

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
REPORT TO THE GOVERNOR
1981-82



BOARD OF LAND AND NATURAL RESOURCES

The department of land and natural resources shall be headed by an executive board to be known as the board of land and natural resources. The department shall manage, administer, and exercise control over public lands, the water resources, and minerals and all other interests therein and exercise such powers of disposition thereof as may be authorized by law. The department shall also manage and administer the state parks, historical sites, forests, forest reserves, fisheries, wildlife sanctuaries, game management areas, public hunting areas, natural area reserves, and other functions assigned to it by law.

—*Hawaii Revised Statutes*
Section 173-3.



Takeo Yamamoto

Stanley Hong

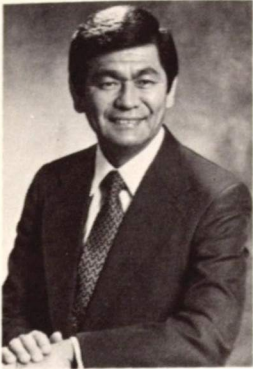
Thomas S. Yagi

Roland Higashi

Susumu Ono
Chairman

J. Douglas Ing

GEORGE R. ARIYOSHI
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
P. O. BOX 621
HONOLULU, HAWAII 96809

January 24, 1983

SUSUMU ONO, CHAIRMAN
BOARD OF LAND & NATURAL RESOURCES

EDGAR A. HAMASU
DEPUTY TO THE CHAIRMAN

DIVISIONS:
AQUACULTURE DEVELOPMENT
PROGRAM
AQUATIC RESOURCES
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

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

Dear Governor Ariyoshi:

This is our Annual Report for Fiscal Year 1981-82. The Report will show the many tasks carried out by our department during the year.

We have promoted economic activity by developing water sources and agricultural parks, by lending technical assistance on fisheries resources, aquaculture and biomass for alternate energy, and by providing State lands and waters for appropriate recreation and resort uses.

We have not neglected our stewardship of the State's natural resources and environment. This report names new natural area reserves and marine life conservation districts. Work in propagating and preserving native and endangered species and in protecting and restoring historic sites is steadily advancing.

We continue to work with other public agencies in a number of ways. We prepared four of the State's twelve functional plans and participated in preparation of others. We acquired the 1.5 acre St. Augustine School property in Waikiki for a social and health services center. Of some \$8.0 million in revenues from State land, about \$1.1 million was transferred to the Office of Hawaiian Affairs, and nearly \$0.8 million to the Department of Hawaiian Home Lands.

We appreciate the support and guidance you have given us during the fiscal year and in years past. We also acknowledge the assistance provided us by the Legislature.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Susumu Ono".

SUSUMU ONO
Chairman and Member
Board of Land and Natural Resources

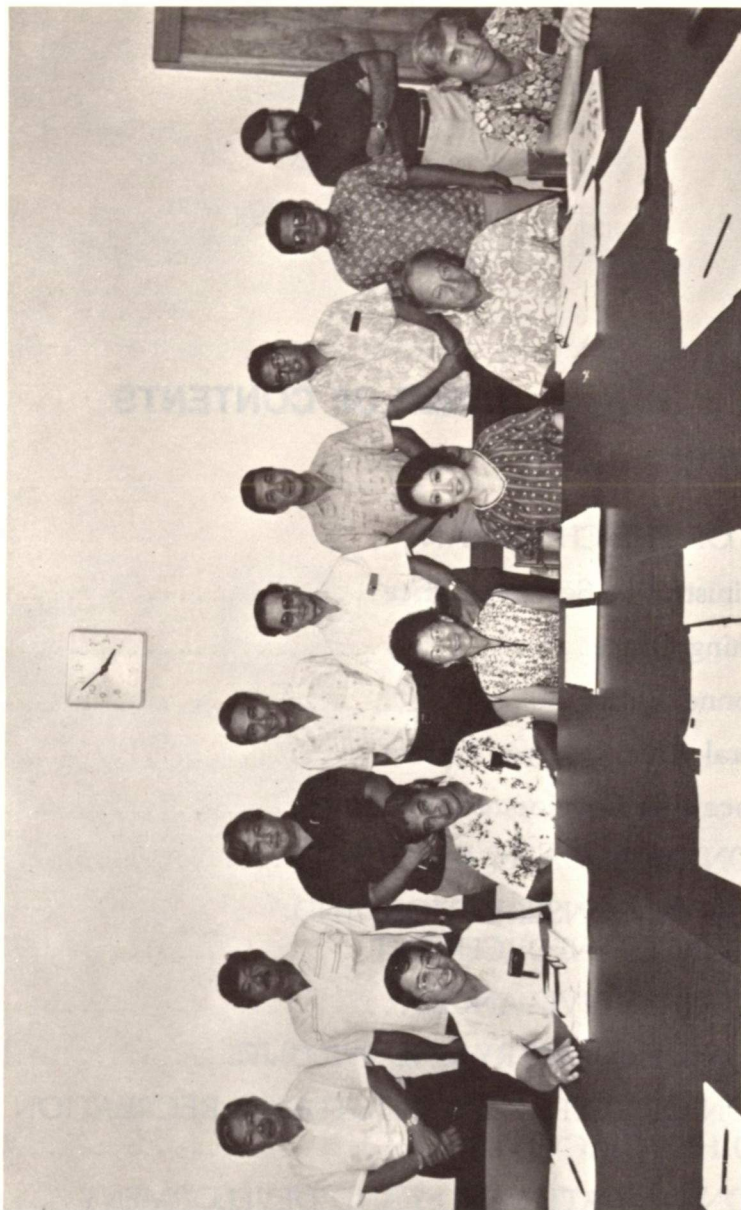
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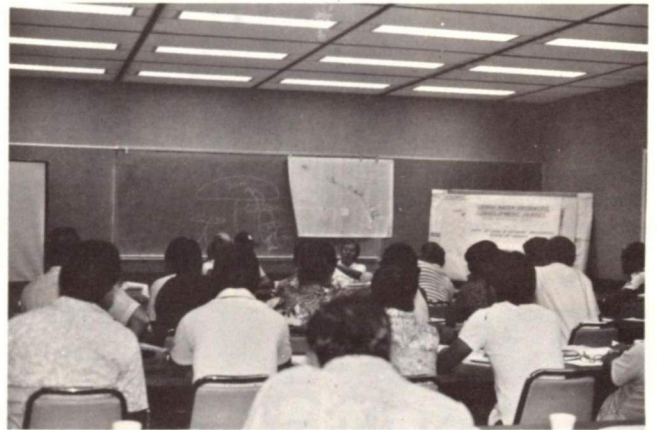
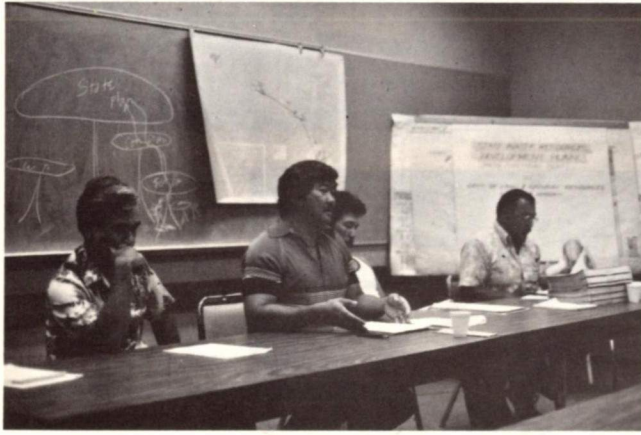
DEPARTMENT OF LAND AND NATURAL RESOURCES

Susumu Ono	Chairman
Edgar A. Hamasu	Deputy to the Chairman
Melvin Young	Personnel Officer
Tamotsu Takekawa	Fiscal Officer
Gordon B. H. Soh	Planning Coordinator
Robert Lee	Executive Secretary, Natural Area Reserves System Commission
Roger C. Evans	Planner, Conservation District
Charles F. Neumann	Registrar, Bureau of Conveyances
Libert K. Landgraf	Administrator, Division of Forestry and Wildlife
Henry M. Sakuda	Administrator, Division of Aquatic Resources
Robert T. Chuck	Manager-Chief Engineer Division of Water and Land Development
Roy K. C. Sue	Administrator, Division of State Parks, Outdoor Recreation and Historic Sites
James J. Detor	Administrator, Division of Land Management
Maurice M. Matsuzaki	Chief, Division of Conservation and Resource Enforcement



Standing: Ono, Matsuzaki, Soh, Chuck, Sakuda, Landgraf, Nagata, Lee, Corbin.
Seated: Hamasu, Neumann, Oda, Furuuchi, Detor, Evans.

ANNUAL MEETING



STATE FARM FAIR



OFFICE OF THE CHAIRMAN

ADMINISTRATIVE SERVICES OFFICE

The Administrative Services Office provides general support, internal management, and fiscal services to the Chairman and members of the Board, and to the staff and operating units of the Department. It also provides specialized liaison services with the Department of Budget and Finance, the Department of Accounting and General Services, and certain federal agencies. This office also provides internal audit functions by reviewing lessees' accounting records to ensure compliance with rental terms specified in the lease agreements.

General Fund Revenues

The Department collected and transferred to the State General Fund revenues from various sources amounting to \$9,236,530 for the fiscal year ended June 30, 1982. Major revenue sources generated by the Department are shown below:

Source of Revenues	Amount
Lease and Rental of State Land and Water Licenses	\$ 5,429,084
Conveyance Tax	1,452,976
Recording of Legal Instruments	1,172,460
Various Rentals and Concession Income in State Parks	643,602
Federal Indirect Cost Recoveries and Grants	198,824
Hunting and Fishing Licenses	133,311
Refunds and Reimbursements of Prior Year Expenditures and Vacation Credits from Other Agencies	132,444
Fines—State Conservation District Use Violations	30,500
Sales of Forestry Products	11,273
Various Fees Relating to Public Land	10,803
Fees—Conservation District Use Application and Public Hearing	5,475
Others	15,778
TOTAL	\$ 9,236,530

Native Hawaiian Rehabilitation Fund

As provided by the State Constitution, 30 percent of the State receipts derived from the leasing of cultivated sugarcane land or from water licenses were transferred to the Native Hawaiian Rehabilitation Fund. The amount transferred to the fund for the fiscal year ended June 30, 1982 amounted to \$657,675. The total amount transferred to the fund since the 1978 Constitutional Amendment was \$2,810,943 as of June 30, 1982.

Office of Hawaiian Affairs

Act 273, SLH 1980, provides that 20 percent of all funds derived from the public land trust described in Section 10-3, HRS, be transferred to the Office of Hawaiian Affairs. Funds are transferred on a quarterly basis. The amount transferred to OHA during the 1981-82 fiscal year was \$1,117,005. This includes \$1,108,635 from State land revenues and \$8,370 from State Park concessions. The total transferred to OHA since the approval of Act 273, SLH 1980, amounted to \$2,670,940.

PLANNING OFFICE

Conservation District Administration

The Department is responsible for the review and approval of land uses in Conservation District. The Conservation District covers approximately 45 per cent of the State's land area and all submerged lands within the State's territorial jurisdiction.

During fiscal year 1981-82, the land use review procedure for major departmental projects on Conservation lands was streamlined. Its implementation is expected to commence during the 1982-83 fiscal year. A single master application form covering several major projects will be established. The development of the form itself is to be implemented in fiscal year 1982-83.

During the course of the year, 109 land use applications were processed. The Board held public hearings on twenty-nine (29) issues; a two-fold increase over the previous year. Seven temporary variances and five amendments to previous applications were also acted on by the Board. Major applications acted upon included the H-3 Freeway on Oahu, research using traditional Hawaiian methods on Molokai, and expansion of land use at Waimea Falls on Oahu. This period also saw the Board's previous land use decision at Hanawi Stream on Maui sustained by the Hawaii Supreme Court.

Implementing last year's policy streamlining permit procedures for commercial filming and photography operations on State lands, thirty (30) permits were processed, each within a forty-eight hour period, thus minimizing the review period.

Public awareness of administrative rules and regulations was increased with major enforcement actions occurring at Poipu Beach and Haena, Kauai; Hanauma Bay and Tantalus, Oahu; as well as Pelekunu Valley, Molokai. Overall, the Department considered sixty-eight (68) complaints, of which eleven (11) were resolved.

Coordination of Departmental Review

During the year, the Department reviewed 15 environmental impact statements (EIS), 4 draft EIS's, 9 environmental assessments, 14 EIS Preparation notices, and two negative declarations. In addition, 38 clearinghouse reviews were made to determine if various federal-aid projects had any effect on departmental activities.

The Planning Office also coordinated the review of 4 county planning measures, one urban design proposal, 6 land use developments, one coastal zone permit application, and federal projects and permit applications.

State Conservation Lands Plan

During the year, the functional plan for Conservation Lands was revised. The Conservation Lands Plan is one of a number of plans covering State functions required by the Hawaii State Planning Act. It is a critical link between the broad statements of community aspirations and expectations found in the Hawaii State Plan and the workaday activities and projects of the conservation function. The heart of the plan is made up of a list of management's expectations (policies) and a "job jar" containing things to do (implementing actions).

In the revision, the objects were reduced in number; they were also restated more broadly. Redundant policies were removed. Possible duplications with other functional plans were checked out in topical areas such as watersheds, historic sites, and air and water quality. To increase readability, the plan was condensed largely by reformatting, restating objectives, and eliminating redundancies.

PERSONNEL OFFICE

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

Major services include guidance and technical assistance in position classification, employee relations, and employee train-

ing and development. The Office maintains a centralized system for processing, recording, reporting, and filing the personnel transactions and records of all employees. The Personnel Office prepares and makes recommendations for the adoption of personnel policies and procedures within the department.

A portion of staff activities was allocated to meet the personnel-support requirements of 47 Federal Young Adult Conservation Corps (YACC) enrollees, 108 student hires, and 80 Youth Conservation Corps (YCC) participants.

SUMMARY OF PERSONNEL TRANSACTIONS

Fiscal Year 1981-82

Accessions	433
New Hires - Permanent	37
- Inter-Agency Transfer	13
New Hires - Limited Term Appointment	11
- TAOL	4
- Emergency	128
- Provisional	0
- Exempt	240
Separations	232
Resignation & Transfer (Permanent Employees)	15
Resignation & Transfer (Temporary Employees)	202
Retirement	15
Other Personnel Actions	1550
Promotion	15
Voluntary Demotion	4
Reallocation	33
Reclassification	0
Change in Title	0
Limited Term Promotion	20
Intra-Agency Transfer	16
Temporary Assignment	485
Extension - LTA	17
Extension - Exempt Appointment	88
Extension - Probational Appointment	0
Leave-Without-Pay (Child Care)	2
Leave-Without-Pay (Others)	22
Extension - Leave-Without-Pay	8
Name Change	1
Return to Former Position	12
Unauthorized Absence	9
Suspension	3
Change in Social Security Number	0
Change in New Salary Schedule	488
Hazard Pay Differential	252
Correction	75
Change in FTE	0

FILLED POSITIONS, BY DIVISIONS AND ISLANDS

AS OF JUNE 30, 1982 ^{1/}

Division	Hawaii	Oahu	Kauai	Maui	Molokai/ Lanai	TOTAL
Administration & Staff		45				45
Conveyances		40				40
Fish & Game ^{2/}	1	27	1	1	1	31
Conservation & Resources Enforcement	15	23	9	10	5	62
Forestry ^{3/}	46	23	18	17	3	117
Land Management	3	20	2	3		28
State Parks	45	88	20	10	1	164
Water & Land Development	5	44	1		3	53
TOTAL	115	320	51	41	13	540

^{1/} All full-time employees except student hires. Includes project funded and exempt employees.

Method of computation has been changed from that used in prior years.

^{2/} Undergoing reorganization. Excludes Wildlife Branch.

^{3/} Undergoing reorganization. Includes Wildlife Branch.

NATURAL AREA RESERVES SYSTEM

Hawaii's Natural Area Reserves System is now made up of eight reserves totaling 39,923 acres. Six of these were set aside by Governor's Executive Orders on November 16, 1981. These reserves, which were reported in the 1980-81 Annual Report, are located on Hawaii, Oahu, and Kauai.

In May 1982, the Board of Land and Natural Resources approved the Natural Area Reserves System Commission's recommendation to include six other areas in the reserve system:

Kauai			
Hono O Na Pali	3,150 acres	Mesophytic forest, 'ōhi'a rainforest	
Oahu			
Kaena Point	12 acres	Coastal dune vegetation	
Hawaii			
Puu O Umi	10,182 acres	Mesophytic forest, 'ōhi'a rainforest, montane bog	
Laupahoehoe	9,030 acres	'Ōhi'a rainforest	
Manuka	26,181 acres	Dryland and mesophytic forests, 'ōhi'a rainforest	
Kipahoe	5,670 acres	Mesophytic forest, 'ōhi'a and koa rainforests	

Governor's Executive Orders are being prepared to set aside these areas as Natural Area Reserves. Except for the Kaena Point reserve, the reserves are derived from Forest Reserves, essentially as proposed by the Division of Forestry and Wildlife.

With the reserves system substantially enlarged in number and acreage since the first two reserves were established in 1973 and 1974, more emphasis is being placed on the management phase of the program. An overall management plan for all Natural Area Reserves was drafted. The plan defines management objectives and policies to guide detailed operational planning of site-specific actions. A basic requirement of the policy plan is flexibility in managing an ecologically diverse system of reserves. Diversity aside, each Natural Area Reserve is to be managed on the basis of two principles:

(1) As the purpose of establishing the reserve is to preserve and protect the area's irreplaceable naturalness, natural processes are to be allowed to dominate and control the natural ecosystem.

(2) The indigenous naturalness is a resource to be utilized for esthetic, educational, and scientific values.

AQUACULTURE DEVELOPMENT PROGRAM

The Aquaculture Development Program (ADP) was established to encourage the development of Hawaii's aquaculture industry and implement the State Aquaculture Plan (published in November, 1978). At the beginning of 1981, ADP was transferred from the Department of Planning and Economic Development to the Department of Land and Natural Resources (DLNR) to consolidate State aquaculture activities and provide increased impetus for progress.

Hawaii has been widely recognized for its support of new and existing aquaculture farms, and the ADP has played an important role in State efforts to develop the industry. In 1982,

major program activities continued to be focused on three areas: 1) planning and coordination; 2) support services, including information collection and dissemination, species and site counseling, seafood marketing and economics, permit assistance, and disease diagnosis and prevention; and 3) research and development to increase the profitability of existing aquafarms and develop new species and systems.

Growth of the Industry

The value of the aquaculture industry and its economic impact on the State continued to grow despite a sluggish national economy. By the end of 1982, the product oriented commercial production sector approached \$3 million wholesale product value, an increase of 43 percent over 1981. There were 43 farms growing prawns, shrimp, catfish, carp, tilapia, oysters, and other species for local consumption and export. The service-oriented research training and technology transfer sector of the industry reached an estimated \$5 million in project value in 1982, for an increase of about 24% over 1981. Hawaii-based firms worked on projects in the mainland U.S., Central and South America, the Middle East, Asia and Southeast Asia, and various Pacific Islands.

Further expansion of both sectors in the coming years appears very promising. Several large-scale culture operations are about to begin or have begun pilot demonstration operations, which, if successful, will be followed by construction of full-scale commercial farms. Capital investments in these farms will exceed \$20 million, and anticipated production could have a wholesale value of over \$30 million. Other major developments are continuing site selection and capital accumulation activities. The project value of the research, training, and technology transfer sector is expected to double by 1985, as local consulting organizations take advantage of increasing Third World attention to enhanced aquaculture development and food production.

Planning and Coordination

The ADP continued to provide input into various national, State, and County planning or plan implementation efforts. These included the National Aquaculture Plan, the National Sea Grant Aquaculture Plan, the U. S. Department of Agriculture's Aquaculture Plan, State functional plans, aquaculture research facilities plans (the Tropical Aquaculture Center, the Natural Energy Laboratory of Hawaii Sea Coast Test Facility, and the Maui County Baitfish Facility), County aquaculture plans for Maui and Kauai, University and secondary-education curriculum planning, and various land-use plans throughout the State. In addition, the Program's staff presented papers at conferences which focused on the Pacific Basin and Hawaii ocean resource development issues. Close communication and liaison was maintained with the Pacific Basin Development Council and the East-West Center's Pacific Islands Development Program concerning their interests in using aquaculture as a tool for economic development.

Importantly, ADP assisted the State Department of Agriculture in securing a U. S. Department of Agriculture grant for \$146,000 to carry out a one-year regional aquaculture products marketing survey, which encompasses Hawaii and the Trust Territories, California, Washington, and Oregon. Also, ADP coordinated State public and private sector participation in a congressional fact-finding hearing on the status of aquaculture research and technology transfer by the House Committee on Science and Technology. Staff communicated frequently with colleagues in Federal, State, and County governments concerning State activities and future directions.

Support Services

The expansion of Hawaii's aquaculture industry has been accompanied by a rapidly increasing demand for information and assistance. Publications, lectures, exhibits, and "one-to-one" counseling were major activities in 1982. Requests for information on Hawaii's aquaculture activities were received from all over the world. Consistent with Hawaii's growing role as an international aquaculture technology development center, staff hosted or assisted in organizing tours of public and private sector aquaculture facilities for many out-of-State government and business interests from such countries as the Philippines, Taiwan, Mexico, Canada, Korea, Australia, New Zealand, Fiji, Israel, Malaysia, Indonesia, Japan, Saudi Arabia, and elsewhere. These exchanges of information help establish Hawaii's reputation as a leader in aquaculture development, and have demonstrated repeatedly that they can assist in developing business opportunities for local firms.

In 1982, through staff assistance, articles concerning Hawaii's growing aquaculture industry appeared in such publications as *Hawaii Business*, the *Los Angeles Times*, *Pacific Business News*, *Christian Science Monitor*, *Aquaculture Magazine*, *Salmonid*, and *Fish Farming International*. Assistance was also given to various television and radio shows, as well as a PEACESAT satellite program on prawn farming. *Aquaculture in Hawaii*, ADP's occasional information bulletin, was published twice in 1982. The mailing list of 1,200 is made up mostly of Hawaii residents, but also includes agencies and individuals in 42 foreign countries and U. S. territories, 24 states, and Washington, D. C.

Various exhibitions and lectures allowed the public to view the advances the aquaculture industry has made, and also offered them a chance to discuss aquafarming with ADP's staff. ADP provided exhibits to the Science/Energy Fair '82, the Hawaiian Aquaculture Exposition, the State Farm Fair, Future Farmers of America's Open Market '82, and the Scout Makahiki Fair. Photographs, slides, films, posters, and speakers were provided to a variety of community events and educational presentations.

ADP staff continued to assist the Hawaii Prawn Producers Association (HPPA) in various industry activities. Bi-monthly meetings were organized and meeting minutes sent out. The major marketing activities of 1982 were participation in the New Products and Food Show, advertising in the *Honolulu Magazine's All-Island Restaurant Guide*, and completion of a marketing survey of Hawaiian Prawn consumers. In addition, staff assisted industry participation in the Hawaiian Prawn Aquaculture Industry Analysis, which was published by the College of Tropical Agriculture and Human Resources and will be utilized to guide funding decisions.

