00
S-3799	Hitoshi Miyabara	11/26/63-11/25/83	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-12: 37	2.430	A - Agriculture	97.20
S-3800	Noboru Munechika	1/25/64-1/24/84	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-02: 06 & 07	2.930	A - Agriculture	355.00
S-3801	Clarence K. Nonaka	1/25/64-1/24/84	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-01: 03	4.952	A - Agriculture	97.00
S-3802	Hanako A. Duarte (Mrs.)	1/25/64-1/24/84	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-01: 14	6.100	A - Agriculture	725.00

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S-3804	Toraji & Chuichi Oshima	11/26/63-11/25/83	Anahola Lots, Kawaihau, Koolau	4-8-06: 26	1.357	A - Agriculture	\$ 256.00
S-3814	Olokele Sugar Co., Ltd.	4/13/64-4/12/84	Sections A, B, C & D, Hanapepe, Waimea, Kona	1-8-06: 02 1-8-07: 03 & 10 1-8-08: 20	1,888.050	A - Cane	37,525.00
S-3815	Joseph S. Brun & Joseph Rita	6/12/64-6/11/84	Section E, Hanapepe, Waimea, Kona	1-8-06: 03	287.130	A - Pasture	810.00
S-3827	East Kauai Water Co., Ltd.	5/11/64-5/10/94	Drainage Basins of N. Wailua, Kapaa, Anahola & Hanalei Rivers, Kapaa, Haleleale	4-6-03		C - Water	90,000.00
S-3828	Lihue Plantation Co., Ltd.	5/11/64-5/10/94	Por. Moloaa For. Res., Papaa, Moloaa, Kawaihau	4-9-10	125.000	C - Water	2,400.00
S-3829	Chiyeko K. Yoshii & Robert A. Lemn	5/11/64-5/10/84	Por. abandoned Maia Rd. & Lihue Plantation R/R R/W, Kawaihau	4-8-07: 11 4-8-08: 01 & 16	4.642	A - Agriculture	155.00
S-3830	Robert Y. & Shimayo Y. Hamamura	5/11/64-5/10/84	Anahola Lots, Kawaihau	4-8-11: 16, 35 & 36	2.214	A - Agriculture	70.00
S-3831	Kauai Resort Hotel	5/18/64-5/17/2029	Wailua Resort Site, Lihue	3-9-06: 16	2.497	U - Business	10,500.00
S-3832	Ichiji & Masako Matsumura	5/18/64-5/17/2019	Por. Kapaa, Kawaihau	4-5-11: 46	.593	U - Business	1,890.00
S-3840	Kauai Resort Hotel, Inc.	7/06/64-7/05/2029	Wailua Resort Site, Wailua	3-9-06: 20	6.093	U - Business	18,000.00
S-3842	Bank of Hawaii	7/06/64-7/05/94	Hanapepe Town Lots, Waimea	1-9-05: 49	.452	U - Business	1,500.00
(D)S-3852	U. S. of America (Navy)	8/20/64-8/19/2029	Bonham Air Force Base, Kona		189.557	U - Federal	1.00 Full Term
(D)S-3863	Kauai County, Y.W.C.A.	4/01/65-3/31/2020	Por. Kokee Camp Sites, Waimea	1-4-04: 33	3.607	C - Recreational	125.00