Species counseling, site selection, and regulatory permit assistance represent a continuing and increasingly important service provided by ADP staff. Well over 100 groups or individuals seriously examining aquabusiness were counseled in 1982. Early staff input to the commercial developers, State and County agencies, and major landowners enabled project planning and feasibility studies to move forward. Staff interaction with various agencies assisted in allowing environmentally desirable aquaculture development activities to proceed with a minimum of delay, representing a major cost savings to the private sector.

The Aquaculture Disease Prevention Program continued to provide disease diagnostic services to the aquaculture com-

munity. The aquaculture veterinarian made over 100 trips into the field to discuss disease prevention and collect samples for laboratory analyses. In addition, disease program staff assisted Department of Agriculture personnel on matters pertaining to aquatic species importation and inter-island shipment. Staff were also active in coordinating and participating in various research projects being carried out in conjunction with the University of Hawaii and the industry. This work has resulted in several scientific publications and presentations, as well as publication of extension leaflets for the industry.

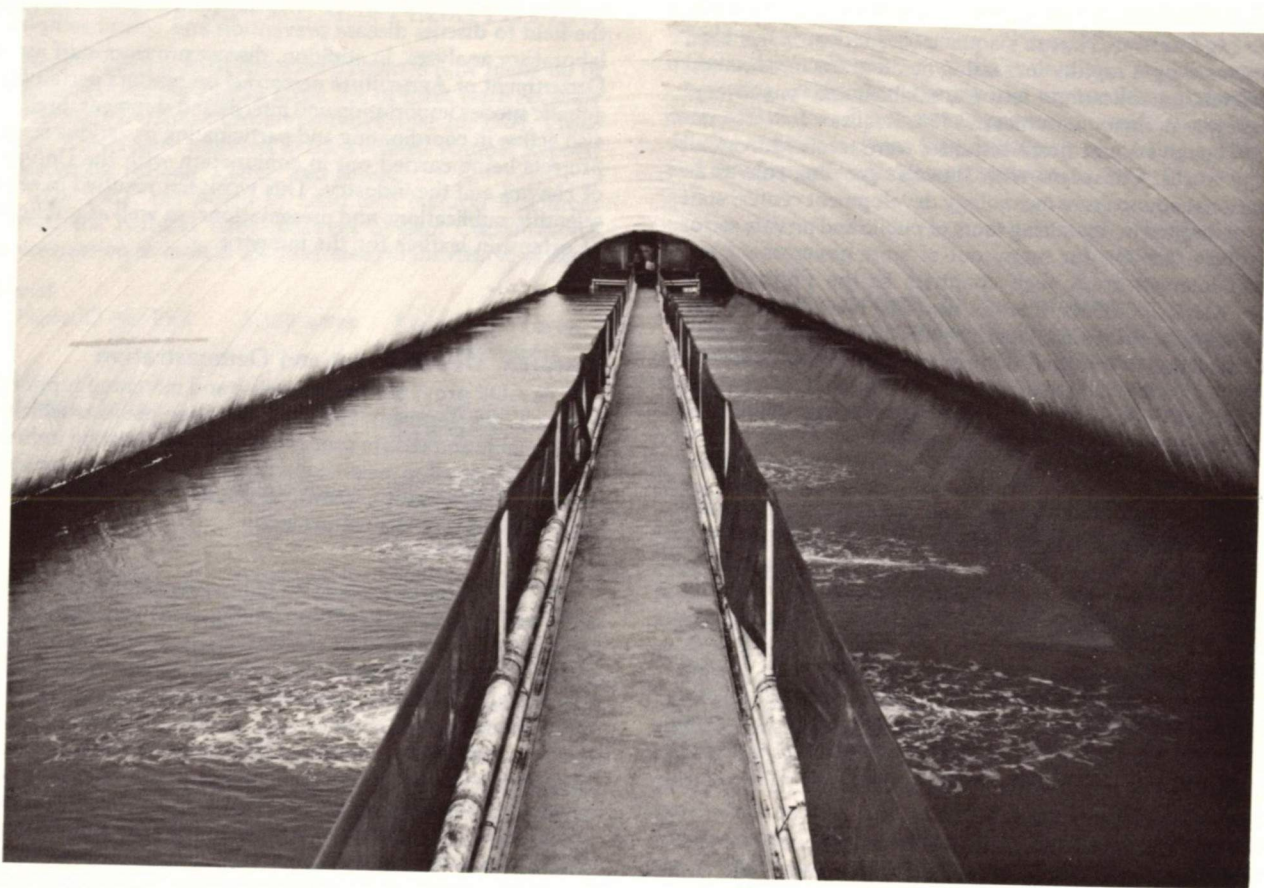
Research, Development and Demonstration

The ADP provides direct funding and matching support for research, development, and demonstration projects which improve yields and reduce production costs for existing industries and which develop new economically important species and systems. The program actively seeks non-State sources of support to share the cost of projects.

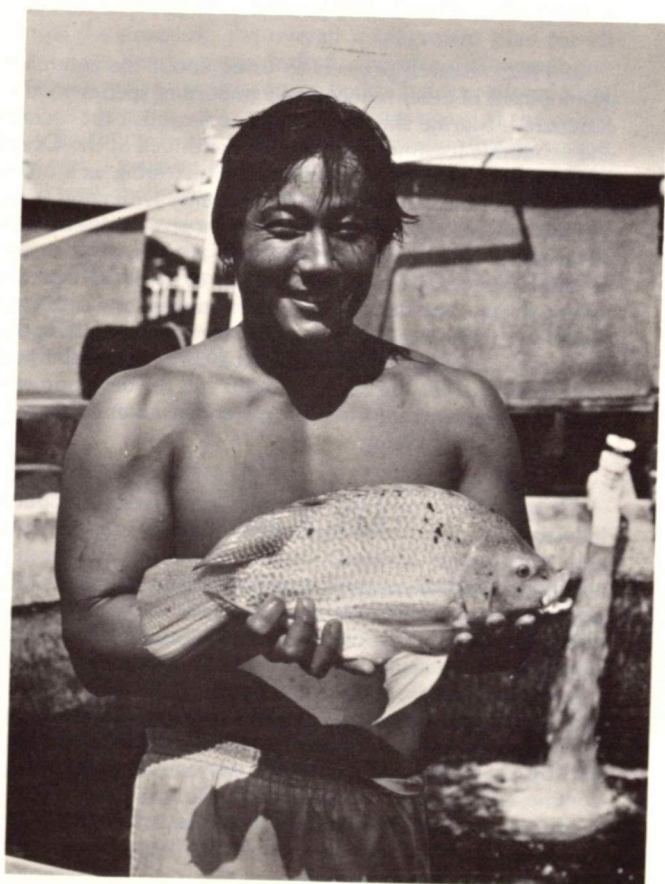
In 1982, research focused on improving production management and processing/handling techniques for Hawaiian prawns. Projects jointly funded by the University of Hawaii Sea Grant College Program assisted the industry in the areas of pond management, nutrition and feed management, disease prevention, controlled domestication, product handling, system development, and processing. Other projects which are jointly supported include continuation of a program to develop techniques for the backyard aquaculture of freshwater animals, continuation of a toxicological survey of shrimp and prawn production facilities and a short-term project to test the effects of low-energy pond aerators on production. In addition, a short-term project to identify and enumerate the naturally-occurring animals that populate prawn ponds was begun.

In 1982, research projects to bring about the commercial development of other economically important species were also conducted. Marine shrimp research to establish the technical and economic feasibility of farming continued at the Oceanic Institute. The culture of topminnows for testing as a baitfish for skipjack tuna continued in Maui County with good results, and the seaweed aquaculture development project was expanded to include a study of the feasibility of establishing a seaweed processing industry in Hawaii. A study of the local market for marine shrimp, seaweed, oysters, opihi, mullet, and catfish continued and initial results are available for several of the species. Projects successfully concluded during 1982 were the laboratory-scale closing of the life cycle for opihi and the development of pond management information for a Hawaiian fishpond on Mokauea Island, Oahu.

In summary, for 1982, Hawaii's commercial production industry has continued to expand and diversify in species grown and technologies utilized. Equally gratifying has been the accelerated and far-reaching activities of the research, training, and technology transfer sector. Federal efforts to implement the National Aquaculture Policy Act of 1980, and increasing world attention on aquaculture as a means to increase protein production, are cause for encouragement that, indeed, aquaculture has a major role to play in Hawaii's economic future. By promoting all sectors of the industry and all scales of development and by providing quality support services to assist fledgling commercial ventures in succeeding, the State can ultimately realize aquaculture's much-lauded potential, while playing a major role in food production and technology transfer for the Asian-Pacific Region.



The intensive controlled environment raceway culture system ("aquacell") of Marine Culture Enterprises is capable of culturing a hundred thousand pounds of marine shrimp per acre per year. A research program and commercial prototype project is presently being carried out on a 100 acre site at Kahuku.



Wayne Okamura, of Aquatic Farms, Ltd., Hakipuu, is holding a pond cultured "red tilapia." This new aquaculture species is being test-marketed at several Oahu restaurants.

DIVISION OF AQUATIC RESOURCES

The Division administers the State's programs in commercial fishery and aquaculture, aquatic resources and habitat protection, and aquatic recreation. It is concerned with the research, development and management of the State's fisheries resources. This task is carried out by the Division's Marine, Freshwater, and Aquaculture (Anuenue Fisheries Research Center) Sections, and an administrative support unit.

Major projects involve conducting fishery development and management oriented studies consistent with the interests of the State, providing technical assistance to aquaculture development, protecting native and other resident fish and aquatic species and their habitat, and providing opportunities and facilities for recreational fishing. Basic activities include maintaining of fish catch records, conducting angler creel census interviews, producing channel catfish and rainbow trout fingerlings to stock public recreational fishing areas, producing juvenile freshwater prawns for the prawn aquaculture industry, and assessing near shore aquatic resources in the Northwestern Hawaiian Islands and in the main Hawaiian Islands.

Major programs and accomplishments for fiscal year 1981-82 are presented as follows:

COMMERCIAL FISHERY AND AQUACULTURE PROGRAM

The Division conducts commercial fisheries development activities around the main Hawaiian Islands and the Northwestern Hawaiian Islands (NWHI). It gathers information on commercially important fish and shellfish species through surveys and commercial fish catch reports to determine the impact of harvesting on these resources, and to devise and adopt laws and rules to develop, manage, and protect the resource. Aquaculture techniques are developed for commercial scale production of freshwater prawn; pilot ponds and facilities are managed for research and demonstration purposes; and consultant and extension service (training of prospective aquaculturists) are provided interested parties.

Fisheries Development Unit

The unit assisted the Division in planning, coordinating and implementing a few major fisheries development projects such as: Midway Albacore Fishery, Statewide Fish Aggregating System, Northwestern Hawaiian Islands Commercial Bottomfish Surveys, and Fish Information Network System Design Study. The unit also continued to provide administrative support for the Hawaii Fisheries Coordinating Council.

Midway Albacore Tuna Fishery

Through the Division, arrangements were made with the U.S. Navy for refueling of two exploratory albacore fishing vessels at the Navy's Midway Naval Air Facility. Although Midway island was not used by the rest of the domestic albacore tuna fishing fleet this year, about 60 vessels (including 10 Hawaiian boats) fished the Midway area and to date have caught approximately 1,000 tons of albacore, most of which were landed in Honolulu.

Statewide Fish Aggregating System

Fishers reported catching 457,600 pounds of fish at the State's twenty-six fish aggregating devices (FADs). Fishers made at least 2,445 trips to the FADs and caught ahi or yellowfin tuna (190,500 pounds), aku or skipjack tuna (168,300 pounds), a'u

or marlin (47,400 pounds), and mahimahi or dolphinfish (29,200 pounds). These fish comprised 95 percent of the total poundage produced by the FADs during the fiscal year.

The fishing methods most frequently used around the FADs were: live-bait, pole-and-line by aku boats (35 percent of catch), handlining (32 percent of catch), and trolling (23 percent of catch).

An experimental subsurface FAD installed off Kaneohe, Oahu in August 1981 reportedly "produced" 16,300 pounds of fish for the local fishers. The average poundage around the FAD was 103 pounds per trip.

The fish aggregating system lost 23 FADs during the year. These losses were attributable to mooring line fatigue, tugboat towline cutting the mooring line, shark bite, and FAD swamping by rough ocean conditions.

In an on-going effort to improve the system, consultant ocean engineers for the Division designed a new FAD consisting of a single 58-inch diameter metal sphere. Three "sphere" FADs are being constructed and will be deployed soon to determine their effectiveness and durability.

Northwestern Hawaiian Islands Bottomfish Surveys

Three commercial fishing vessels — *KAIMI*, *WICKED WAHINE*, and *FERESA*—were contracted by the State in an effort to determine the economic viability of bottomfish resources in the Northwestern Hawaiian Islands. Between October 1981 and May 1982, the three vessels fished an area from Brooks Bank to Gambia Shoal, a distance of approximately 400 to 1100 nautical miles from the main Hawaiian Islands. The vessels caught more than 76,000 pounds of bottomfish during 96 days of fishing. The major bottomfish species caught were the opakapaka (8,300 pounds), the hapuupuu (19,700 pounds), the white ulua (30,000 pounds), the buta ulua (12,100 pounds) and the onaga (850 pounds) for an estimated value of \$107,000.

Two final NWHI bottomfish survey cruises are being planned for the Fall of 1982.



White ulua is one of the species indicating a potential for bottomfish fishery development in the Northwestern Hawaiian Islands.

Fishery Information Network (FIN)

The Division continued a study of its statistical fish catch report system with the objective of better meeting the data needs of Hawaii's fishing community. The study describes briefly the Hawaiian fisheries; basic data needs of the fishers; details of the Division's current data compilation system, and provides a set of recommendations for improving the system. A draft report of this federally-funded study has been prepared and a final report is expected to be distributed soon.

Hawaii Fisheries Coordinating Council

The 21-member Hawaii Fisheries Coordinating Council, which advises the Board of Land and Natural Resources on fisheries matters, met seven times during the year. Besides reviewing the State's fisheries program plans and policies, the council also discussed specific topics such as: fish aggregating devices, Hawaii's Pacific Tuna Development Foundation projects for FY 1982-83, Northwestern Hawaiian Islands resource management and jurisdiction, State Vessel Loan program, proposed Hawaiian Humpback Whale National Marine Sanctuary, and ciguatera fish toxin research.

A council meeting was held on the Island of Hawaii at Hilo to discuss the impact of manganese nodule mining upon the island's fisheries, small boat harbor development at Cape Kumukahi, and boat launch ramp facility at Pohoiki. Council members made field inspections to Cape Kumukahi and Pohoiki to meet with the local fishermen and learn about their problems. During the year council members also visited the Oceanic Institute at Makapuu Point, Oahu to find out about the Institute's ongoing mullet/milkfish baitfish and mahimahi culture projects.

Baitfish Culture Study

The Oceanic Institute (OI) at Makapuu Point, Oahu continued this study that was funded by the Department and the Pacific Tuna Development Foundation. During the year OI produced only 14,000 grey mullet, an amount that was too little with which to conduct baitfish seatrials. Vandalism of brood stock, equipment breakdown, delay in repairs, and storm damage at OI hindered larvae production. OI, however, was able to successfully carry out critical low water temperature/short photoperiod experiments resulting in reproductive development in the grey mullet. Also, OI was able to spawn milkfish indoors, a feat considered to be the first of its kind in the world.

Working with Maui County's topminnow baitfish culture project, live bait trials were conducted by an aku fishing vessel at the fish aggregating device off Hilo on the Island of Hawaii. Initial reaction of the commercial pole-and-line fishers after testing about 100 pounds of topminnow baitfish at the device and catching about 3,000 pounds of tuna is that topminnow shows promise as a supplement/substitute for nehu bait.

Shrimp Industry Development

South Pacific International Seafoods, Inc. continued a State-Pacific Tuna Development Foundation supported shrimp development project. During fiscal year 1981-82, commercial boats were contracted to conduct shrimp fishing operations around the main Hawaiian Islands and Northwestern Hawaiian Islands using trap-line methods. The shrimping trips were completed by late October 1981. The boats harvested a total of 66,000 pounds of *Heterocarpus* deepwater shrimp. These were market-tested in several forms: whole, peeled and deveined and packaged in a special vacuum skin. Results of the project are being evaluated.

Distant Water Longline Surveys

A project was devised to determine the economics of longline fishing for deep swimming tunas (yellowfin, bigeye, albacore, etc.) in waters beyond 400 miles South, North, West, and East of the main Hawaiian Islands during summer. Last year (1980-81), some 40 fishing days were completed by the *F/V KILAUEA*, resulting in landing 18,500 pounds of fish which sold for \$25,100. During fiscal 1981-82 the *F/V ANNA RILEY* was hired to continue surveys in areas farther than 400 miles to the East and West of the main Hawaiian Islands. Survey operations are tentatively scheduled for August and September 1982. An observer will accompany the chartered vessel to record data on catch, composition, and the fishing operation and to follow the landing through the fish auction to determine market prices.

Deep Bottomfish Surveys

Deep bottomfish surveys were initiated last year to investigate the fishery at depths greater than 150 fathoms. One deep bottomfish, the pomfret, showed potential. In fiscal year 1981-82, the Division continued to investigate development of the fishery, targeting for pomfret. Three local commercial bottomfishing vessels *F/V SEA VERSE*, *LYNELL*, and the *MARY I* were chartered which collectively spent 12 days of fishing in October and November, 1981, and in January and February, 1982. Fishing was done at depths ranging from 150-250 fathoms in the Penguin Bank area southwest of the Island of Molokai. Only seven pomfret averaging 15 pounds each were caught by the *F/V SEA VERSE*. Six of the seven pomfret were sold at the local fish auction for \$1.70 per pound. This price indicates that the pomfret, if available in greater numbers, can contribute to the local fishery as an additional resource.

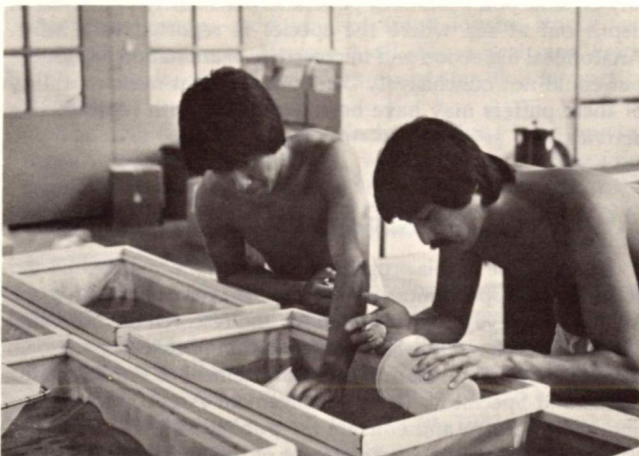


The Pomfret fish was the most frequently caught species on the deep bottomfish surveys conducted around the main Hawaiian Islands.

Aquaculture — Anuenue Fisheries Research Center

Prawn aquaculture research and development activities at the Anuenue Fisheries Research Center (AFRC) continued with the production of 7.3 million prawn post larvae (PL) during the year (1.3 million produced during the first half of the year and 6 million produced during the latter half) to meet the stocking needs of private growers under cooperative agreements. In order to fulfill the PL needs for calendar year 1981, an additional 3.6 million PL were purchased by the State from private hatcheries during July to December 1981. The purchase was necessary because hatchery problems were affecting PL produc-

tion. All PL prawns purchased and produced by AFRC were stocked in 121 acres of prawn ponds under cooperative agreement with the State.



Estimating numbers of juvenile prawns that will be stocked in commercial ponds for grow-out.

Total acreage of commercial prawn ponds in Hawaii increased to 282 acres with 23 growers involved in production. Approximately 250,000 pounds of marketable prawns were produced during the year with an estimated producer value of \$1.0 million. Prawn production is expected to increase as new acreages complete their "grow-out" phase and begin harvesting. Two new operations entered the industry during the year. Expansion programs being considered by two established firms will increase acreage by nearly 400 acres over the next year (an operation on Kauai is presently considering a 350-acre expansion).

Post larval prawn production problems encountered in fiscal year 1980-81 continued through early November with production levels declining to less than 10% of normal yields. Different rearing techniques including an outdoor system showed similar substandard results. Studies conducted by a "task force" (Department and University of Hawaii personnel) identified a mid-cycle condition that suggests a "toxicity" problem developing in the culture media. Extensive water analyses conducted by the water quality laboratory at AFRC and the University of South Florida revealed no unusual heavy metal levels. Finally in mid-November 1980, the AFRC hatchery was closed for a complete disinfection of the hatchery tanks, water systems, and air system using chlorine and hydrochloric acid solutions. Production averages of subsequent larval rearing cycles (280,000 PL from 350,000 larvae) equalled or bettered yields prior to 1980 before production problems were first encountered. Because the problem has not been specifically identified, investigations of potential biological disease causing agents are being continued. The disinfection operation has now been included into the hatchery production cycle.

In an effort to improve existing culture and management technology and to develop and test new ideas, the Division, in cooperation with other State agencies involved with prawn aquaculture development, is continuing to provide laboratory and field extension assistance to the private sector. Continuing cooperative studies on prawns with the University of Hawaii include ecological studies of commercial ponds, development of a genetically superior strain, processing and marketing, defining nutrition requirements, and feed development.

The Division's aquaculture research library was expanded during the year and made more accessible to other organizations involved in aquaculture through distribution of catalogs of all library holdings. Additional bibliographic information was stored in the State's computer, and modification of a computer program now enables the printing of subject bibliographies. The library continues to offer computer assisted literature searches using the Lockheed DIALOG Information Service and presently, over 60 journal titles on aquaculture and related fields are being received regularly.

Legislation

The Eleventh State Legislature, Regular Session of 1982 considered several measures affecting the Commercial Fishery and Aquaculture Program. House Bill No. 76, H.D. 2, S.D. 1, signed by the Governor as Act 117-82, promotes fisheries development by authorizing the State's acquisition, reconditioning, and operation of a "mothership" vessel to serve as a fuel supply and fish catch storage facility for catcher vessels engaged in distant water fisheries, such as for albacore tuna north of Midway Islands.

Complementing this measure was House Bill No. 3039, H.D. 1 that proposed an appropriation of \$200,000 for planning and designing a fishery support base on Midway Island. This would help determine the proper location and size of facilities necessary to support Hawaii's projected fishery fleet growth through use of Midway as a fishing port. The \$200,000 was subsequently incorporated into the operating budget of the commercial fishery and aquaculture program.

House Bill No. 2330 was also considered by the Legislature. The bill provided \$50,000 to support further development by the University of Hawaii on the Enzyme-Linked ImmunoSorbent Assay ("ELISA") procedure for testing fish for ciguatoxin. This procedure, when perfected, is simpler to use and would allow mass processing of samples than the present radioimmunoassay (RIA) technique for detecting ciguatoxin. The \$50,000 was also incorporated into the operating budget of the commercial fishery and aquaculture program.

AQUATIC RESOURCES PROTECTION PROGRAM

The objectives of this program are to preserve and enhance fish and aquatic life and their habitats, including endangered species. These objectives are implemented through active protection, propagation, monitoring of the resources, establishment of sanctuaries, and evaluation of proposed projects that may affect the resources and their habitats.

Marine Life Conservation Districts (MLCD)

Surveys were conducted on two established inshore stations at the Hanauma Bay MLCD (Oahu) in January, 1982; 70 species of fish were observed. The top five species of fish accounted for 44.5% of the total numbers enumerated. In descending order, they were the manini, the lavender tang, the nenu, the hinalea lau-wili, and the 'ama'ama. The top five species of fish accounting for 61.3% of the total weight estimated were one species of pualu, the nenu, the 'ama'ama, the manini, and a second (different) species of pualu.

Surveys were conducted at the Kealakekua Bay MLCD and the Lapakahi MLCD and at Waialea Bay on the Island of Hawaii during March-April, 1982. At the Kealakekua Bay MLCD, 103 different species of fish were encountered on five stations, and at Lapakahi MLCD, 91 different species of fish were encountered on four stations. At Waialea Bay, a potential MLCD, 70 different species of fish were encountered on four stations.



Underwater surveys were conducted at Waialea Bay, Hawaii to evaluate its potential establishment as a Marine Life Conservation District.

Surveys were also conducted in Maui County in March, 1982 and included the Honolua-Mokuleia MLCD (Maui) with 70 different species of fish on three stations, the Molokini Shoals MLCD with 87 different species of fish on four stations, and the Manele-Hulopoe MLCD (Lanai) with 95 different species of fish on seven stations.

Aquarium Fish Collecting Study

Monitoring of aquarium fish collectors who use fine mesh nets under a permit system was continued through monthly aquarium fish collection reports. The data revealed that 186 aquarium fish collecting permits were issued during fiscal year 1981-82 of which 120 (65%) were for non-commercial, and 66 (35%) were for commercial collectors. The total number of permits issued this year was the same as fiscal 1980-81. Twelve more permittees, however, were commercial collectors (increase of 12%). Evaluation of the monthly aquarium fish collection reports revealed that a total of 130,347 marine fishes and other organisms were collected of which 1,259 (1%) were for non-commercial use, and 129,088 (99%) were for commercial purposes valued at \$233,649. The average statewide price per organism sold was \$1.81 compared to \$1.78 per organism calculated for the previous fiscal year.

Environmental Impact Evaluations

Comments are requested from the Division of Aquatic Resources by various agencies regarding proposed projects which may have potential impact on aquatic resources, the aquatic environment, and public use of aquatic resources. During the year comments were prepared on 394 proposals, including Conservation District Use Applications, U.S. Army Corps of Engineers Public Notices, State Land Dispositions, Quiet Title Actions, Draft and Final Environmental Assessments and Impact Statements, permit applications for importation of live organisms, applications for scientific collecting permit, and other projects. On-site surveys, extensive literature searches, and procurement of pertinent information from knowledgeable persons are performed in the course of evaluating the proposed projects.

Fifteen fish kill incidents were reported and investigated in cooperation with the State Department of Health. The most notable of these incidents involved a "die-off" of thousands of oceanic puffers (*Lagocephalus lagocephalus*). Commencing on July 6, 1981, at Waimanalo, Oahu, these fish began washing up on beaches along the Windward and North Shore coasts of Oahu, Molokai, Maui, Kauai, and Hawaii (Hilo). Puffers continued to wash up for two months. Investigations involved eight staff members collecting and inspecting both live and dead

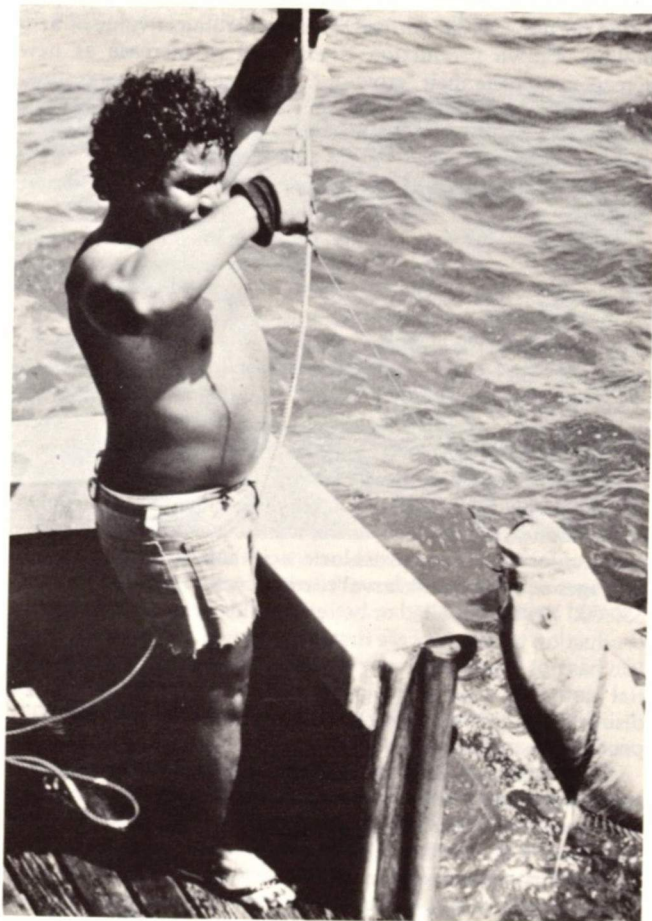
specimens. Additionally, samples were forwarded to the State's Aquaculture Disease Specialist, the State Department of Health, and the University of Hawaii. There was no evidence of an unnatural cause for this phenomenon. Evidence ruled against any possible point-source of pollutants particularly at mid-ocean depth out at sea where the species is reported to inhabit. Anatomical dissection and microscopic examination suggested, but could not conclusively demonstrate, that mass mortality of these puffers may have been associated with reproductive activity.

AQUATIC RECREATION PROGRAM

The purpose of this program is to enrich the leisure time and recreational opportunities available to the public. The program involves surveys of fish populations and research on individual species; interviews of fishers and operation of checking stations; development, maintenance, and management of Public Fishing Areas and Special Fisheries Management Areas; and various actions to inform and educate the public. Major activities of this program include an assessment of the nearshore resources of the Northwestern Hawaiian Islands, monitoring the Waikiki-Diamond Head Shoreline Fisheries Management Area and operating Freshwater Public Fishing Areas.

Northwestern Hawaiian Islands Nearshore Resources Assessment

During September and October, 1981, the *F/V EASY RIDER* was contracted to transport and support four division personnel and two University of Hawaii students making assessment



White ulua were hooked, tagged and released in the Northwestern Hawaiian Islands to study growth, population densities and migration of the species.

of nearshore resources of the Northwestern Hawaiian Islands (NWHI). The 30-day survey included 109 underwater fish surveys, tagging 43 ulua for population studies, and collection of more than 300 reef fish specimens for examining length-weight relationships, gut contents, and gonadal condition, and for ciguatoxin assays. Additionally, spiny lobster stocks were sampled at Pearl and Hermes Atoll, Maro Reef, and French Frigate Shoals, and observations on lobster-ulua interactions were noted.

The data collected to date, including those from previous surveys conducted in the NWHI, will be used to prepare a final report to recommend management strategies for this area.

Waikiki-Diamond Head Shoreline Fisheries Management Area

The Waikiki-Diamond Head Shoreline Fisheries Management Area, encompasses the shoreline waters between the Kapahulu groin and Diamond Head Lighthouse, Oahu. Following a two-year closure to all fishing, the area opened to pole fishing only during July 1, 1980 to June 30, 1981, and to all legal fishing methods during July 1, 1981 to June 30, 1982. The area was recently closed again to all fishing activities for another two years (July 1, 1982-June 30, 1984).

To evaluate the efficiency of different types of fishing gear and to determine the effectiveness of the fishing closure, over 1,000 man-hours were spent by trained student employees to conduct interviews, surveys and creel censuses between July 1,



A net full of u'u or menpachi caught in the Waikiki-Diamond Head Shoreline Fisheries Management Area between July 1, 1981 and June 30, 1982 when all legal fishing methods were allowed.

1981 and June 30, 1982. The data suggests thrownets, gillnets, and spears were the most efficient types of fishing gear used in terms of total numbers of fishes caught, accounting for 36%, 24% and 24%, respectively of all recorded catches. Creel census data reflect only fishes retained by fishers; among these menpachi, aholehole, and manini predominated at Waikiki.

In addition to monitoring the fish catches, monthly surveys were conducted at four established fish-counting stations to obtain data on the area's fish populations. A total of 122 species of fishes were observed during the year. The fishes contributing the most to the standing crop included manini, kala, lavender tang, saddle-back wrasse, and white weke.

Freshwater Public Fishing Areas (PFA)

Kokee PFA, Kauai — Trout fishing data collected at the Kokee Checking Stations during the 30 fishing days of the 1981 rainbow trout season (August 1 to September 27) showed that 513 angler trips resulted in the taking of 571 trout (503 the previous year) weighing an estimated 324 pounds. Although no exceptionally large trout were caught this season, the fish were of excellent quality averaging 10.78 inches and 9.10 ounces. An estimated total of 1,349 fishing hours was expended with an average of 2.60 hours and a catch rate of 1.10 trout per angler trip.

Wahiawa PFA, Oahu — Creel Census and fisher interview data collected monthly at this impoundment during fiscal year 1981-82 showed some rather unusual results. While the estimated total catch of 23,838 fish (11,042 lbs.) compared favorably with last year's record total of 24,582 fish (13,514 lbs.), total fishing effort declined very significantly to a 10-year low of 13,267 estimated angler trips and 35,053 estimated fishing hours. During the previous fiscal period, an estimated 21,317 angler trips and 65,705 recreational fishing hours were recorded. The low fishing effort was probably related to high reservoir water levels at or near spillway overflow levels throughout the year combined with frequent showery weather.

Nuuanu Reservoir No. 4, Oahu — Three open periods (the 30th through 32nd since 1969) of weekend public fishing for channel catfish were administered during this report period in August and November, 1981 and May 1982. Although fishing was made difficult by high water levels and rainy weather throughout much of the openings, the total catch showed some improvement over the previous period. A total of 3,835 anglers (out of 5,705 applicants for fishing permits) caught and retained 1,262 channel catfish weighing an estimated 2,082 pounds. The fish averaged 15.10 inches (TL) and 1.63 pounds. The largest catfish caught during this period was a 32 inch, 19 pounder.

Freshwater Gamefish Culture

Rainbow Trout — Hatchery facilities at the Anuenue Fisheries Research Center were operated during the period January 28 to May 18, 1982, for the hatching and rearing of two shipments of 50,000 eyed rainbow trout eggs from Mt. Shasta Hatchery, California Department of Fish and Game. Resultant production was an estimated 97,500 young trout (1.5 inch) which were all released into the streams and one reservoir of the Kokee Public Fishing Area on Kauai for annual maintenance stocking.

Channel Catfish — An estimated total of 128,900 fingerling channel catfish was stocked during this period including 14,500 in Nuuanu Reservoir No. 4 and 114,400 in the Wahiawa Public Fishing Area. These catfish were obtained from 11 viable egg masses collected from Nuuanu Reservoir No. 4 during May-June, 1981 and incubated, hatched and reared at the Anuenue Fisheries Research Center.

Tucunare — A single tucunare spawn (eggs) collected from the Wahiawa Public Fishing Area in September, 1981 was taken to the Anuenue Fisheries Research Center for experimental incubation, hatching and rearing trials. A total of 1,700 young tucunare (1-4 inches) successfully reared from the spawn were stocked in the Wahiawa PFA.

MISCELLANEOUS PERMITS (NO CHARGE)
Fiscal Year 1981-82

Type	Number
Scientific Collecting Permits - Fisheries	28
Group Fishing Permits.....	2
TOTAL.....	30

FEDERAL AID FUNDS
Fiscal Year 1981-82

Type	Amount (Dollar)
Dingell-Johnson Federal Aid in Fish Restoration Fund.....	\$372,291.83
Commercial Fisheries Research and Development (P.L. 88-309) Fund..	11,416.67
National Sea Grant College and Program Fund.....	58,722.00
TOTAL	\$442,430.50

COMMERCIAL FISH LANDINGS BY ISLAND, STATE OF HAWAII
Fiscal Year 1980-81

<u>Island</u>	<u>Sea Catch</u>		<u>Pond Catch</u>		<u>Total</u>	
	<u>Pounds Caught</u>	<u>Value</u>	<u>Pounds Caught</u>	<u>Value</u>	<u>Pounds Caught</u>	<u>Value</u>
Hawaii	3,412,685	\$ 4,281,829	2,587	\$ 5,183	3,415,272	\$ 4,287,012
Maui	1,014,145	953,197	--	--	1,014,145	953,197
Lanai	15,624	17,732	--	--	15,624	17,732
Molokai	33,006	39,250	--	--	33,006	39,250
Oahu	5,825,466	5,877,242	12,988	20,193	5,838,454	5,897,435
Kauai	586,782	646,538	--	--	586,782	646,538
TOTAL	10,887,708	\$11,815,788	15,575	\$25,376	10,903,283	\$11,841,164

Notes: Figures may not add to total due to rounding.
Dashes indicate no data reported.

COMMERCIAL FISH LANDINGS BY MONTH, STATE OF HAWAII
Fiscal Year 1980-81

<u>Month</u>	<u>Sea Catch</u>		<u>Pond Catch</u>		<u>Total</u>	
	<u>Pounds Caught</u>	<u>Value</u>	<u>Pounds Caught</u>	<u>Value</u>	<u>Pounds Caught</u>	<u>Value</u>
1980						
July	1,518,738	\$ 1,215,064	838	\$ 1,229	1,519,576	\$ 1,216,293
August	1,349,340	1,180,895	1,025	1,460	1,350,365	1,182,355
September	847,159	917,440	1,224	1,777	848,383	919,217
October	953,118	1,124,509	1,836	2,534	954,954	1,127,043
November	720,104	909,684	737	1,212	720,841	910,896
December	749,870	953,669	1,203	2,825	751,073	956,494
1981						
January	437,243	648,822	1,214	2,315	438,457	651,137
February	385,945	654,481	2,072	3,462	388,017	657,943
March	638,765	913,498	1,402	2,195	640,167	915,693
April	966,068	1,062,180	1,238	2,157	967,306	1,064,337
May	1,089,310	1,078,160	1,515	2,196	1,090,825	1,080,356
June	1,232,048	1,157,386	1,271	2,014	1,233,319	1,159,400
TOTAL	10,887,708	\$11,815,788	15,575	\$25,376	10,903,283	\$11,841,164

Note: Figures may not add to total due to rounding.

COMMERCIAL FISH CATCH BY SPECIES, STATE OF HAWAII
Fiscal Year 1980-81

Sea Catch

Species	Lbs. Caught	Lbs. Sold	Value	Species	Lbs. Caught	Lbs. Sold	Value
Aku (Skipjack)	4,445,473	4,412,915	\$3,379,477	Opelu	472,248	454,826	500,426
Ahi (Yellowfin)	2,887,558	2,771,932	3,630,358	Palani	22,338	20,796	14,132
Ahipalaha (Albacore)	222,024	221,869	219,354	Pualu	7,653	7,288	6,189
Ahi (Bluefin)	14,002	14,002	27,093	Puhi (Eel)	5,127	5,001	1,248
Ahi (Big-eye)	18,418	17,640	27,746	Puhi-White	1,731	1,687	845
Kawakawa	37,003	31,846	25,343	Uhu	20,747	19,265	19,462
Striped Marlin	69,303	61,534	66,590	Ukikiki	2,098	2,021	3,501
Pacific Blue Marlin	469,818	412,553	211,290	Uu (Menpachi)	42,016	40,276	76,276
Broadbill Swordfish	24,677	24,131	36,787	Weke	68,426	65,846	57,940
Shortnose Spearfish	13,102	9,084	8,415	Malu	2,447	2,424	3,286
Black Marlin	9,427	8,241	4,200	Tilapia	26,727	18,441	9,184
Au Lepe Sailfish	1,001	696	471	Taape	80,411	76,331	40,933
Mahimahi	211,527	189,878	447,485	Toau	1,092	1,088	2,267
Ono	263,189	238,280	472,523	Crab (Papai)	1,145	1,125	1,771
Hapuupuu	33,704	31,086	50,634	Crab (Kona)	17,858	13,868	34,974
Kahala	40,674	35,976	22,905	Crab (Kuahonu)	2,163	2,150	6,430
Kalikali	8,172	7,317	12,490	Opae (Shrimp)	7,691	7,676	27,943
Omilu	4,179	4,055	5,810	Ula (Lobster)	88,905	88,160	519,427
Opakapaka	235,887	226,555	518,226	Ulapapapa	4,505	4,450	13,467
Uku	95,218	91,510	202,948	Hee (Octopus)	18,973	15,663	29,318
Ehu	21,342	19,680	47,184	Muhee (Squid)	11,060	8,665	9,602
Onaga	42,868	40,487	130,721	Opihi (Limpet)	7,889	7,281	16,281
Ulua	154,858	145,599	148,561	Limu (Algae)	10,093	9,965	18,640
Weke Ula	26,550	25,050	42,757	Stony Coral	3,760	3,760	2,423
Aawa	2,048	1,856	1,041	Miscellaneous	29,702	26,440	31,141
Aholehole	6,118	5,742	7,128				
Akule	315,426	281,530	321,009	TOTAL	10,887,708	10,461,764	\$11,815,788
Amaama (Mullet)	8,917	8,536	17,836				
Awa	2,239	2,194	1,928				
Awaawa	1,119	843	657				
Aweoweo	11,249	10,976	11,631				
Hahalalu	69,064	67,586	64,579				
Humuhumu	2,144	1,916	1,485				
Kaku	5,144	4,123	2,926				
Kala	11,990	11,331	3,735				
Kamanu	3,517	3,299	3,058				
Kawalea	5,986	5,486	4,317				
Kole	3,387	3,121	3,052				
Kumu	14,834	13,561	49,952				
Laenihi	5,683	4,764	9,981				
Lehi	19,944	18,392	32,823				
Macmao	2,212	2,192	2,115				
Manini	15,747	14,110	16,657				
Mano (Shark)	18,556	2,417	1,530				
Moano	8,175	7,179	19,122				
Moi	3,200	2,853	7,955				
Moilua	8,076	7,798	16,694				
Mu	1,731	1,655	2,991				
Naenae	4,321	4,221	1,585				
Nenu	10,788	9,181	5,556				
Nohu	3,915	3,766	6,511				
Oililepe	3,368	3,339	2,867				
Oio	12,031	11,388	8,613				

Pond Catch

Species	Lbs. Caught	Lbs. Sold	Value
Ulua	1,206	1,206	1,894
Aholehole	69	69	69
Amaama (Mullet)	1,886	1,876	5,530
Awa	924	920	1,371
Awa Kalamoho	94	94	203
Awaawa	1,652	1,652	1,691
Kaku	652	652	1,581
Kawalea	101	101	260
Oio	4,889	4,874	6,472
Pualu	327	327	223
Tilapia	1,654	1,654	3,188
Taape	336	336	663
Toau	740	740	1,011
Crab (Kuahonu)	11	11	31
Crab (Samoan)	97	97	338
Miscellaneous	937	937	851
TOTAL	15,575	15,546	\$ 25,376
GRAND TOTAL	10,903,283	10,477,310	\$11,841,164

Note: Data may be incomplete due to unreported aku (skipjack tuna) or flagline boat catches.

DIVISION OF CONSERVATION AND RESOURCES ENFORCEMENT

The Division of Conservation and Resources Enforcement (DOCARE) is responsible for enforcement activities of the Department of Land and Natural Resources. The enforcement authority vested to the Division encompasses all State laws, rules and regulations involving State lands, State parks, conservation district, forest reserves, aquatic life and wildlife areas, State shorewaters and shores, as well as county ordinances involving county parks.

Hunter Safety

Four hundred eighty-three (483) students were trained and certified under the Hawaii Hunter Safety Education Program during this fiscal year.

Brochures on the Hawaii Hunter Safety Program were completed and distributed to license agents, sporting good stores, schools, sport clubs, and at various shows.

Thirty-six (36) interested and concerned individuals were trained and certified as Volunteer Hunter Safety Instructors.

Training

Various training programs were conducted during the year. A highlight of the program was the Advanced Firearms Instructors Course conducted by instructors from the National Rifle

Association. The instructor's course totaled forty-four (44) hours, which took five days.

Participants included personnel from the Attorney General's Department, the Corrections Division, the four County Police Departments, Department of Health (Investigations and Narcotics Control), Department of Transportation (Harbors Division), and the United States Marine Corps.

Another course was conducted by Volunteer Enforcement Officer, Dr. Michel Skolnick, on drug abuse and identification. The need for this training stems from enforcement responsibilities within state parks. This program was offered to the regular and volunteer enforcement staff on all the islands.

Enforcement Activities

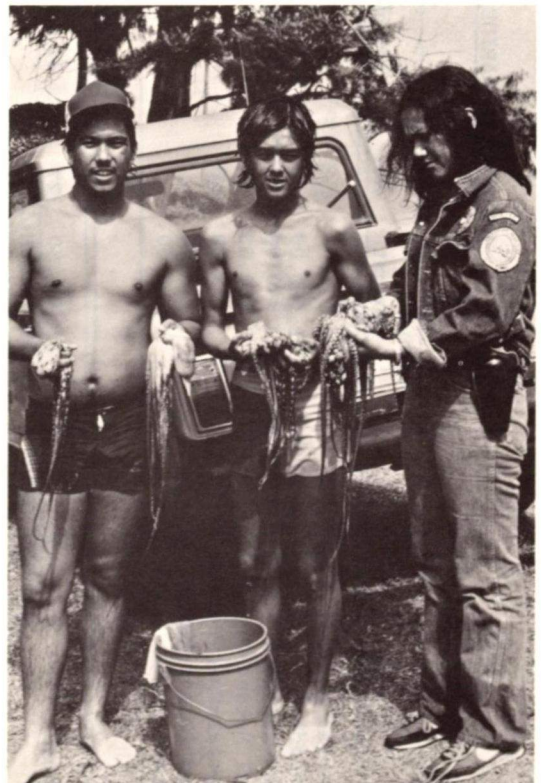
The Division conducted concentrated patrols in State parks, including night patrols and stakeouts of parks with high visitor count.

Investigations of complaints involving Conservation District land use continued to increase throughout the State. Conservation District requirements are being recognized by the public and violations are being reported to the Department.

The use of canines in the Division's enforcement program was initiated during this fiscal year. This program will be on the island of Oahu with plans to expand to the other islands being explored.



Sandra Imura — Volunteer Hunter Safety Inspector



Conservation Enforcement Officer Georgiana Awo inspecting "tako" catch.

COMMERCIAL MARINE LICENSES & PERMITS

Type	Oahu		Maui		Hawaii		Kauai		State	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Commercial Marine:										
Resident	1,149	\$ 11,490.00	309	\$ 3,090.00	787	\$ 7,870.00	204	\$ 2,040.00	2449	\$ 24,490.00
Non-Resident	47	940.00	3	60.00	24	480.00	3	60.00	77	1,540.00
Special Marine Product	103	310.00	12	37.50	6	18.50	2	10.00	123	376.00
Commercial Bait Permit	13	13.00	3	3.00	1	1.00			17	17.00
Leeward Island Permit	2	2.00							2	2.00
Duplicate Comm.	7	3.50			1	.50			8	4.00
TOTAL	1,321	\$ 12,758.50	327	\$ 3,190.50	819	\$ 8,370.00	209	\$ 2,110.00	2676	\$ 26,423.00

FRESHWATER GAME FISHING LICENSE

Type	Oahu		Maui		Hawaii		Kauai		State	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Resident	5,993	\$21,399.00	0	0	2	\$7.50	474	\$1,716.36	6,469	\$23,122.86
Non-Resident	27	185.92	0	0	0	0	6	44.24	33	230.16
Juvenile	1,529	2,189.00	0	0	0	0	115	165.98	1,644	2,354.98
Tourist	96	343.05	0	0	0	0	35	128.60	131	471.65
Duplicate	35	17.29	0	0	0	0	0	0	35	17.29
Senior Citizen	178	0	0	0	0	0	36	0	214	0
TOTAL	7,858	\$24,134.26	0	0	2	\$7.50	666	\$2,055.18	8,526	\$26,196.94

HUNTING LICENSE

Type	No.	Oahu	Amount	No.	Maui	Amount	No.	Hawaii	Amount	No.	Kauai	Amount	No.	State	Amount
Resident	3,597	\$25,756.48		2,417	\$17,337.27		3,245	\$23,196.30		1,890	\$13,528.18		11,149	\$79,818.23	
Non-Resident	46	664.50		90	1,290.75		168	2,402.25		6	87.75		310	4,445.25	
Duplicate	30	14.47		63	33.43		42	21.00		41	19.78		176	88.68	
Senior Citizen	82	Ø		82	Ø		101	Ø		35	Ø		300	Ø	
TOTAL	3,755	\$26,435.45		2,652	\$18,661.45		3,556	\$25,619.55		1,972	\$13,635.71		11,935	\$84,352.16	

MISCELLANEOUS LICENSES & PERMITS

Type	No.	Statewide	Amount
Game Bird Farm License	25		\$25.00
Aquarium Fish Permit	193		Ø
TOTAL	218		\$25.00

FIELD ACTIVITIES

Activity	Number	
Mileage by vehicle	550,642	Mi.
Mileage by foot	5,752	Mi.
Mileage by boat	302	Mi.
Stakeouts	424	Mi.
Stakeout Hours	2,050	Hr.
Horseback	20	Mi.
Swimming	25	Mi.

FIELD CONTACTS MADE

Field Contact	Number Contacted	Citations	Arrests	Penal Summons	Warnings
Commercial fishermen	2,530		1		
Marine sport fishermen	39,590	41			151
Freshwater fishermen	3,842	14			124
Hunters	9,615	74	12	2	68
Fish & Wildlife Res. Users	15,750	5			83
State Parks Users	258,063	122			6,986
Forestry Users	4,332	9			128
Firearm	3		3		
Natural Area Reserves	4				
Dept. of Transportation	2,367		9		29
Land Management	3,672		2		22
Conservation Districts	21		1		
Marine Life Cons. District	152				

INSPECTIONS MADE

Types of Inspection	Number Inspected	Citations	Arrests	Penal Summons	Warnings
Commercial fishing crafts	619				2
Sport fishing crafts	2,070				
Saltwater fishermen	12,366	113	3		176
Freshwater fishermen	2,062	7			102
Hunters	5,618	128	17	1	102
Fish markets	2,401	2			23
Fish peddlers	193				
License agents	356				
Aquarium fish facility	28				
State Parks	10,473	1			521
Forest Reserves	2,438	11			100
Tea houses/Restaurants	17				
Wildlife Sanctuary	17				
Watershed	3				
Marine Life Cons. District	18				
Land Management/DOT	61				
NARS	9		4		
Conservation Districts	23				

PUBLIC INFORMATION

Types of Information	Number
Talks made to groups	49
Printed informational material	1,539
Kahoolawe/Kaula notices	39

COMPLAINTS AND INVESTIGATIONS

Types of Complaints and Investigations	Number	Hours
Fishing	155	329
Hunting	87	387
Forestry	51	287
State Parks	148	464
DLNR Reg. No. 4	498	3,060
Miscellaneous	106	376

CITATIONS AND ARRESTS

Type of Violations	Number
<u>Fishing</u>	
Unlawful possession/taking Lobster closed season	9
Unlawful taking/possession of Oysters	11
Unlawful possession/taking of Lobsters with eggs	7
Unlawful fishing with chemicals	1
Unlawful fishing in Marine Life Conservation District	8
Selling undersize Opihi	1
Unlawful use fine mesh net	22
Unlawful spearing of Green Sea Turtle	1
Selling undersized Papio	1
Restricted fishing w/net in Waiakea Canal	1
Unlawful fishing w/fine mesh trap	2
Unlawful possession Green Sea Turtle	1
Use of net exceeding fifty feet to take Nehu	1
Unlawful use/possession fine mesh thrownet	25
Unlawful taking of Iao	1
Restricted netting of Akule (Hahalalu)	2
Fishing without valid Freshwater Fishing License	8
Restricted fishing w/net in Kapaa Canal	1
Unlawful fishing with electrical device	6
Unlawful speared/mutilation of Lobsters	4
Unlawful taking/possession Mullet closed season	12
Unlawful taking/possession undersized Octopus	20
Restriction on taking of Nehu	1
Restriction on fishing with spear	3
Unlawful taking/possession undersize Lobster	6
Possession of illegal fishing gear, Wahiawa PFA	2
No entry permit Wahiawa PFA	1
Exceeding fish bag limit (Tucunare)	3
Taking Bait fish without permit	4

Total Fishing Violations 165

<u>Hunting</u>	<u>NUMBER</u>
No entry permit	24
Hunting without license	54
No colored garment	24
Hunting game birds during closed season	1
Hunting in closed area	18
Hunting on weekday	6
Illegal hunting weapon	4
Loaded firearm in safety zone	21
Hunting with dogs in closed area	7
Unlawful night hunting	14
Loaded weapon in vehicle	4
Prohibited hunting	3
Hunting on private land without permission	13
Possession of Goat	1
Hunting during closed season	2
Failure to display hunting license	7
Illegal use of firearm	4
Prohibited hunting on public land	1
Hunting without permit	13
Possession of game bird during closed season	1
Unlawful keeping of wild bird	1
Firearms in archery area	2
Unlawful possession of hen pheasant	1
Failure to check in/out	2
Restriction on use of Dog in hunting area	1
Hunting goats during closed season	1

Total Hunting Violations 230

State ParksNUMBER

Camping in unauthorized area	15
Camping without a permit	23
Landing of boat on beach without permit	5
Remaining in closed area	29
Driving on grass	32
Commercial soliciting without a permit	3
No State Parks permit	2
Picking pine cones	1
Loose dog in State Park	5
Littering in State Park	1
Residing on State Park premise	1
Open fire in park	2
Abandoned vehicle in State Park	1
Use of alcoholic beverages	1
Vehicle in prohibited area	1
Prohibited operation of vehicle	1
Total State Parks Violations	123

Forestry

Removing forest products without permit	13
Abandoned vehicle in forest reserve	1
No commercial harvesting permit	2
Dumping rubbish in forest reserve	2
Vehicle in unauthorized area	2
Total Forestry Violations	20

Firearms

Place to keep	5
Permit to carry	1
Prohibited firearm (Barrel length less than permitted)	1
Felon in possession of firearm	1
Total Firearm Violations	8

Miscellaneous

Unlawful peddling (DOT regulation)	11
Residing on State land	1
Prohibited entry wildlife sanctuary	4
Total Miscellaneous Violations	16

CITATIONS, PENAL SUMMONS, ARRESTS AND DISPOSITIONS

Island	No. of Citations	Parking Citations	Penal Summons	No. of Arrests	No. of Charges	Bail Forfeiture	Juvenile Authorization	Cases Dismissed	Convictions	Fine	Split Sentences		Suspended Sentence
											Fine	Suspended Fine **	
Hawaii	198	113*			198	\$ 70* \$1,825		1	14	\$ 410			2(S/S 1 yr.)
Maui, Lanai & Molokai	78		7	38	123	\$ 275		1	24	\$ 800		1(\$100/\$25 susp. 6 mos.) 1(\$ 75/\$25 susp. 1 yr.) 1(\$ 50/\$25 susp. 6 mos.) 2(\$ 50/\$25 susp. 3 mos.) 1(\$150/\$75 susp. 1 yr.) 1(\$100/\$75 susp. 1 yr.) 1(\$600/\$300 susp. 6 mos.) 3(\$100/\$40 susp.)	
Kauai	101			2	103	\$ 275	1(C&R)***	5	24	\$1,130		1(\$ 25/\$15 susp. 6 mos.) 2(\$100/\$75 susp. 1 yr.) 1(\$100/\$65 susp. 1 yr.) 1(\$100/\$50 susp. 1 yr.) 1(\$100 or 50 hr. comm. serv.) 2(\$250 or 125 hr. oom. serv.)	1(4/2 days Jail)
Oahu	141	2,589		16	157	\$ 750	2(C&R)	1	3	\$ 150			
TOTAL	518	2,702	7	56	581	\$3,125 \$ 70*	3(C&R)	8	65	\$2,490		\$775/\$365 susp. 6 mos. \$725/\$440 susp. 1 yr. \$100/\$ 50 susp. 3 mos. \$300/\$150 susp. \$100 or 50 hrs. com. serv. 2(\$250 or 125 hrs com. serv. ea.)	2(S/S 1 yr.) 1(4/2 days Jail)

* Parking

** Suspended Fine is a portion of total fine that defendant need not pay provided no laws are violated during period specified by court.

*** C & R - Counsel and Release

DISPOSITION OF PENDING CASES

Island	No. of Citations	Parking Citations	Penal Summons	No. of Arrests	No. of Charges	Bail Forfeiture	Juvenile Authorization	Cases Dismissed	Pending	Convictions	Fine	Split Sentences		Suspended Sentence
												Fine	Suspended Fine	
	61				61	\$712		2	61	1	\$ 10			2(12 hr. CS)* 3(48 hr. CS) 1(S/S 1 mo.) 4(S/S 6 mos.) 8(S/S 1 yr.)
Hawaii					29	\$877		5	21	64	\$1,425			
Maui, Lanai & Molokai		3	16	39			6	13	25	46	\$1,575	\$300/\$250 susp. \$200/\$140 susp. 3 mos. \$1,200/\$560 susp. 6 mos. \$1,000/\$600 susp. 1 yr.		
Kauai					3		4	16	2	27	\$ 820	\$ 60/\$0 susp. 6 mos. \$ 25/\$15 susp. 10 mos. \$400/\$215 susp. 1 yr.		2 firearms forfeited
Oahu		2	6	119			5	15	101	47	\$1,765	2(\$50/36 hr CS)		1(S/S) 1(S/S 1 day) 1(S/S 30 days) 3(S/S 6 mos.) 1(S/S 1 yr.) 4(S/S 3 mos.) 1(18 hrs. CS) 2(12 hrs. CS) 1(4 hrs. CS)
TOTAL		5	22	190	\$877	15	49	149	184		\$5,585	\$1,260/\$600 susp. 6 mos. \$1,400/\$815 susp. 1 yr. \$ 200/\$140 susp. 3 mos. \$ 25/\$15 susp. 10 mos. \$ 300/\$250 susp.		1(S/S) 1(S/S 1 day) 2(S/S 30 days) 7(S/S 6 mos.) 9(S/S 1 yr.) 4(S/S 3 mos.) 3(48 hrs. CS) 1(18 hrs. CS) 4(12 hrs. CS) 1(4 hrs. CS)
	61				61	\$712		2	61	1	\$10Parking			

CS - community service
S/S - suspended sentence

BUREAU OF CONVEYANCES

The conveyances and recording program of the department is conducted primarily to protect the rights of individuals and organizations in land ownership. It is a State-operated function, responsible for maintaining accuracy and indefeasibility in recordkeeping and for eliminating errors and confusion in land title registration in Hawaii.

Workload

For fiscal year 1981-82, the Bureau of Conveyances received 164,810 documents: 121,217 documents for the Regular registration and 43,593 for the Land Court. In addition, 6,630 new Transfer Certificates of Title were issued. Documents received were 30,000 less than the 1980-81 fiscal year. This was due to high interest rates, tight money and people not buying.

The decrease in documents received enabled the Bureau to reduce its backlog of processed documents. On July 2, 1981, the Land Court system had a backlog of 8 months and the Regular registration system, a 6 months backlog. As of October 12, 1982, the Land Court system is expected to be 4 months back and the Regular registration system at 3½ months.

Employees are going through the Wang and computer training program that will take two to three months. In addition,

all available employees have been assigned to assist the Land Court registration. Training, movement of personnel, and filling of vacancies are helping to gain on the backlog. At the present rate of gain, the backlog should be down to 4 months by December 31, 1982.

Technology

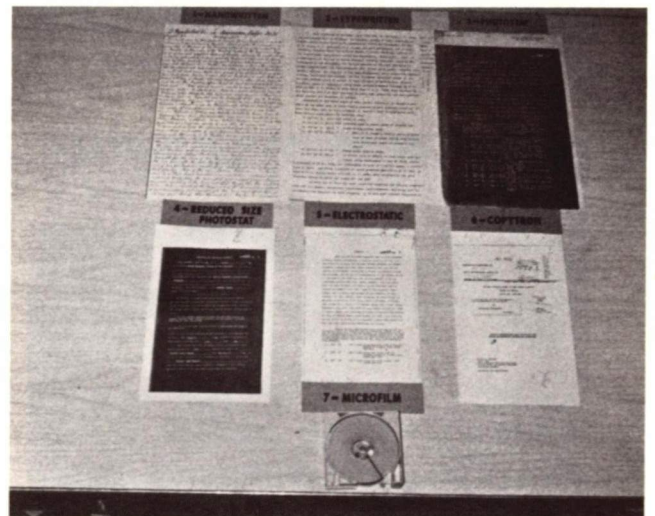
The Bureau of Conveyances now uses microfiche for indexes, instead of hardcopies. This enables the Bureau to save floor space for an indefinite period of time. The microfiche is also an efficient indexing system. Moreover, in case of loss, replacement cost for one microfiche is just a few cents. Little instruction is needed to operate the microfiche reading machines. The public has no problem in using it.

With the decrease in documents received, the Bureau's receipts still exceeded expenditures by about 28%. This is due to the increase in Land Court fees from \$10.00 to \$20.00 for transfer certificates, and from \$2.50 to \$5.00 for filing.

The total value of taxable real estate transferred in the State of Hawaii during the 1981-82 fiscal year was \$2,892,628.



The receiving desk. The filing or recordation process begins here. Documents to be recorded are brought to this desk. Clerks review the documents. A cashier collects the filing or recording fee and conveyance tax, and issues a receipt. At the end of the day, the cashier's machine provides totals.



Evolution of land records. The form of records has changed over time, as illustrated here. From left to right and top to bottom:

1. Handwritten.
2. Typewritten.
3. Photostat.
4. Photostat reduction.
5. Electrostatic copy.
6. Copytron.
7. Microfilm.

THE OLD WAY

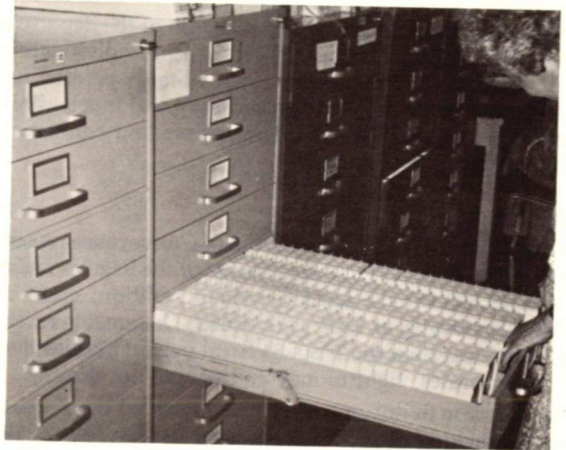


In the old days, copies of processed documents were filed away into record books which were then shelved. The row on the left is 60 feet long, 7 feet high, and 15 inches wide, containing 35 cubic feet of space, holding 2,177 record books that took 2 years to fill.

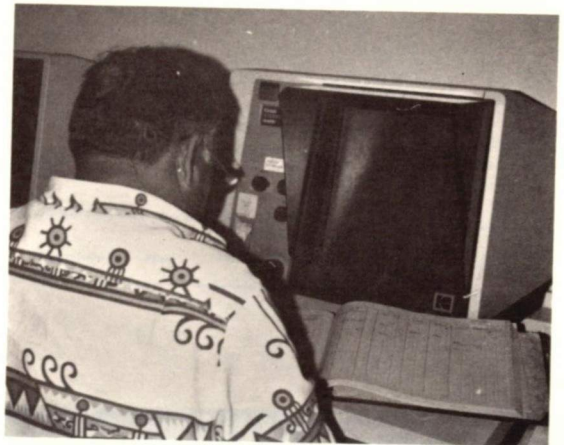


Public access to hard copy of recorded documents. Note size of book.

THE NEW WAY



Nowadays, records are stored on microfilm. The rolls of film are kept in filing cabinets. One cabinet occupies 19 cubic feet of space, holds 1,300 rolls of microfilm, equivalent to 3,900 books, and takes 5 years to fill.

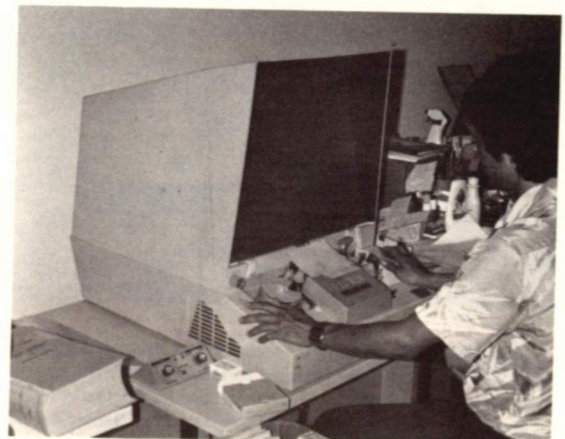


Microfilm viewer. One roll of microfilm contains 3 books of documents. Each roll is on a plastic holder 1"×4"×4".

COPYING



Copies of the old records are made by using a xerox machine.



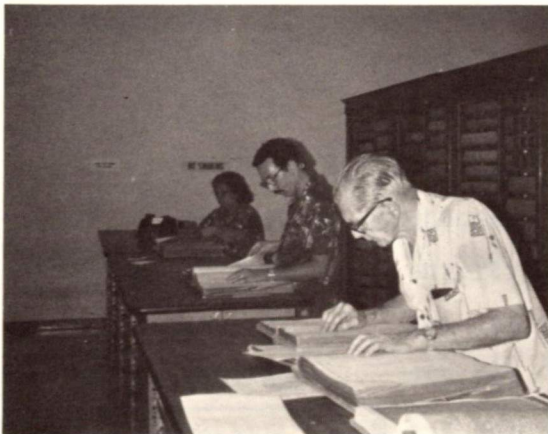
This machine is used to make hard copies of records stored on microfilm.

THE OLD WAY

Indexing: To make it easier to locate documents on file, the Division prepares various indices. The most popular is the Grantor-Grantee Index, which lists the principals (usually, a seller and a buyer) of a transaction.

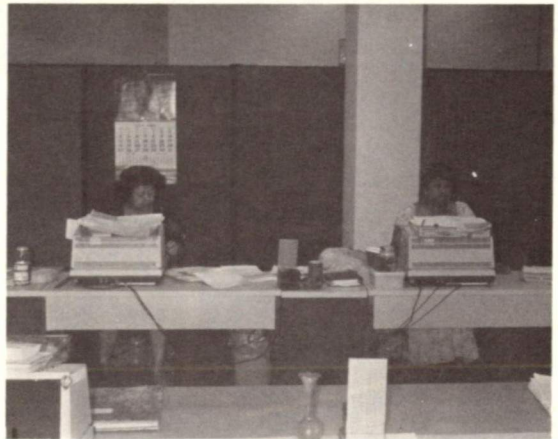


Indexing the old way. Formerly, indexing was done on a typewriter. The job was combined with receiving and with reviewing, three jobs in one. Between 75 to 100 documents were indexed daily. A day's entry took 3 to 4 days to produce.



The old indices are filed away in volumes. Inspection of the volumes is slow and tedious. Index books date back to 1845, and cover over 100 years. The volumes are stacked on shelves which occupy considerable floor space.

THE NEW WAY



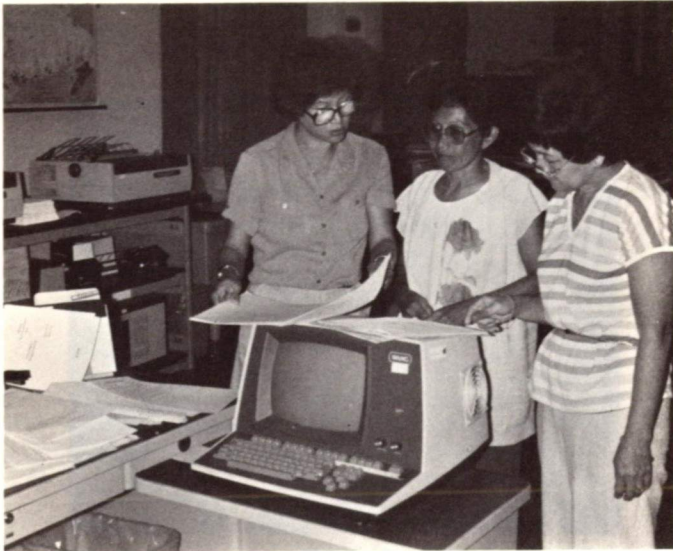
Indexing today. Entries are made at terminals onto tapes at the rate of 650 to 700 documents each day.



Indexing today. Daily entries are printed out the next day. This is done by loading tapes onto the processor (left) which is connected to a printer (right).



Today, viewers are used to read a microfiche. Each microfiche card contains 200 pages of indices. This is equivalent to one of the volumes shown in the photograph to the left.



Certificates of Title: These certificates are issued upon decree by the Land Court. The certificates are evidence of the ownership of land. Succeeding owners are issued "transfer certificates of title" (TCT's).

In addition to record keeping, the Division also produces documents. This word processor is used to prepare title certificates for the Land Court. Use of this machine has increased the output rate by 66%.

DOCUMENTS REGISTERED AND LAND COURT CERTIFICATES OF TITLE ISSUED

Fiscal Year	DOCUMENTS REGISTERED			Land Court Certificates of Title Issued
	Total	Regular System	Land Court System	
1972-73	149,633	100,727	48,906	9,896
1973-74	146,221	94,899	51,322	9,267
1974-75	129,774	91,843	37,931	6,687
1975-76	149,616	103,974	45,642	7,636
1976-77	169,627	116,998	52,629	8,006
1977-78	191,307	131,231	60,076	10,133
1978-79	210,394	145,649	64,745	11,324
1979-80	228,471	157,008	71,463	12,323
1980-81	191,115	136,674	54,441	8,599
1981-82	164,810	121,217	43,593	6,630
Total	1,730,968	1,200,220	530,748	90,501

RECEIPTS OF THE BUREAU OF CONVEYANCES

Fiscal Year	RECEIPTS		
	Regular System	Land Court System	Total
1972-73	\$ 557,988	\$ 231,608	\$ 789,596
1973-74	524,029	236,114	760,143
1974-75	508,859	177,402	686,261
1975-76	562,064	208,988	771,052
1976-77	598,363	233,110	831,473
1977-78	707,056	259,676	966,732
1978-79	804,281	284,340	1,088,621
1979-80	907,147	327,541	1,234,688
1980-81	803,293	470,050	1,273,343
1981-82	753,842	413,397	1,167,239
Total	\$6,726,922	\$2,842,226	\$9,569,148

VALUE OF PROPERTY TRANSFER IN THE STATE OF HAWAII, BY COUNTIES

(in thousands of dollars)

Fiscal Year	HONOLULU		HAWAII		MAUI		KAUAI		TOTAL
	% of State		% of State		% of State		% of State		
1972-73	75.3	\$1,308,352	11.0	\$190,954	8.7	\$151,670	4.9	\$ 85,781	\$1,736,757
1973-74	75.9	1,575,254	9.3	193,437	10.1	209,815	4.7	97,644	2,076,150
1974-75	74.1	970,105	10.1	131,594	12.1	159,352	3.7	47,755	1,308,806
1975-76	76.8	703,176	7.6	69,340	12.6	115,573	3.0	27,107	915,196
1976-77	71.4	1,264,697	10.0	173,325	14.6	258,798	4.0	74,493	1,771,313
1977-78	67.3	1,743,379	9.1	235,370	19.1	496,684	4.5	116,519	2,591,952
1978-79	65.5	2,428,836	10.6	394,304	18.8	695,768	5.1	190,370	3,709,278
1979-80	68.2	3,089,239	13.1	591,763	12.5	565,806	6.2	282,919	4,529,727
1980-81	63.4	2,512,596	12.8	506,007	14.3	566,960	9.5	374,451	3,960,014
1981-82	69.5	2,011,748	10.6	306,301	12.2	353,045	7.7	221,538	2,892,632

DIVISION OF FORESTRY AND WILDLIFE

The activities of the Division of Forestry and Wildlife fall under three Planning-Programming-Budgeting System programs: LNR-172 Forest Product Development, LNR-402 Forest and Open Spaces, and LNR-804 Other Inland-based Outdoor Activities. Many of the activities involve two or more LNR programs, reflecting the Division's multi-purpose nature.

FOREST PRODUCTS DEVELOPMENT PROGRAM

Activities in this program coincide with processes involved in turning seeds into wood products for the market. The Division grows and distributes tree seedlings for public and private use, establishes and maintains forest plantations, plans and administers forest product inventories and sales, and assists landowners on technical forestry matters. This program is under LNR-172, Forest Product Development.

Nursery Production

Kamuela Central Tree Nursery. During the fiscal year, the nursery produced and distributed 205,089 bare root and 155,979 containerized seedlings. Plantings for wood and wood fiber production accounted for 147,350 seedlings and 194,212 were for windbreak planting. The balance (19,506 seedlings) was for purposes such as erosion control, and for Christmas tree and native species plantings.



Workers at the Kamuela Nursery "Filling Station" preparing growing tubes for containerized seedlings.

The containerized seedling system has basically been completed. An assembly line setup mechanically inserts the growing medium and seeds into the dibbling tube. From here the tubes, which are placed one-hundred to a tray, are taken to one of three growing sheds. These sheds, measuring 44 feet by 70 feet, have a capacity of 72,000 seedlings with a annual output of three crops. With three sheds, the nursery's yearly containerized seedling production should approach 650,000 seedlings.



Selecting, culling, and replanting the growing tubes for containerized seedlings at Kamuela Nursery.

Maui District Nursery. During the year the District nursery supplied 58,028 trees for various projects:

Kahoolawe Rehabilitation Project. About 29,000 Tamarisk cuttings were started and grown in supercell containers for outplanting in windbreak lines on Kahoolawe.

Molokai Windbreak Project. Over 10,700 ironwood seedlings were grown and distributed to Molokai farmers and other private landowners with lands in need of wind protection.

Molokai Biomass Project. More than 14,000 giant *Leucaena* and *Eucalyptus saligna* seedlings were grown and shipped to Molokai to help with the establishment of a cooperative biomass planting experiment between Lokahi Pacific and Molokai Electric Company.

Arbor Week. About 2,500 ornamental and fruit trees were grown and distributed to the public during the very popular Arbor Week Program.

Special Projects. About 2,000 trees and ornamentals were grown for special plantings.

Native Species Project. Native plant species were grown and distributed to various people and organizations. These included plant sanctuaries, arboreta, botanical gardens, parks, and individuals interested in growing and perpetuating native species.

Hawaii District Nursery. Almost 14,000 seedlings were propagated and distributed during the year.

Timber Trees. About 10,300 trees for reforestation and 250 trees for use by various government agencies and for Arbor Day distribution were grown.

Ornamentals. More than 2,000 plants for landscape and beautification use were distributed to various government agencies and to the public on Arbor Day.

Native Species. Some 1,270 native plants were grown and distributed to various government agencies and to the public on Arbor Day. About 900 of the plants were used for wildlife habitat improvement projects.

Kauai District Nursery. Benches were constructed and an automatic sprinkler system was designed and installed, making the Lihue Forestry Nursery fully operational. The automatic system has eliminated overtime work assignments. The nursery produced and distributed 11,930 plants.

Ornamentals. About 730 plants for beautification projects were distributed to the public and various government agencies.

Erosion Control. More than 11,200 plants were produced for erosion control plantings.

Norfolk Island Pine. Natural-grown forest wildlings continue to be harvested during the year for worldwide distribution under the minor forest-products sale operation. About 280,600 wildlings were collected and sold during the year.

Kamuela Central Tree Nursery Stock. The majority of plants distributed for windbreak, erosion control, and biomass/timber plantings come from the Kamuela Central Tree Nursery. After delivery, many are held for continued growth at Lihue until ready for distribution. About 14,500 seedlings were distributed for windbreak plantings and 8,700 seedlings for erosion control and timber plantings.

Oahu District Nursery. During the past year, over 1,000 Norfolk Island Pine and 200 ornamental seedlings were grown. Much of the Norfolk Island Pine seedlings were distributed to school organizations to help reinforce the concept of conservation to their members. The District depends heavily on the Central Tree Nursery in Kamuela for seedlings to fill Oahu requests.

Tree Plantings and Stand Improvement

Tree planting and stand improvement are labor-intensive activities whose success rely heavily on preparation and timing.

Maui District. Work occurred mostly on State lands surrounding the Olinda prison. These lands have been planted with pines to check the spread of gorse and to provide a source of timber for the future.

Hawaii District. Most of the work was done in the Waiakea Forest Reserve and the Laupahoehoe Koa Management Area.

Kauai District. Work was mainly done in the Kalepa, Nono and Puu Ka Pele Forest Reserves.

Oahu District. No new area was planted. Instead, replanting was done in previously planted areas in need of re-stocking. Work was also accomplished on the two established Christmas tree stands in the Waiahole and Honolulu Watershed Forest Reserves.

Forestry Assistance

During the year, 276 calls for technical assistance were handled, ranging from developing forest management plans and advising on windbreaks and erosion control measures to assisting urban landowners and harvesters of forest products. Assistance, as measured in land units, was extended to 8,165 acres.

The Division expanded its capability to participate in the development of wood as an alternate energy source along the following major lines: increased capacity for tree seedling production at the Central Tree Nursery, Kamuela, Hawaii; development of selected state lands as Energy Tree farms; and providing technical assistance regarding site and species selection, management needs, and utilization opportunities to landowners and their consultants.

FOREST PROTECTION AND ENHANCEMENT PROGRAM

The program objectives are to conserve and enhance open spaces, forests, and wilderness areas; to protect watersheds, scenic beauty, wildlife habitat, and examples of undisturbed ecosystem; to maintain arboreta and to display varieties of plant species; to control and suppress fires, erosion, noxious plants, and other damaging agents; to develop and maintain high quality wildlife habitats; and to protect and preserve unique native plant and animal species. The program is under LNR-402, Forests and Open Spaces.

Fire Management

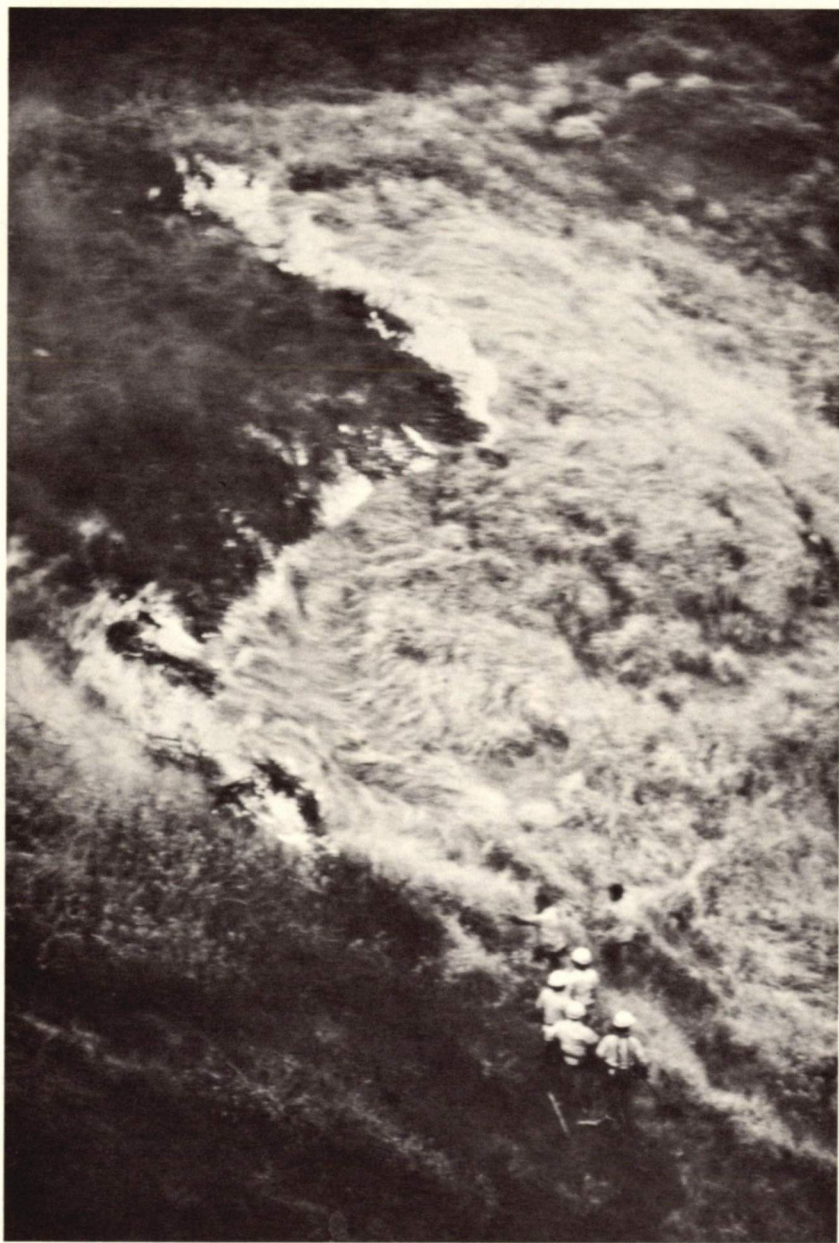
July, August, and September of 1981 were typical, dry trade-wind months. Brush fires were common throughout the State. The most serious problems occurred on Molokai where grass and weeds took over abandoned pineapple fields. The fires that started during periods of strong winds moved rapidly toward homes downwind. Several fires threatened homes and, in at least one case, evacuation was required. The spring and early summer of 1982 have been wet, so no serious fires have occurred since January.

The Division supplemented fire fighting resources on Molokai by training Department and County employees in basic fire fighting methods and safety considerations. Training also was provided to District Fire Wardens and their personnel, employees of the Hawaiian Homes Commission and to a security team from Kaluakoi Resort. A small fire tool cache has been equipped with basic wildland fire fighting tools for use by trained employees.

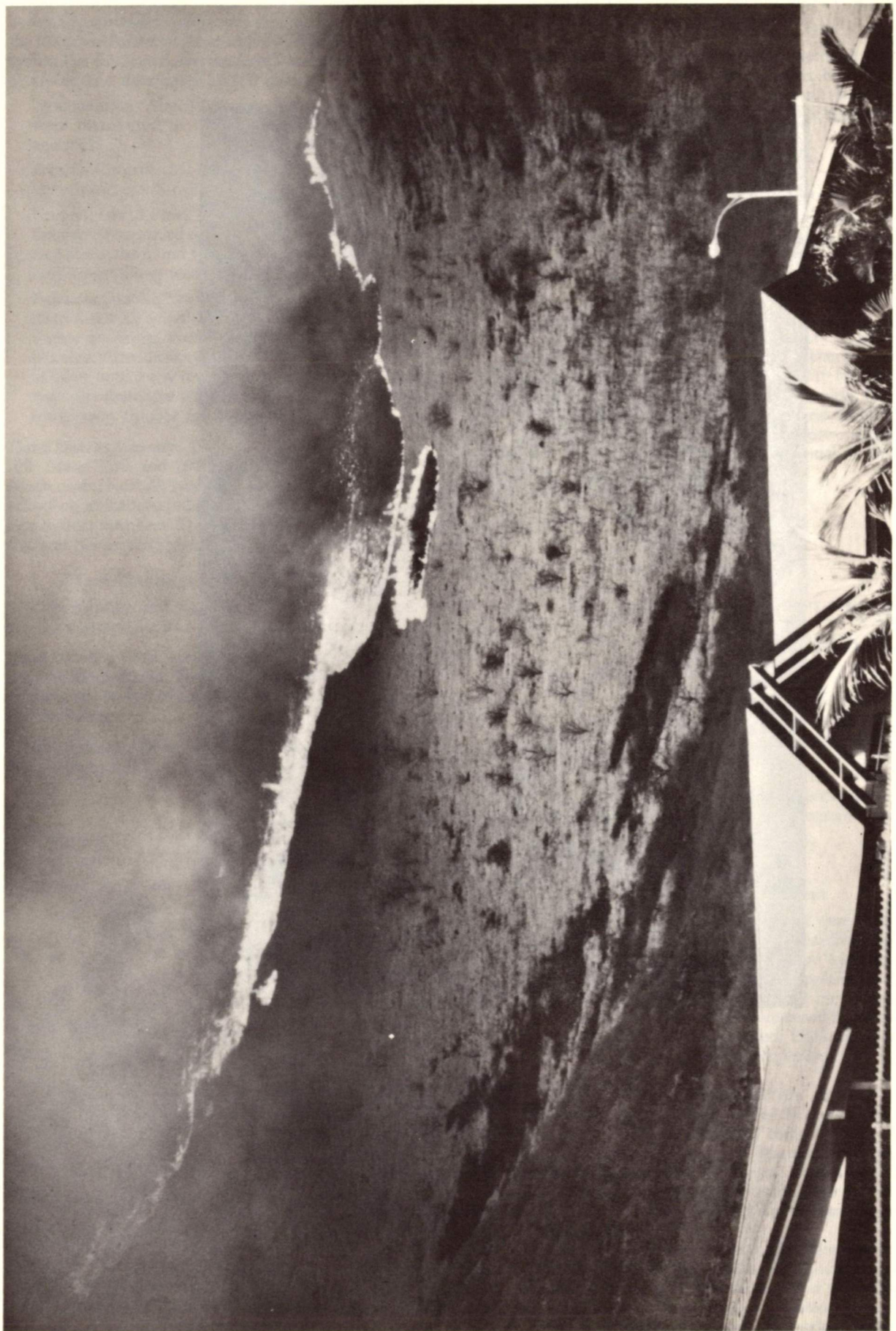
The Division is set up to respond to emergency calls on short notice day or night. Recognizing that County fire departments are first to be called in any disaster and that no single agency can handle major disasters alone; the Division stands ready and able to lend logistical support and backup personnel.



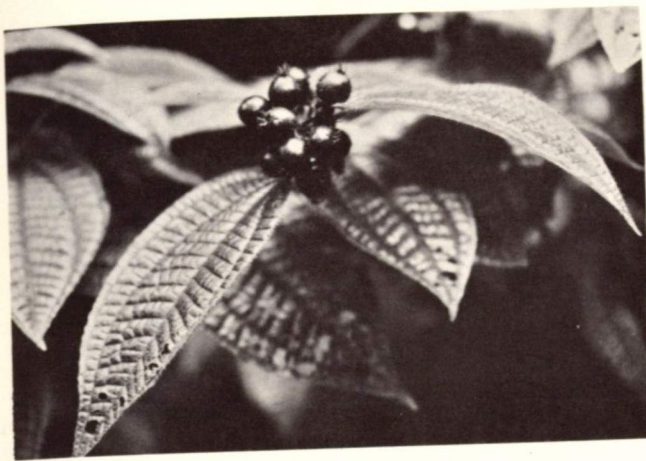
Reforestation in Puu Ka Pele Forest Reserve, Kauai.



Maui crew making direct attack on a fire at
Waialapa Gulch, June 82.



Hawaii can have major wildland fires when conditions are dry and windy. This fire burned Nanakuli Valley June 1981.



Troubles from these two attractive plants are big with forest pest management.
Clidemia (left) and Banana Poka (right).

Forest Pest Management

Significant work was accomplished on the following pests: the forest weeds banana poka (*Passiflora mollissima*) and clidemia (*Clidemia hirta*), the Western yellowjacket (*Vespula pensylvanica*), the stress-related problems in pine plantings on Kauai and Molokai, and the ohia decline on the Big Island.

The Division took the following actions on banana poka and clidemia:

- (1) Developed a cooperative banana poka control program involving the National Park Service, the U.S. Department of Agriculture's Animal and Plant Health Inspection Service and Agricultural Research Service, the Institute of Pacific Islands Forestry (U.S. Forest Service), and the Hawaii Departments of Agriculture and Land and Natural Resources;
- (2) Sent an Agricultural Research Service exploratory entomologist to South America to search for natural enemies of banana poka;
- (3) Sent a Hawaii Department of Agriculture exploratory entomologist to Trinidad on an in-country testing program for a year to select natural enemies of clidemia;
- (4) Started action to recruit an exploratory entomologist to do long-term research and study in South America for natural enemies of banana poka; and
- (5) Initiated a project in May to install an automatic watering system for growing test plants needed in the final testing phase of the clidemia biological control project.

Western yellowjacket activity has been on the decline because of a wet year. A poison-bait yellowjacket control system is still being sought by the personnel of the cooperating agencies: the Hawaiian Sugar Planters' Association and the Departments of Health, Agriculture, and Land and Natural Resources.

Stress-related yellowing and death of pine plantations on Kauai and Molokai escalated during the drought period of 1975-1978. The U.S. Forest Service assisted the Division in developing a five-year special project to demonstrate the value

of reducing between-tree competition. Findings will be valuable in preparing management prescriptions for pine plantations as well as other timber plantations.

The decline of ohia trees near Hilo has been the main focus of forest research since the early 1970's. A biological evaluation was completed in December 1981 in cooperation with the U.S. Forest Service, San Francisco, and is being used as the basis for initiating the formulation of management strategies.

Endangered Plant Species Program

The Division compiled all known information about Hawaii's endangered plant species. Reconnaissance surveys are being conducted for plants that are either listed or proposed for listing on the Federal Endangered Species list. Specific survey sites included: the proposed Laupahoehoe Natural Area Reserve, Hawaii (2,500 acres); Kamakou Preserve, Molokai (1,800 acres); Puu Huluhulu, Hawaii (25 acres); a silversword bog in Upper Waiakea Forest Reserve, Hawaii (1 acre); a portion of Kaukapapala Forest Reserve, Hawaii (2,200 acres); 12 cindercones in South Kohala, Hawaii (730 acres); and land surrounding five reservoirs in northeastern Kauai (300 acres).

Hawaii District is working on the recovery of the critically endangered Mauna Kea silversword. Within the 52-acre Kahinahina enclosure on Mauna Kea, 75 silversword seedlings were planted this fiscal year. During the past several years, young plants propagated from seeds collected from natural and planted silverswords at Kahinahina have been added to the enclosure annually with good success. In addition to the dozen or so natural plants, there is an estimated 250 planted ones now growing in the enclosure. Five natural seedlings from seeds of one of the planted silverswords were found during the year. It is anticipated that, eventually, the population within the enclosure will be able to sustain itself naturally. The Hawaii Volcanoes National Park has contributed significantly to this project by growing the seedlings at their nursery in Volcano.

To help improve public knowledge of rare plants, brochures describing 68 rare Hawaiian plants were printed. The brochure illustrated plant species or variety, its name(s), description, habitat, and known threats.

A program plan for threatened and endangered flora and invertebrates was prepared and is currently being reviewed. The plan provides program background, establishes goals, then addresses specific problems and suggests possible solutions.

Endangered and Threatened Animal Species Program

Biannual inventories were made to determine trends in water bird populations, including the native endangered Hawaiian stilt, gallinule, coot, and duck. Populations were surveyed in August and January on a statewide basis. The survey sites generally include permanent, regularly used waterbird areas in the lowlands. The results were:

	August 1981	January 1982*
Hawaiian stilt	1,217	694
Hawaiian gallinule	78	194
Hawaiian coot	997	785
Koloa (Hawaiian duck)	68	128

*Difference in numbers from last count reflects seasonality.

Under the island-wide Shearwater Aid Program on Kauai, a total of 1,123 threatened Newell shearwater fledglings were salvaged, banded, and released in the fall of 1981. This Aid Program helps fallen birds that might otherwise perish. In addition, 5 endangered Dark-rumped petrels were rehabilitated and released under the Program. Ninety-eight percent of the rescued birds were released into the wild.

Nene (Hawaiian Goose) Restoration Project

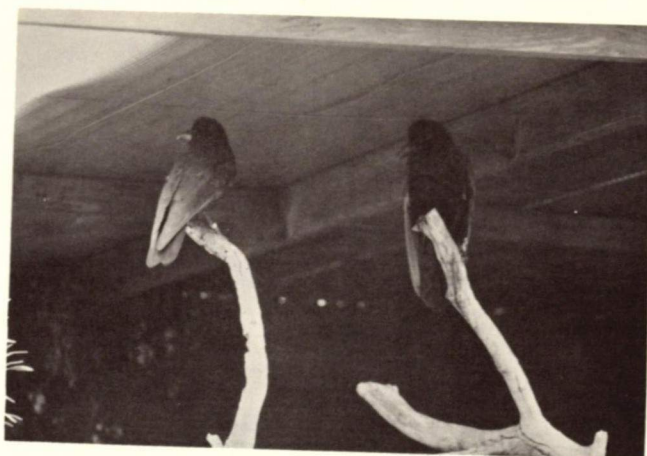
The monitoring of Hawaii's State bird, the wild Nene, continued in order to determine distribution, movements, reproduction, and survival on Hawaii and Maui. Habitat improvement and predator control were conducted on a localized basis on Hawaii. Although up from an estimated low of 30 wild Nene in 1951, the current statewide population of wild Nene is estimated at no more than 500 birds. It is believed that the wild Nene will not be able to reproduce and survive in the wild and that captive rearing needs to be continued in order to maintain the population.

The project continued with the production of young at the Endangered Species Breeding Facility at Pohakuloa. Seven pairs of captive Nene at Pohakuloa produced 19 goslings during the 1981-82 breeding season. These birds will eventually be released on either Maui or Hawaii. No birds were released this year on either island. Since the program began in 1960, a total of 1,319 Nene have been released on the Big Island. The statewide total of Nene released on Hawaii and Maui is 1,792.

The Division also participated in Nene management meetings and in the review of a draft Nene Recovery Plan which is being prepared by the U.S. Fish and Wildlife Service.

Alala (Hawaiian Crow) Restoration Project

An action program to bring this unique species back from the "brink of extinction" is in progress. Field studies to relocate and monitor known nesting sites and pairs were continued by Division biologists. Only two active nests in the Honaunau Forest Reserve and one on Puuwaawaa Ranch were found. An unemployed (non-nesting) pair was also found in Honaunau. The number of active nests located this year was lower than past years, due in part to loss of access to some private lands which support breeding pairs of Alala. Alala fledglings were monitored and two (in Honaunau) were banded with plastic and aluminum leg bands. This brought the number of adult (6) and juvenile/fledgling (32) Alala banded to 38. To date, 13 individuals have been identified in the field using their individual color band combinations. Division biologists are able to gather comprehensive field information by following the banded birds.



"Luukia", the female (left), and "Umi", the male (right), are the primary breeding pair of alala (Hawaiian crow) at the Division's Endangered Species Breeding Facility at Pohakuloa, Hawaii.



Dr. Calvin Lum, General Curator and Veterinarian for the Honolulu Zoo, works with Division personnel in performing a laparoscopy on a young crow to determine its sex.

Efforts to breed Alala in captivity continued. The breeding and rearing efforts were concentrated at the Endangered Species Breeding Facility at Pohakuloa, in consultation with Honolulu Zoo personnel. A team of four cooperating veterinarians, formed in March 1981 especially to advise on this project, provided guidance and technical assistance on veterinary matters. The Phoenix Zoo loaned an aviculturist to the Alala project for four months in order to provide constant care and observations of the breeding adults, monitor incubation and rear any young that hatched. However, problems with the reproductive organs of "Luukia", the project's only paired female, apparently hindered egg laying and resulted in no eggs being laid in 1982. In an attempt to get a head start on the 1983 breeding season, laparoscopies were performed on the four juvenile Alala at Pohakuloa in May in order to determine the sex of these birds. Knowing the sex of these juveniles before the 1983 season will allow project personnel to introduce birds of the opposite sex to one another to facilitate the formation of pair bonds. Three of these juveniles were raised in captivity at the Honolulu Zoo last year, the first ever to be so raised.

Koloa (Hawaiian Duck) Restoration Project

Thirty-eight of the thirty-nine Koloa raised at the Endangered Species Breeding Facility at Pohakuloa during the 1981 breeding season were sent to Honolulu in March to be released in Ho'omaluhia, a City and County park in Kaneohe. After four days of quarantine, the flight feathers of one wing of each bird were removed and the ducks placed in a pen on an island in the park's wildlife sanctuary. A yellow dye, placed underneath the wings by Division biologists, will help in tracking the movement of these Koloa within and outside the park. The pen was opened on April 7, 1982 to let the birds roam as they pleased. This "gentle release" technique allowed the Koloa to become oriented to and familiar with their new surroundings while at the same time protecting them from predation. Sightings after their release indicated that the birds have become oriented to their new home and are feeding and loafing in the streams and ponds within the park. No Koloa were released on the Big Island this year.



Oahu District Biologist Ralph S. Saito checks a Koloa (Hawaiian duck) just prior to releasing it at Ho'omaluhia Park in Kaneohe.

Northwestern Hawaiian Islands Management

Division biologists made several trips to Kure Atoll in the Northwestern chain to continue a monitoring program for seabirds and atoll vegetation. Green Island and adjacent sandpits within the atoll are part of the Hawaii State Seabird Sanctuary system, and active management is necessary due to the presence of a U.S. Coast Guard Loran Station within the refuge.

Species counts and observations of their breeding status were made on many of the 14 indigenous seabirds, including the Laysan albatross ("Gooney Bird"), Red-tailed Tropicbird, Brown Booby and Sooty Tern. Aerial photographs together with ground inspections are being used to prepare vegetation maps of Kure Atoll to record long-term changes of vegetation distribution and composition. A cooperative program with the U.S. Coast Guard was initiated to control polynesian rats which prey on seabirds on Green Island of Kure Atoll.

Mauna Kea Sheep and Goat Eradication

A Federal Court determined that maintaining feral sheep and goats on Mauna Kea on the Island of Hawaii is contrary to the Endangered Species Act of 1973 because of the threat posed to the habitat of a native bird, the palila. An eradication plan was carried out through a program using public and staff hunters. Between July 1, 1980 and August 1, 1981, public hunters accounted for 1,327 feral sheep and 112 feral goats taken on 3,895 hunter-trips. The staff took an additional 104 feral sheep (no goats) off Mauna Kea in September and October. It was estimated that there were 40 feral sheep and 6 feral goats remaining on Mauna Kea on August 1, 1981, the deadline for eradication. Thereafter, the remnant flocks were systematically hunted.

Kahoolawe Management

Last year, there was a period of ideal tree-planting weather, and 10,600 Tamarisk seedlings were planted. The goal for 1983 is 20,000 plants. Trees planted prior to 1981 are growing well and forming good windbreaks.

Revegetation of Kahoolawe is a joint effort started in 1970 by the Department, the U.S. Forest Service and the Navy. The program is now in full swing hampered only by unpredictable weather.

FOREST RECREATION PROGRAM

There has been a growing demand for forest recreation facilities and opportunities. The Division is working to meet this demand by building and maintaining hiking trails, trail shelters, vista points, hunting grounds, and other outdoor provisions. This program is under LNR-804, Other Inland-based Outdoor Activities.

Maui District Projects. On Maui, 19.8 miles of forest trails were maintained primarily in the popular Polipoli area within the Kula Forest Reserve. Almost 60 miles of forest roads were maintained again, especially in the Kula Forest Reserve where public access for hunting and recreation is in great demand. Over 17 miles of forest fences were maintained.

The popular roadside stops at Waikamoi, Puohokamoa, and Haipuaena are regularly maintained to preserve their beautiful natural settings. These recreation stops along the Hana Highway receive heavy use.

On Molokai, the entire Molokai Forest Reserve access road was maintained and kept open except during an unusually wet winter period. Lack of an equipment operator on Molokai handicapped repair efforts. Waikolu Lookout and Picnic Grounds and Lua Moku Iliahi (Sandalwood) measuring pit continue to be popular attractions along the forest road.

Kauai District Projects. Funds for the acquisition of a Nonou Forest Reserve right-of-way were deposited at the District Court pending condemnation proceedings.

Recreation work involved improvement and maintenance of existing trails, shelters, arboreta, and other public facilities.



Making a trail (Kukui Trail) in Puu Ka Pele Forest Reserve, Kauai.

Oahu District Projects. During the past year, over 50 miles of trails and 35 miles of forest roads were maintained and kept open for public use. A picnic shelter and table were also constructed at Peacock Flats in the Mokuia Forest Reserve to enhance the popular camping area.

During the past year, 225 hiking and camping permits were issued. Many of these permits were issued for the popular Koolau Summit trail where two forest shelters are located and weekend camping is allowed.

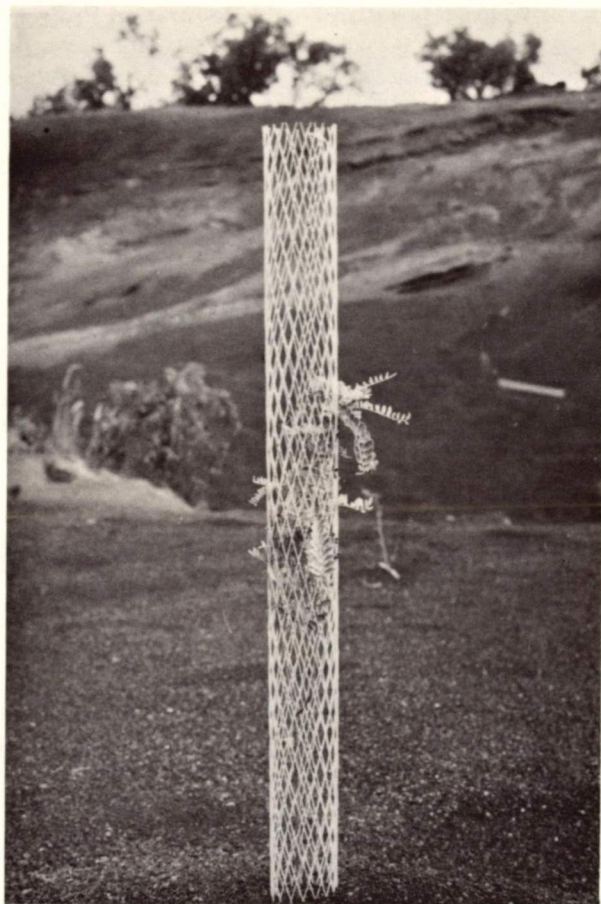
The arboretum in Makiki Valley continues to receive heavy use by the public. The newly established Makiki Environmental Education Center offers guided hikes into the valley for school groups and other organizations. During the year, the Center served over 1,700 people.

Beautification and Native Plant Species Program

Maui District. About 2,000 ornamental trees and ground cover species were provided for community project plantings, primarily the Kaahumanu Avenue medial strip beautification project.

Keanae Arboretum continues to be a popular public attraction along the road to Hana. Tourists, who make up about 80 percent of the visitors, appreciate the opportunity to see beautiful tropical plants in a native setting. Schools and the adjacent YMCA camp make use of this arboretum for educational field trips on Hawaiiana. Some local residents come to view and study the excellent collections of Hawaiian taro, banana, sugarcane, and medicinal plants.

Hawaii District. Seventeen acres of Mauna Kea were planted with potted mamane forest seedlings for erosion control and mamane forest improvement purposes. Plantings were done within and outside of fenced exclosures. Protective plastic tubes of the type proven effective in protecting planted conifers from deer and elk damage on the mainland were placed on selected seedlings on a trial basis.



Four-month old Mamane seedling fitted with protective netting to discourage feeding by feral animals at Mauna Kea, Hawaii, planted March 1982.

Kauai District. Beautification plants, including native species, were furnished for projects at Kauai High School, the S.C.S. Native Plant Arboretum at Lydgate State Park, All Saints Church, the Division's Urban Forestry Arboretum, and the U.S. Navy Barking Sands installation.

Oahu District. Over 200 native plants, ranging from ohia to palapalai fern, were propagated and distributed to the public. Two hundred-fifty Norfolk Island Pine seedlings were planted by the Boy Scouts in Kuaokala Forest Reserve to upgrade the recreational quality of the area by lessening soil erosion and establishing a much needed windbreak.

Youth Conservation Corps

The objectives of the YCC program are to accomplish much needed work on public lands; to provide gainful employment to males and females of all social, economic, and racial classifications; and to develop a better understanding of Hawaii's natural environment and heritage.

Youths between the ages of 15 through 18 are paid for 30 hours of work per week. The youths put in an additional 10 hours per week, without pay, for environmental and heritage education. A total of 6,482 hours was put into work projects with an estimated value of \$45,867. Major work accomplishments involved road and trail maintenance, fence construction

and maintenance, building and ground maintenance, tree planting, timber stand improvement, wildlife habitat improvement (including assistance to the U.S. Fish and Wildlife Service), and taro lo'i construction and maintenance.

The YCC program received no federal funds during this period. With meager State funds, three small projects were established on the islands of Hawaii (10 corpsmembers), Maui (10 corpsmembers), and Oahu (11 corpsmembers).



Oahu Re-establishing a taro lo'i at the district baseyard (above).

Planting taro huli (right).



Maui Preparing lau lau.



Hawaii

Building an enclosure to improve gamebird habitat at Kahinahina.

Young Adult Conservation Corps

Due to federal budget reductions, the Young Adult Conservation Corps (YACC), a part of the 1973 Comprehensive Employment Training Act, was phased out during the year. Started in April, 1978, this program was solely funded by the federal government for unemployed, non-student adults between the ages of 16 and 23.

The YACC performed conservation work on non-federal public lands. A total of 33,664 hours was expended on tree planting, trail maintenance, vehicle maintenance, and wildlife habitat improvement with an estimated value of \$231,384. Besides providing gainful employment, the YACC program taught the enrollees work ethics and job skills.

Game Research and Surveys

Studies and surveys were conducted to obtain information for more intensified management of game resources. Statewide aerial and field surveys were used to estimate mouflon populations on Hawaii and Lanai; deer populations on Molokai, Lanai, and Kauai; and goat populations on Kauai. An incremental life history study of Erckel's francolin on Kauai resulted in the collection of considerable information about food habit, nesting chronology, and habitat preference that will be useful in managing the species for better public hunting.

It was estimated that there was a pre-season population of 680 mouflon in the Cooperative Game Management Area of Lanai and 500 mouflon in the Mauna Kea Game Management Area on the island of Hawaii. The deer population was estimated at 325 blacktail deer on Kauai and 2,400 and 200 axis deer, respectively, for the islands of Lanai and Molokai. On Kauai, the estimate of the goat population for the Waimea Canyon and Na Pali Coast was 450 and 1,650 respectively.

Public Hunting

A million acres of land in the State are managed by the Department for public hunting. These include State-owned lands within the Conservation Districts, Hawaiian Home Lands, forest reserves, Federal lands operated under management agreements, and private lands made available through cooperative agreements. These lands include 389,781 acres which have been designated "Game Management Areas" because of their exceptional potential for public hunting.

Statewide, game mammal hunters made 6,938 trips into game management areas, which was somewhat lower than the previous year. A total of 1,856 mammals were harvested on game management areas including 81 feral sheep, 886 feral pigs, 427

feral goats, 396 axis deer, 21 blacktail deer, and 45 mouflon sheep. 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 is available, was undoubtedly significant, particularly for axis deer and feral pigs.

Due to extremely dry weather and poor survival of young, the 1981-82 game bird hunting season was relatively poor. The number of hunter-trips made into public hunting areas was 6,134, with a total harvest of 4,323 game birds. There was a noticeable increase in the number of Erckel's francolins harvested this year.

Development, maintenance, and operation of public hunting areas to enhance game bird and mammal productivity and to provide facilities for hunters were continued. To supplement wild food plants, supplemented food was distributed at the Kekaha Game Management Area on Kauai and Game Management Area on Lanai. Two game bird feeding sites on the island of Hawaii were planted in seedlings to augment the food supply. More than 70 acres of land were cleared on Kauai in the Kekaha Game Management Area to maintain openings for bird and mammal habitat. Over 230 acres of land were planted with native and food species of trees, shrubs, herbs, and grasses to benefit game and non-game wildlife species on Hawaii, Maui, and Kauai. Other projects included development of 3 new game watering units on Molokai, Oahu, and Maui. Big game and game bird water units, 150 miles of hunter access trails and roads, hunter checking stations, and informational and boundary signs were maintained on all islands.

Wildlife Plan

The final draft of the Hawaii Wildlife Plan was submitted to the Board of Land and Natural Resources for approval. The Board deferred action on the Plan pending review by hunter organizations and the Animal Species Advisory Commission. The Plan will serve as a guideline for State wildlife programs involving recreation and protection activities.

SUPPORT SERVICES

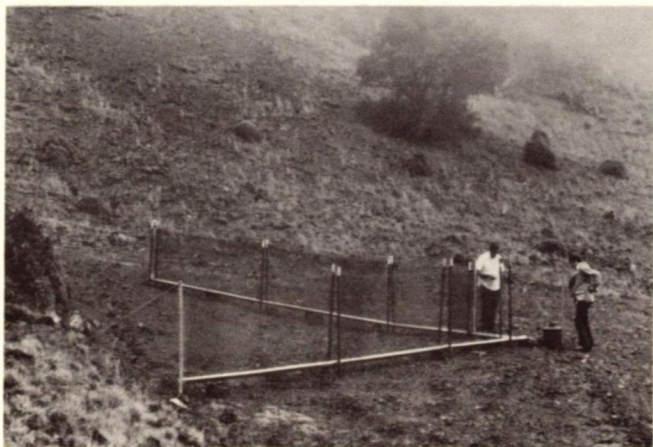
Support services involve research and technology transfer, scientific research, and forest land acquisition and withdrawal. Besides internal support, the Division receives scientific research support from the Institute of Pacific Islands Forestry, U.S. Forest Service.

Research and Technology Transfer

Inasmuch as the Division is mandated to manage and protect Hawaii's forest and wildlife resources, it has an obligation to gather and compile resource information and to keep abreast of new technology to accomplish these tasks.

Multi-Resource Inventory Project. The multi-resource inventory concept is in consonance with the Division's management goals. Accordingly, this project continues to meet an increasing demand for current resource data. The following are highlights:

- (1) An instruction manual was completed by federal and local inventory specialists. To test the inventory scheme, several field trials were conducted on Oahu.
- (2) A standardized vegetation classification system for Hawaii was developed in cooperation with the U.S. Forest Service. The system should have a broad range of applications for resource managers in Hawaii. A publication is planned for issuance in 1983.



Artificial condensation fence erected at Kahinahina, Mauna Kea Game Management Area, Island of Hawaii. Water collected is fed into a game animal water device for use during drought periods.

Prime Forest Lands Project. The Prime Forest Land reports and maps for the islands of Hawaii and Maui are now available in published form. The mapping of Kauai and Oahu has been completed and the narratives are being prepared.

The mapped information for the respective islands are on U.S. Geological 1:24,000 scale quads. The master copy is on file with the Forest Survey Section in Honolulu. Duplicate copies are available for review in the respective Districts.

Information derived from this project provides useful data for land and resource management.

Telecommunications. The Statewide microwave project continues towards its scheduled completion date of calendar year 1982. Due to assistance from the Department of Health, an additional link tying the Kalanimoku Building directly into the system will be gained. This will allow the system to terminate in downtown Honolulu, something not previously envisioned.

Remote Sensing. As one of the agencies represented in the State's Ad Hoc Committee on Remote Sensing, the Division is

presently furthering one of the Committee's recommendations to establish an in-state LANDSAT processing capability. The Division is also investigating the capabilities of the Hawaii Institute of Geophysics, Planetary Geosciences Division. A LANDSAT classification of Kauai has been tried and the results should be published soon.

The Division continues to assist staff and the general public in the acquisition, filing, and use of remote sensing material. The use of this technology and equipment continues to facilitate several planning and inventory efforts.

Additions and Deletions to Forest Reserves

Governor Ariyoshi signed Executive Order 3118 on February 1, 1982 making 411 acres of Hanahanapuni, Land of Wailua, Kauai, a part of the Lihue-Koloa Forest Reserve. Similarly, some 208 acres of forest lands were withdrawn by Executive Orders 3121 through 3129, signed on March 2, 1982. The lands were part of Olaa Forest Park Reserve, Hawaii, 146.5 acres; and Panaewa Forest Reserve, Hawaii, 61.8 acres.

REFORESTATION PROGRAM IN STATE FOREST RESERVES

Island	Acres of Accomplishment						
	Site Prep.	Planting	Replanting	Weeding	Fertilizing	Pruning	Thinning
Hawaii	254	105	20	274	268	0	20
Maui	72	70	143	85	0	20	10
Molokai	0	0	0	0	0	13	0
Oahu	0	0	10	24	19	4	9
Kauai	52	59	0	6	1	74	0
TOTAL	378	234	173	389	288	111	39

SEEDLINGS PRODUCED AND DISTRIBUTED BY THE DIVISION

Common Name	Quantity
Koa	13,948
Blackwood Acacia	0
River-Oak Casuarina	60,959
Beach Shortleaf Ironwood	24,224
Sugi	6,207
Mexican Cypress	26,877
Monterey Cypress	11,620
Lemon-Gum Eucalyptus	618
Mindanao Gum Eucalyptus	4,152
Bluegum Eucalyptus	534
Rosegum Eucalyptus	32,895
Gray Ironbark Eucalyptus	3,028
Robusta Eucalyptus	1,898
Saligna Eucalyptus	47,167
Red-Ironbark Eucalyptus	588
Hibiscus, Hedge Varieties	1,945
Paperbark	15,715
Olive	15,815
Slash Pine	67,936
Monterey Pine	14,962
Monkey-pod	1,000
Redwood	3,478
Toona	150
Brushbox	1,246
Queensland-Maple	10,340
Norfolk-Island Pine	4,890
Athel Tamarix	29,000
Others	10,000
Subtotal: Timber, Windbreak and Biomass Seedlings	411,192
Subtotal: Ornamental and Beautification Seedlings	38,080
TOTAL	449,272

CONSTRUCTION AND MAINTENANCE OF ROADS, TRAILS, AND FENCES

Island	Miles of Construction			Miles of Maintenance		
	Roads	Trails	Fences	Roads	Trails	Fences
Hawaii	0	2.8	2.8	46.2	9.0	17.2
Maui	0	0	1.4	89.1	29.8	18.0
Molokai	0	0	0	51.8	0	7.6
Oahu	0	0.1	0.1	42.7	84.0	0.2
Kauai	0	2.6	0.4	40.4	110.9	2.4
Lanai	0	0	0	13.5	0	0
TOTAL	0	5.5	4.7	283.7	233.7	45.4

WILDLIFE HABITAT IMPROVEMENT, NOXIOUS PLANT CONTROL, EROSION CONTROL
AND ARBORETA MAINTENANCE

Island	Acres of Accomplishment			
	Wildlife Habitat Improvement	Noxious Plant Control	Erosion Control	Arboreta Maintenance
Hawaii	239	10	18	165
Maui	10	71	0	68
Molokai	0	3	0	0
Oahu	30	28	5	99
Kauai	133	42	38	209
Lanai	4	0	0	0
TOTAL	416	154	61	541

FOREST AND BRUHLAND FIRES IN MUTUAL AID (CM-2) PROTECTION AREAS

Item	Number				
	Hawaii	Maui/Molokai	Oahu	Kauai	TOTAL
Cause of Fire:					
Campfire	2	0	1	1	4
Smoking	14	16	4	0	34
Incendiary	20	14	1	0	35
Debris Burning	31	28	0	6	65
Equipment Use	3	1	1	0	5
Children with Matches	8	13	2	0	23
Miscellaneous	26	22	37	4	89
Areas Burned by Size-Class:					
Less than 1 acre	62	55	36	6	159
1 to 9 acres	33	26	7	4	70
10 to 99 acres	2	8	2	1	13
100 to 299 acres	5	0	1	0	6
300 to 999 acres	0	0	2	3	5
More than 1,000 acres	0	2	0	0	2
No. of Fires Reported	104	94	46	11	255
Acres Burned	2,155	4,461	260	43	6,919

NUMBER OF GAME MAMMALS HARVESTED, AS REPORTED BY HUNTERS

Mammal	Number Harvested						TOTAL
	Hawaii	Kauai	Maui	Molokai	Oahu	Lanai	
Pig, Boar	238	162	42	95	1	0	538
Pig, Sow	159	71	28	69	1	0	328
Blacktail Deer, Buck	0	21	0	0	0	0	21
Goat, Billy	4	244	0	12	0	0	260
Goat, Nanny	7	144	0	16	0	0	167
Mouflon Sheep, Ram	20	0	0	0	0	25	45
Feral Sheep, Ram	37	0	0	0	0	0	37
Feral Sheep, Ewe	44	0	0	0	0	0	44
Axis Deer	0	0	0	3	0	393	396
TOTAL	509	642	70	195	2	418	1,836
NO. OF HUNTER-TRIPS	1,734	2,938	422	352	55	1,437	6,938
MAMMAL/HUNTER-TRIP	0.29	0.22	0.17	0.55	0.04	0.29	0.26

NUMBER OF GAME BIRDS HARVESTED, AS REPORTED BY HUNTERS

Bird Species	Number Harvested						TOTAL
	Hawaii	Kauai	Maui	Molokai	Oahu	Lanai	
California Valley Quail	802	10	26	16	0	0	854
Gambels Quail	0	0	0	0	0	6	6
Japanese Quail	63	6	0	1	0	5	75
Ring-necked Pheasant	109	333	211	8	2	70	733
Nepal Kalij Pheasant	38	0	0	0	0	0	38
Chukar Partridge	628	6	315	0	0	10	959
Grey Francolin	75	5	0	39	0	119	238
Black Francolin	203	25	0	61	0	0	289
Erckel's Francolin	362	372	0	0	55	19	808
Wild Turkey	62	0	0	0	0	0	62
Lace-necked Dove	0	53	0	15	0	24	92
Barred Dove	0	72	0	8	0	89	169
Mourning Dove	0	0	0	0	0	0	0
TOTAL	2,342	882	552	148	57	342	4,323
NO. OF HUNTER-TRIPS	1,649	2,414	822	386	520	343	6,134
BIRDS/HUNTER-TRIP	1.42	0.37	0.67	0.38	0.11	1.00	0.71
NO. OF HUNTING HOURS	10,497	11,105	3,563	2,108	2,530	1,213	31,016
HRS./BIRD	4.48	12.59	6.49	14.24	42.88	3.55	7.17
HRS./HUNTER-TRIP	6.37	4.60	4.33	5.46	4.87	3.54	5.06

MISCELLANEOUS (NO CHARGE) PERMITS

Type	Number
Scientific Collecting Permit	24
Field Trial Permit	23
Permit for Entry on Bird Sanctuaries	27
Permit to Keep Birds in Captivity	10
Permit to Take and Destroy Birds or Mammals Causing	
Damage to Crops or Constituting a Nuisance	46
Permits to Harvest Greenery for Personal Use	855
Hiking/Camping Permits (Oahu only)	225
TOTAL	1,210

OUTSIDE MONEY RECEIVED

Fiscal Year 1981-82

Source	Amount
Forest Product Sales	\$ 11,272
Hunting Licenses Sales	82,802
Federal Assistance:	
Rural Fire Prevention and Control	249,500
Improved Tree Seed	22,540
Multiple Resources and Forest Management Assistance (CFM)	37,658
Urban Forestry Assistance	13,832
Threatened and Endangered Species	69,636
Insect and Disease Control	25,717
Agricultural Conservation Program (ACP)	1,391
Seedling Production and Nursery Improvement	18,000
Renewable Resource Evaluation (RRE)	7,245
Resource Conservation and Development (RC&D)	5,000
General Forestry Assistance	18,000
Pittman-Robertson Federal Aid in Wildlife Restoration	244,103
Others: Recovery of Indirect Costs	36,080
Refund for Prior Year's Expenditure	57,192
Other Federal Aid:	
Young Adult Conservation Corps	191,499
Youth Conservation Corps	42,800
TOTAL	\$1,134,267

DIVISION OF STATE PARKS, OUTDOOR RECREATION AND HISTORIC SITES

The Division of State Parks, Outdoor Recreation and Historic Sites administers the state park system, historic preservation and statewide recreation planning. Basic activities relating to these functions are divided among three programs of the State's budgeting system; LNR 801, Historical and Archaeological Places; LNR 806, Park Recreation; and LNR 809, General Administration for Culture and Recreation.

HISTORIC AND ARCHAEOLOGIC PROGRAM

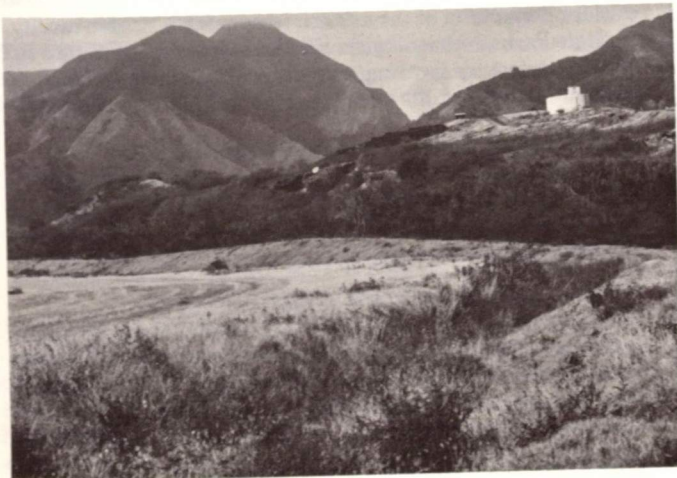
The objective of this program is to enrich the leisure time of people of all ages by preserving and making available for appreciation and study, places of historic and archaeological significance. Major activities include preservation, restoration, conservation, stabilization and interpretation.

Planning and Development

Planning and development projects were undertaken for six historic parks and state monuments. Archaeological research is being undertaken to assist in the planning, interpretation and development of the parks.

Halekii-Pihana State Monument, Maui

Planning and design funds were released for archaeological research and park design improvements. The archaeological research will be undertaken to assist in the design of trails, interpretive facilities and other improvements. Design improvements will also include removal of an abandoned concrete water reservoir.



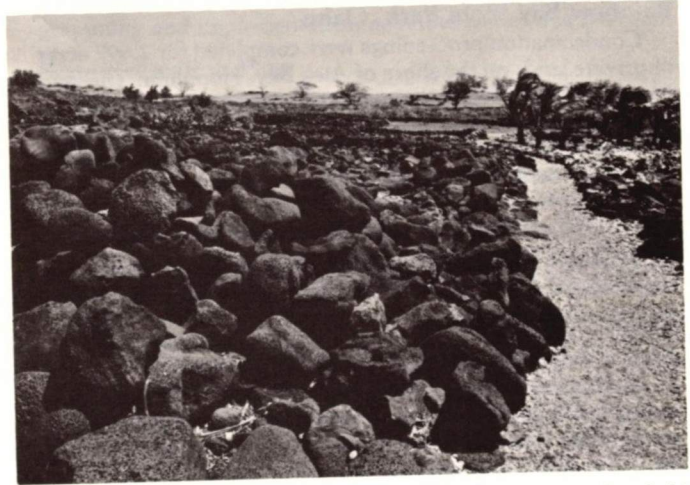
Planning and design funds have been released for Halekii-Pihana State Monument. The two heiaus situated on the sand dune were once the war temples of Kahekili, Maui's last ruling chief.

Kamoa Point State Historical Park, Hawaii

An archaeological scope of work is being developed for the planning stage. The scope of work is being coordinated with the Advisory Committee formed for Kamoa Point.

Lapakahi State Historical Park, Hawaii

The ongoing archaeological work is being directed and supervised by State Parks archaeologists. The work has included surveying, site mapping and recordation, and laboratory analysis of recovered materials. A consultant contract report on the cultural resources in North Kohala has been completed.



The ongoing archaeological program at Lapakahi State Historical Park has included surveying, and site mapping and recordation.

Puu O Mahuka State Monument, Oahu

Planning, design and construction funds were released. A construction contract was awarded to pave the one-mile entry road and the parking lot at the heiau.

Planning will consist of archaeological research and formulation of a master plan for future improvements. Vegetation clearing along the heiau walls and the interior has been initiated. This clearing will reduce heiau wall disturbance and increase visibility. The clearing is to be followed by wall stabilization and development of an interpretive sign or display.

Royal Mausoleum State Monument, Oahu

Plans were made, and a contract was awarded for reconstruction of a boundary line wall that collapsed in January 1982.

Russian Fort Elizabeth State Historical Park, Kauai

Funds were released to complete a plan for future construction. Planning considerations include trails, interpretive facilities, landscaping and a picnic area. Archaeological research will be undertaken to assist in the interpretation of the fort and in placement of facilities.

PARK RECREATION PROGRAM

The program objective is to enrich the leisure time of people of all ages by providing opportunities and facilities for nonorganized outdoor park recreation activities and for appreciation of unique natural features. Activities carried out in this program include the acquisition of desirable lands for park utilization; and the planning, development and management of coastal parks, inland parks and parks with outstanding natural features.

Land Acquisition

Acquisition of two small land areas were completed during the fiscal period.

Keehi Lagoon Landfill, Oahu

State-owned lands totalling 10.2 acres were turned over to the Department and to be set aside for park purposes. The site is located along the shore of Keehi Lagoon, Oahu. There is no public land access.

Rainbow Bay State Park, Oahu

Condemnation proceedings were completed for 2.597 acres of private lands on the shore of Aiea Bay, Honolulu. The land cost was \$1,925,000. This acquisition is the first step in establishment of Rainbow Bay State Park.

Negotiations are continuing with the Navy to lease approximately 20 acres of land under their control.

Planning and Development

A number of planning and development projects were undertaken during the fiscal period. Most of these were new design and construction projects.

Akaka Falls State Park, Hawaii

Installation of safety railings on portions of the scenic footpath is underway. An interpretive brochure stand is also being constructed. The stand will be installed at the beginning of the footpath.



Newly constructed safety railings are being installed at Akaka Falls State Park. The old wooden railings, such as the one here, will be removed and the new safety railings will be installed along the steep-graded portions of the scenic footpath.

Diamond Head State Monument, Oahu

Plans and designs were completed for trail reconstruction near the crater summit, and a contract was subsequently awarded. The reconstruction was needed due to hazards on the trail.

Hanalei Pier, Kauai

A consultant contract was awarded for environmental studies and design work to restore Hanalei Pier on Kauai. The work is in progress. A public meeting was also held. Funds were released to implement safety measures as required and for signs to warn the public that the pier is unsafe.

Hapuna Beach State Recreation Area, Hawaii

Plans and designs were completed and a contract awarded for reconstruction and drainage systems. The existing systems need to be improved to handle public use and the harsh environment of sun, salt and wind.

Iao Valley State Park, Maui

Plans and designs were completed, and a construction contract was awarded for a new comfort station. The existing comfort station is too small and is an intrusion in the scenic valley because of its location.

Kahana Valley State Park, Oahu

Construction of Phase 1, developments is nearing completion. Added construction items included a bridge, a storage enclosure and roadway paving. An orientation building, park areas and two comfort stations were previously completed.

Kakaako Waterfront Park, Oahu

Plans and designs were completed, and a construction contract was awarded for a 2-acre development project at the Point Panic area. Development will include a comfort station, a parking lot, grassing and fencing.

Kaena Point State Park, Oahu

Funds were released for the design of a clean-up project at Makua Beach. The area is presently overgrown with vegetation, littered with trash and has unauthorized dwelling structures.

Emergency archaeological salvage work was conducted at Kaena Point. Action was taken because of the erosion problem and because of finds reported by the public.

Makiki-Tantalus State Recreation Area, Oahu

Plans and designs were completed and a contract awarded for construction of a comfort station at the Makiki Environmental Education Center in Makiki Valley. The contract also calls for demolition of the existing temporary restroom facility.

State Parks archaeologists aided the Forestry-YCC taro lo'i system project by locating several taro lo'i sites and by mapping and recording the sites.

Malaekahana State Recreation Area, Oahu

A field survey and auger core testing were carried out in the Phase II area at the Kahuku side of Malaekahana Beach. A cultural deposit was located in the sand dune area; further archaeological work will be required.

Na Pali Coast State Park, Kauai

Mapping and testing of archaeological sites along with mapping of park facilities were conducted in Hanakapiai and Kalalau valleys. This work was part of the Na Pali Coast Management Plan. Recommendations are being formulated for management of the cultural resources.

Old Kona Airport State Park, Hawaii

Changes were completed on the design of a pavilion. A construction contract was subsequently awarded. The 600-person capacity pavilion will have a stage, security screens, a food preparation area, restrooms, landscaping and parking. It will

be constructed near the old hangar buildings on the east side of the parcel.

Rainbow (Aiea) Bay State Park, Oahu

Plans and designs were completed and a construction contract was awarded for the initial and interim phase of the development of Rainbow Bay State Park. The project includes grading and grassing the 2-acre site and construction of a parking area and picnic tables.

Sand Island State Park, Oahu

Phase III, increment 2 is under construction. It will make available to the public an additional 17 acres for outdoor recreation. The construction project includes two parking lots, a roadway and landscaping. The project cost is 50% refundable by the Federal Government.

Wailua River State Park, Kauai

Reconstruction of Opaekaa Falls Lookout and the parking lot is in progress. The work includes adding bus parking stalls, paving the Wailua River Lookout walkway, repaving the Opaekaa Falls parking area, and re-routing the roadway exit.

Designs have been completed for a comfort station at Fern Grotto and for a day-use area at Lydgate.

Wailoa River State Recreation Area, Hawaii

The canoe shed is being renovated to make it more secure. The building, which is used to store park equipment, has been broken into many times.

Waimanalo Bay State Recreation Area, Oahu

Several projects were undertaken during the fiscal period. The park roadway and two parking lots were paved; over 15 acres of overgrown shrubbery were cleared, and debris removed by military personnel who volunteered their labor; and a park security residence was designed, and the construction contract awarded.

Repairs and Maintenance

Fourteen major repairs and maintenance projects were completed during the fiscal period at a total contract cost of over \$650,000. The repairs and maintenance projects included reconstruction of boat piers, buildings and roadways at Wailua River State Park; trail and building reconstruction at Diamond Head State Monument; cabins and roadway reconstruction at Kokee State Park; entry roadway reconstruction and cabin repairs at Waianapanapa State Park; and foot bridge railings reconstruction at Wailoa River State Recreation Area.

Two major repairs and maintenance projects totalling \$50,000 are still in progress. The projects are a water line at the Makiki-Tantalus State Recreation Area and a deep well water pump at Waimea Canyon State Park.

ADMINISTRATION FOR CULTURE AND RECREATION

The objective is to enhance program effectiveness and efficiency by formulating overall policies and plans, directing operations and personnel, and providing other administrative and housekeeping services. Major activities include all general administration; planning; contract administration; reviewing projects for compliance with historic preservation procedures; administration of the Land and Water Conservation Fund and the National Historic Preservation Fund; and the preparation of the State Historic Preservation Plan and the State Recreation Plan.

Research and Development

A cultural interpretation plan is being developed. The plan will include identification of cultural resources in existing state parks, identification of interpretive values and themes, and recommendations.

Statewide Recreation Planning

Statewide recreation planning includes preparation, update and implementation of the State Recreation Plan, the administration of the Federal Land and Water Conservation Fund (LWCF) Program, and coordination of various heritage and recreation programs sponsored by the National Park Service.

Transfer of the HCRS Office

The Heritage Conservation and Recreation Service (HCRS) Office was physically transferred from the Chairman's Office to the Division of State Parks, Outdoor Recreation and Historic Sites. The transfer, which took place on January 1, 1982, effects a consolidation of the State's outdoor recreation planning, programming and implementation activities under this Division.

State Recreation Plan

The State Recreation Plan was revised and submitted to the State Plan Policy Council for review. The plan was then submitted to the State Legislature with the eleven other state functional plans for adoption. The 1982 legislative session ended in April without the adoption of any of the functional plans. In May, Governor Ariyoshi issued a proclamation establishing the functional plans, including the State Recreation Plan, as interim guidelines for all State agencies until the Legislature adopts the plan.

A two-year LWCF planning grant was approved to update and improve the State Recreation Plan. Tasks initiated as a part of the grant include: establishing a statewide data base on existing outdoor recreation and heritage opportunities provided by all sectors of our community; researching the incidence of vandalism in public parks; and improving and expanding the identification and inventory of significant recreation resources in the State.

Land and Water Conservation Fund

During the fiscal year, Federal grants amounting to \$712,258 were approved from the Land and Water Conservation Fund (LWCF) Program for funding. The two funded projects are:

<u>Project</u>	<u>Location</u>	<u>Grant Amount</u>
Hanakaoo Beach Park Acquisition and Development Project	Maui	\$589,108
Hawaii's 1981-83 Planning Grant Program	Statewide	\$123,150

Since the LWCF Program was initiated in Hawaii in 1965, \$26.3 million in matching Federal funds have been approved for State and county recreation projects located throughout the State.

Historic Preservation

The historic preservation function includes the review of projects for compliance with historic preservation laws and procedures; administration of the National Historic Preservation Fund which provides grants-in-aid for preservation of public and private historic features; and the preparation of information for the Hawaii Register of Historic Places and for listing on the National Register of Historic Places. This portion of the annual report is required by Chapter 6E HRS.

Historic Sites Survey and Registration

Six sites were placed on the Hawaii Register of Historic Places. These sites are Our Lady of Peace Cathedral, Honolulu; Imiola Church, Waimea, Hawaii; Mokapu Burial, Mokapu

Peninsula, Oahu; Ulupo Heiau, Kailua, Oahu; Ernest Shelton Van Tassel Residence, Honolulu; and the Lihue Civic Center Historic District, Kauai. The Molokai Lighthouse was also entered into the National Register of Historic Places.



The Palama Fire Station was reopened on October 1, 1981. The building is the oldest public structure from the territorial government period, and now has a refurbished exterior and a remodeled interior.



Imiloa Church built ca. 1855 in Waimea, Hawaii Island was placed on the State Register of Historic Places on July 25, 1981. Photo by David Franzen.



The Kauai County Courthouse is a part of the Lihue Civic Center Historic District which was placed on the State Register of Historic Places on September 21, 1981. The property was also entered in the National Register of Historic Places on December 17, 1981.

State Historic Preservation Plan

The Hawaii State Plan adopted by the Legislature in 1978, mandated the preparation of twelve functional plans to define further and to implement the Hawaii State Plan. The State Historic Preservation Plan was written and submitted to the Policy Council in September 1981. The Plan was then submitted to the Legislature for its consideration. The Legislature adjourned in April, however, without adopting the Plan. In May, Governor Ariyoshi issued a proclamation establishing the functional plans as interim guidelines for all State agencies until such time as the Legislature adopts the plans.

Federal Grants-In-Aid

Limited funds were allocated by the Federal Government for the grants-in-aid program. The bulk of these funds were used for staff operating expenses of the State Historic Preservation Officer as well as for operating expenses of the State Review Board of Historic Places.

Preservation Reviews

One of the most time-consuming activities of this program is the mandatory review of proposals for public or private

developments that might affect historic properties. Approximately 75 percent of these reviews relate to archaeological sites and 25 percent relate to historic-architectural sites. A total of 810 reviews were processed in the last year. Four hundred of these reviews were done on the State level and four hundred and ten were done on the Federal level.

Public Information

A slide-tape presentation was produced to give the public an understanding of the state historic preservation program. It explains the various activities of the State Historic Preservation Office.

Another public information effort was the technical assistance provided the American Institute of Architects in the production of "At Home in the Islands," an exhibit on the past 50 years of architectural design in Hawaii. The exhibit of photographs with supporting text was displayed at the Honolulu Academy of Arts during the early summer of 1982. It was shown in conjunction with the national convention of the American Institute of Architects in Honolulu.

EXISTING STATE PARK AND HISTORIC SITE AREAS, ACREAGE AND RECREATION VISITS

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Year ⁸ Estab.	Total No. Estab.	Total Acreage	Developed Acreage	FY 1981-82 Recreation Visits (1,000) ¹
<u>HISTORICAL & ARCHAEOLOGICAL PLACES</u>						
<u>HAWAII</u>						
F-13	Kamehameha I Birthplace, N. Kohala	1978		.5	.5	---
F-14	Kealakekua Bay State Park.....	1967		116.24	2.0	---
	(Hikiau Heiau State Monument).....	(1967)		(2.04)	(2.0)	(---)
	(Kaawaloa Area)	(---)		(6.3)	(---)	(---)
	(Napoopoo Area).....	(1980)		(107.9)	(---)	(---)
F-13	Lapakahi State Park, North Kohala..	1973		265.0	53.3	50
F-13	Mookini Heiau, North Kohala.....	1979		3.2	3.2	---
H-18	Kamoa Pt. Archaeological Complex...	1980		12.4	---	---
<u>MAUI</u>						
F-21	Halekii-Pihana State Monument.....	1962		10.2	1.0	44
<u>MOLOKAI</u>						
----	----		---	---	---
<u>OAHU</u>						
H-21	DAV Keehi Lagoon Memorial.....	1981		11.16	11.16	---
F-11	Iolani Palace State Monument.....	1967		10.6	6.5	56
H-12	Kamehameha V Post Office.....	1977		.26	.26	8
F-23	Puu O Mahuka State Monument.....	1962		4.0	3.5	3
F-15	Royal Mausoleum State Monument.....	1968		10.0	3.0	77
F-18	State Capitol Grounds.....	1969		10.06	5.0	---
F-24	Ulu Po Heiau State Monument.....	1954		1.4	1.2	1
F-25	Washington Place State Monument....	1966		3.1	3.0	---
<u>KAUAI</u>						
F-12	Russian Fort State Monument.....	1972		17.3	10.0	451
<u>STATEWIDE</u>						
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TOTAL HISTORICAL & ARCHAEOLOGICAL PLACES			15	475.2	103.5	690

PARKS RECREATION

<u>HAWAII</u>						
F-35	Akaka Falls State Park.....	1952		65.4	6.0	385
F-75	Hapuna Beach State Park.....	1967		300.04	26.8	887
F-65	Kalapana-Canoe Landing.....	1974		3.3	---	---
F-33	Kalopa State Recreation Area.....	1967		100.04	16.2	64
F-36	Kealakekua Bay - Underwater Park...	1971		315.0	---	---
F-66	Kilauea State Recreation Area.....	1966		7.04	1.0	---
H-47	Kona Airport Park.....	1976		119.6	20.4	410
F-34	Lava Tree State Monument.....	1956		17.1	10.0	91
F-77	MacKenzie State Park.....	1955		13.1	6.0	80
F-69	Manuka State Wayside.....	1952		13.2	8.0	76
F-64	Mauna Kea State Park.....	1962		700.04	17.0	231
F-58	Wailoa River State Recr. Area.....	1954		149.2	115.0	515
	(Wailoa Center).....	(---)		(---)	(---)	(40)
	(Happiness Garden).....	(---)		(---)	(---)	(92)
	(Wailoa).....	(---)		(---)	(---)	(383)
F-33	Wailuku River State Recr. Area....	1967		81.04	24.9	458

EXISTING STATE PARK AND HISTORIC SITE AREAS, ACREAGE AND RECREATION VISITS

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Year ⁸ Estab.	Total No. Estab.	Total Acreege	Developed Acreege	FY 1981-82 Recreation Visits (1,000) ¹⁾
<u>PARKS RECREATION (cont'd)</u>						
MAUI						
F-59	Hana Road Waysides.....	-----		14.3	4.0	1,294
	(Kaunahina State Wayside).....	(1952)		(7.8)	(2.0)	(469)
	(Keanae Valley State Wayside).....	(1952)		(1.5)	(.5)	(378)
	(Puua Kaa State Wayside).....	(1954)		(5.0 ⁴)	(1.5)	(447)
		1961		5.9	5.9	621
F-32	Iao Valley State Park.....	1961		26.9	-----	-----
F-73	Makena-La Perouse.....	1971		(26.9)	(----)	(----)
	(Puu Olai State Park).....	(1971)		14.0	14.0	835
F-81	Olowalu-Kaanapali State Wayside...	-----		(5.7)	(5.7)	(377)
	(Launiupoko State Wayside).....	(1965)		(8.3)	(8.3)	(458)
	(Wahikuli State Wayside).....	(1969)		2.0 ⁴	1.0	6
F-67	Poli Poli Springs State Recr. Area	1957		6.6 ⁶	6.6	53
F-87	Ukumehame - Beach.....	1975		120.0	18.0	172
F-55	Waianapanapa State Park.....	1966				
MOLOKAI						
F-60	Palaau State Park.....	1955		233.7	10.0	173
OAHU						
F-85	Aina Moana State Recreation Area					
	(Magic Island).....	1970		33.6	33.6	537
		1962		250.0 ⁵	8.0	77
F-37	Diamond Head State Monument.....	1962		101.0	-----	-----
F-38	Hanauma Bay - Underwater Park....	1969		17.4 ⁶	8.0	151
F-27	Heeia State Park.....	1977		9.2	9.2	44
F-97	Honolulu Stadium.....	1978		25.2 ⁶	-----	-----
F-92	Kahala Heights Park.....	1979		5,260.0 ⁶	20.0	39
F-57	Kahana Valley State Park.....	1970		53.0	30.0	95
F-88	Kaiaka Point.....	1975		384.5	22.0	301
F-48	Keaiwa Heiau State Recr. Area.....	1955		10.2 ⁶	-----	-----
H-62	Keehi Lagoon Landfill.....	1981		50.0 ⁴	12.0	172
F-51	Makiki-Tantalus State Park.....	1957				
F-72	Makua-Kaena Point State Park					
	(Shoreline).....	1978		661.7	25.0	554
		1977		110.0	40.0	263
H-70	Malaekahana Beach Park.....	1977		5.0 ⁴	2.5	903
F-30	Nuuanu Pali State Wayside.....	1964		9.7	-----	-----
F-83	Rainbow Bay.....	1981		1,374.2	10.0	19
H-45	Sacred Falls.....	1977		140.0	64.0	651
F-70	Sand Island State Recr. Area.....	1970		1.0	1.0	143
-----	Sans Souci State Recr. Area.....	1969		49.9	7.0	104
F-61	Waahila Ridge State Recr. Area....	1967		66.0 ⁴	5.0	97
F-50	Wahiawa State Freshwater Park.....	1978		74.8	36.0	132
F-71	Waimanalo Bay State Recrea. Area..	1970		35.6	-----	-----
H-29	Waimano Gulch.....	1980				

EXISTING STATE PARK AND HISTORIC SITE AREAS, ACREAGE AND RECREATION VISITS

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Year ⁸ Estab.	Total No. Estab.	Total Acreage	Developed Acreage	FY 1981-82 Recreation Visits (1,000) ¹
PARKS RECREATION (cont'd)						
KAUAI						
F-09	Ahukini Recreational Pier.....	1978		1.0 ⁶	1.0	59
F-74	Haena State Park.....	1973		230.2	2.0	617
F-46	Kokee State Park.....	1952		4,640.0	55.0	1,000
F-80	Na Pali Coast State Park.....	1962		1,337.4	4.0	42
F-78	Polihale State Park.....	1967		140.0 ⁴	50.0	182
F-52	Wahiawa Mauka State Recr. Area....	1968		52.3	—	—
F-54	Wailua River State Park ³ (excluding Fern Grotto & Lydgate).....	1954		1,061.7	16.7	2,490
F-31	Wailua River State Park (Fern Grotto).....	1954		14.6	14.6	701
F-76	Wailua River State Park (Lydgate).	1954		36.7	36.7	769
F-39	Waimea Canyon State Park.....	1952		1,866.4	10.0	871
F-82	Waimea Pier.....	1974		.2 ⁶	.2	57
TOTAL PARKS RECREATION.....		—	57	20,409.8	834.3	17,421
TOTAL ALL STATE PARK & HISTORIC SITE AREAS —						
			72	20,885.0	937.8	18,111
SUMMARY BY ISLANDS:						
HAWAII.....	—	18	2,281.2	310.3	3,247	
MAUI.....	—	11	199.9	50.5	3,025	
MOLOKAI.....	—	1	233.7	10.0	173	
KAHUI.....	—	30	8,772.4	366.8	4,427	
KAUAI.....	—	12	9,397.8	200.2	7,239	
TOTAL.....		—	72	20,885.0	937.8	18,111

FOOTNOTES:

- 1 Estimated visits, one visitor may account for more than one visit.
- 2 Includes Na Laau Arboretum (9.5 acres).
- 3 Includes Wailua River Reserve (884.2 acres); Kaumualii (3.9 acres);
Boat Basin (11.4 acres); Poliahu (162.2 acres).
- 4 Acquired jurisdiction; no definite boundaries yet established; acreage is estimated.
- 5 Acquired jurisdiction of additions; new boundaries not yet established; acreage is
estimated.
- 6 Acquired responsibility; acreage is estimated.
- 7 No current date available - rough estimate only.
- NA - Not applicable.
- 8 The year State Parks Division acquired area, jurisdiction and/or responsibility for the
area.
- 9 First year of field count.

[illegible]

STATE PARK AND HISTORIC SITE AREAS, ACREAGE, REVENUE, EXPENDITURE AND RECREATION VISITS

1952-1982

Year ¹	No. of Areas (Estab.)	Acreage ²	Program Revenue	Expenditures in Dollars			Estimated Recreation Visits	Cost Per Visit
				Total	C.I.P. ³	Operating		
1952....	5	5,422	NA	NA	NA	NA	NA	NA
1953....	7	5,500	NA	12,458	—	12,458	76,000	16.4¢
1954....	9	5,739	NA	19,469	—	19,469	79,000	24.6¢
1955....	14	5,829	NA	20,109	7,534	12,575	148,000	8.5¢
1956....	15	5,846	NA	28,914	15,812	13,102	154,000	8.5¢
1957....	16	6,138	NA	25,473	12,041	13,432	164,000	8.2¢
1958....	18	6,166	NA	16,134	2,000	14,134	239,000	5.9¢
1959....	18	6,166	NA	24,695	2,983	21,712	243,000	9.0¢
1960....	18	6,166	NA	49,445	11,896	37,549	267,000	14.1¢
1961....	18	6,166	9,337	542,905	462,347	80,558	297,000	27.1¢
1962....	21	6,410	4,557	482,150	362,474	119,676	489,000	24.5¢
1963....	23	6,410	11,684	387,918	213,154	174,764	666,000	26.2¢
1964....	22	6,412	20,433	492,666	289,482	202,184	1,196,000	16.9¢
1965....	22	7,514	21,207	860,307	664,801	195,506	1,893,000	10.3¢
1966....	27	7,514	24,428	2,256,056	1,999,232	256,824	2,710,000	9.5¢
1967....	34	7,536	34,650	1,904,582	1,584,395	320,187	3,204,000	10.0¢
1968....	36	7,541	50,905	2,365,088	1,991,749	373,339	4,767,000	7.8¢
1969....	38	8,231	83,038	2,820,857	2,341,486	479,371	6,142,000	7.8¢
1970....	41	15,584	113,552	3,283,580	2,635,823	647,757	9,520,000	6.8¢
1971....	44	15,983	151,198	3,638,211	2,859,905	778,306	13,007,000	6.0¢
1972....	46	16,000	190,165	5,592,396	4,779,141	813,255	9,798,000	8.3¢
1973....	46	16,108	226,541	2,687,296	1,906,652	780,644	13,271,000	5.9¢
1974....	53	16,629	243,039	2,294,804	1,474,636	820,168	12,907,000	6.4¢
1975....	53	18,181	282,182	15,066,142	14,129,563	936,579	12,124,000	7.7¢
1976....	55	18,577	296,656	8,433,095	6,900,347	1,532,748	14,305,000	10.7¢
1977....	58	20,151	326,252	17,728,203	16,104,420	1,623,783	18,864,000	8.6¢
1978....	64	20,295	383,234	9,039,297	7,038,675	2,000,622	15,966,000	12.5¢
1979....	65	20,625	547,895	11,291,090	9,031,384	2,259,706	17,911,000	12.6¢
1980....	66	20,637	544,524	19,224,053	16,645,273	2,578,780	17,169,000	15.0¢
1981....	71	20,836	738,143	19,714,919	15,617,140	4,097,779	15,062,000	27.2¢
1982....	72	20,885	678,049	7,188,343	3,611,400	3,576,943	18,111,000	19.8¢

FOOTNOTES

NA - Not Available

¹Year ended June 30

²Parks for which boundaries are not yet established are not included prior to June 30, 1970.

³Capital improvement program including land acquisition.

CORRECTIONS to prior year's table (1980-81 ending June 30, 1981). Table 3
page 45, Recreation Visits column, last line. Change 15,062,000 to 15,611,000.
" " , Operating Cost Per Visit column, last line. Change 27.2¢ to 26.2¢

STATE PARK AND HISTORIC SITE REVENUES

Fiscal Year 1981-82

Income Source	Amount
Rentals, recreation residence lots, Kokee and Waimea Canyon State Parks.....	\$ 29,880
Rentals, vacation cabins and lodgings, State operated, all parks.....	143,541
Lease of concessions, Kokee and Wailua River State Parks, Kauai.....	106,330
Mooring fees, Wailua River State Park Marina, Kauai.....	4,877
Sale of water, all parks (Kokee).....	4,684
Admission fees, Iolani Palace.....	127,219
Commissions & sales, misc., all islands (firewood, pub. phones, filming, photography).	23,197
Sale of publications.....	3
Transportation services, Wailua River State Park Marina, Kauai.....	234,718
Rentals, other recreation areas, Kona Airport and Heeia State Parks.....	3,600
 TOTAL.....	 \$678,049

STATE PARK REVENUES AND EXPENDITURES

Fiscal Year 1981-82

Island, Program	Revenues	Expenditures in Dollars			Operating
		Total	C.I.P.	Operating	Cost Per Visit
By Island:					
Hawaii.....	70,314	1,164,685	607,976	556,709	17.2¢
	---	34,392f	34,392f	---	---
Kahoolawe.....	---	---	---	---	---
Kauai.....	351,890	645,972	75,472	570,500	7.9¢
Maui.....	73,787	452,402	180,247	272,155	9.0¢
Molokai.....	---	15,869	---	15,869	9.2¢
Oahu ¹	182,058	4,141,700	2,047,865	2,093,835	48.8¢
	---	483,947f	416,072f	67,875f	---
Statewide ²	---	9,367	9,367	---	---
	---	240,009f	240,009f	---	---
TOTAL.....	678,049	6,429,995	2,920,927	3,509,068	19.8¢
	---	758,348f	690,473f	67,875f	---

By Program:

Historical & Archaeological Places	127,219	1,733,287	1,066,361	666,926	96.5¢
	---	274,896f	274,896f	---	---
Parks Recreation.....	550,827	4,299,341	1,848,753	2,450,588	14.1¢
	---	415,577f	415,577f	---	---
General Administration for Culture and Recreation.....	3	397,367	5,813	391,554	---
	---	67,875f	---	67,875f	---
TOTAL.....	678,049	6,429,995	2,920,927	3,509,068	---
	---	758,348f	690,473f	67,875f	---

FOOTNOTES

¹Includes Honolulu Administration Office.²Projects of general statewide significance.

f = Expenditures from federal grant funds.

CORRECTIONS to prior year's table (1980-81 ending June 30, 1981). Table 4
page 46, Operating Cost Per Visit column, Oahu line. Change \$2.56 to \$1.61
" " , " " " " , Total line. Change 27.2¢ to 26.2¢.
" " , " " " " , LNR-806 Parks Recreation line.
Change 20.8¢ to 20.0¢.

CAPITAL IMPROVEMENT EXPENDITURES
(Includes State & Federal Funds)

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Acquisi- tion	Research/ Planning	Construc- tion Design	Construc- tion	Total
(in thousands of dollars)						
<u>HISTORICAL & ARCHAEOLOGICAL PLACES</u>						
<u>HAWAII</u>						
H-11	Hulihee Palace State Monument (Existing)	-----	1.6	20.2	170.0	191.8
H-18	Kamoa Point Archaeological Complex (Existing).....	.4	5.5	4.7	-----	10.6
F-14	Kealahakua Bay State Park (Existing).	.9	4.5	-----	-----	5.4
	(Hikiau Heiau State Monument).....	(-----)	(-----)	(-----)	(-----)	(-----)
	(Kawaaloo Area).....	(-----)	(-----)	(-----)	(-----)	(-----)
	(Napoopoo Area).....	(.9)	(4.5)	(-----)	(-----)	(5.4)
F-13	North Kohala State Park Complex (Existing)....	-----	40.8	.5	339.2	380.5
	(Kamehameha I Birthplace).....	(-----)	(-----)	(-----)	(-----)	(-----)
	(Lapakahi).....	(-----)	(23.0)	(.5)	(338.2)	(361.7)
	(Mookini Heiau).....	(-----)	(-----)	(-----)	(1.0)	(1.0)
	(North Kohala-General).....	(-----)	(17.8)	(-----)	(-----)	(17.8)
<u>MAUI</u>						
H-13	Hale Pa'i (Printing House) Restoration (Existing)...	-----	2.7	-----	145.3	148.0
<u>OAHU</u>						
F-11	Iolani Palace State Monument (Existing)	-----	.4	30.0	67.5	97.9
		-----	-----	-----	34.9f	34.9f
F-23	Puu O Mahuka Heiau State Monument (Existing)	-----	1.1	1.4	-----	2.5
F-15	Royal Mausoleum State Monument (Existing).....	-----	2.5	51.3	172.2	226.0
<u>STATEWIDE</u>						
F-10	Statewide Historic Preservation Program (Inventory/Survey/Plan/Grants Program) (Existing).....	3.6	-----	-----	-----	3.6
		-----	25.8f	-----	214.2f	240.0f
<hr/>						
TOTAL HISTORICAL & ARCHAEOLOGICAL PLACES....		4.9	59.1	108.1	894.2	1,066.3
		-----	25.8f	-----	249.1f	274.9f

f = Expenditures from federal funds.

CAPITAL IMPROVEMENT EXPENDITURES
(Includes State & Federal Funds)

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Acquisition	Research/ Planning	Construc- tion Design	Construc- tion	Total
(in thousands of dollars)						
<u>PARKS RECREATION</u>						
HAWAII						
F-75	Hapuna Beach State Park (Existing)...	-----	1.1	1.0	.2	2.3
H-47	Kona Airport Park (Existing).....	-----	.6f	21.8f	12.0f	34.4f
F-35	Akaka Falls State Park (Existing)....	-----	.9	-----	16.5	17.4
MAUI						
F-59	Hana Road Waysides (Existing).....	-----	.7	9.2	.4	10.3
	(Kaunahina State Wayside).....	(-----)	(-----)	(.3)	(-----)	(.3)
	(Keanae Valley State Wayside).....	(-----)	(-----)	(-----)	(-----)	(-----)
	(Puua Kaa State Wayside).....	(-----)	(.7)	(8.9)	(.4)	(10.0)
F-32	Iao Valley State Park (Existing).....	-----	.8	3.7	2.4	6.9
F-73	Makena-La Perouse State Park (Planned)	15.0	-----	-----	-----	15.0
OAHU						
F-37	Diamond Head State Monument (Existing)	-----	.4	.9	-----	1.3
F-27	Heeia State Park (Existing).....	1,295.9	.9	-----	-----	1,296.8
		181.1f	3.0f	-----	93.6f	277.7f
F-57	Kahana Valley State Park (Existing)...	-----	.6	-----	25.6	26.2
H-73	Kakaako Waterfront Park (Planned)....	-----	-----	2.0	-----	2.0
F-48	Keaiwa Heiau State Recr. Area (Existing)	-----	-----	-----	.5	.5
F-51	Makiki-Tantalus State Park (Existing)	-----	11.0	2.1	9.2	22.3
F-72	Makua-Kaena Point State Park (Existing)....	-----	.5	.7	-----	1.2
H-70	Malaekahana Beach State Park (Existing)...	17.5	-----	-----	-----	17.5
		28.9f	.9f	-----	-----	29.8f
F-83	Rainbow Bay State Park (Planned).....	1.3	1.5	.4.6	.6	8.0
		12.2f	1.2f	-----	-----	13.4f
H-45	Sacred Falls State Park (Existing)	-----	-----	19.5	-----	19.5
F-70	Sand Island State Recr. Area (Existing)	-----	-----	-----	306.8	306.8
		-----	3.5f	21.0f	31.2f	55.7f
F-71	Waimanalo Bay State Recr. Area (Existing).....	-----	.4	3.8	15.1	19.3
		-----	.8f	-----	3.8f	4.6f
KAUAI						
F-74	Haena State Park (Existing).....	-----	3.0	-----	-----	3.0
F-54	Wailua River State Park (Excluding Fern Grotto & Lydgate) (Existing)	-----	-----	-----	1.4	1.4
F-54	Wailua River State Park (Fern Grotto) (Existing).....	-----	.5	5.5	.4	6.4
F-54	Wailua River State Park (Lydgate) (Existing).....	-----	1.0	8.0	.2	9.2
F-82	Waimea Pier (Existing).....	55.5	-----	-----	-----	55.5
TOTAL PARKS RECREATION.....						
		1,385.2	23.3	61.0	379.3	1,848.8
		222.2f	10.0	42.8f	140.6f	415.6f

f = Expenditures from federal funds.

CAPITAL IMPROVEMENT EXPENDITURES
(Includes State & Federal Funds)

Fiscal Year 1981-82

Project No.	State Park and Historic Site Area	Acquisi- tion	Research/ Planning	Construc- tion Design	Construc- tion	Total
<u>GENERAL ADMINISTRATION FOR CULTURE AND RECREATION</u>			(in thousands of dollars)			
STATEWIDE						
F-01	Statewide Recreation Resource Development Program	----	.2	.1	----	.3
F-02	Statewide Interpretive Planning...	----	5.5	----	----	5.5
<hr/>						
TOTAL GENERAL ADMINISTRATION FOR CULTURE AND RECREATION.....		----	5.7	.1	----	5.8
<hr/>						
<hr/>						
TOTAL ALL STATE PARK AND HISTORIC SITE AREA EXPENDITURES.....		1,390.1 222.2f	88.1 35.8f	169.2 42.8f	1,273.5 389.7f	2,920.9 690.5f

f = Expenditures from federal funds.

DEFINITIONS:

- Existing - An Operating Park, Historic Site, Monument or Other Areas.
- Planned - For a Park, Historic Site, Monument or Other Area - Lands
acquired or acquisition underway; initial development,
restoration or preservation underway; other projects underway.
- Possible - Future Park, Historic Site, Monument, or Other Area under consideration.

DIVISION OF WATER AND LAND DEVELOPMENT

The responsibilities of the Division of Water and Land Development are to administer the State's programs in water resources, mineral resources, flood prevention and control, water development, and irrigation services, and to provide engineering services to other departmental programs.

Major accomplishments during the 1981-82 year included two administration bills which were approved by the 1982 Legislature. Act 170 enables the State to begin codifying Hawaii's water laws and Act 185 authorizes the Department to establish an instream use protection program.

Other significant activities undertaken by the Division involved field inspections during drilling and testing of the Kapoho State geothermal wells at Pohoiki, Puna, Hawaii. Geothermal resource developments are regulated by the Department under Chapter 183 of Title 13, Administrative Rules, Hawaii. Flow testing of the Kapoho State wells by the developer, Thermal Power Company, is expected to continue through 1982.

The Division obtained a federal grant for flood plain management activities from the Federal Emergency Management Agency under its State Assistance Program. This grant enables the Division to assist county agencies, local organizations, and the general public to obtain protection from flood losses under the federally supported flood insurance program.

The Division again in 1981-82 developed the State Functional Plan on Water Resources Development and actively participated in the public and legislative review processes.

Management of groundwater development and use were intensified for the Honolulu and Waialua Ground Water Control Areas. Sustainable yields for management purposes were established and existing uses deemed beneficial were certified for continuance. Deep monitor wells were drilled to assess long-term aquifer conditions at Waipahu and Moanalua, Oahu, and work began during the year at Waiehu, Maui.

Significant water development activities took place at Lalamilo, Hawaii, where two deep wells were successfully drilled and the installation of pumps, controls and pipelines were completed in time to minimize the impact of the severe drought that occurred in the Waimea-Hamakua areas. On Kauai, major groundwater sources were developed in the Koloa area to assist the County in the development of the Koloa-Poipu communities.

The Division actively participated in the State's agricultural park development program at Pahoa, Panaewa, and Keahole, Hawaii through its engineering services program. Planning activities proceeded for the Waimanalo and Waianae Agricultural Parks on Oahu, and U.S. Soil Conservation Service assistance was obtained to study the feasibility of agricultural developments at Waimanalo, Oahu; Hamakua, Hawaii; and Kilauea, Kauai.

The Division initiated a study to determine the feasibility of hydropower development at Kokee, Kauai, and completed engineering on the realignment of a section of the Makiki Ditch on Oahu. Lastly, irrigation services were extended to Hawaiian Homes farm lands at the Waimea and Molokai irrigation systems.

WATER RESOURCES MANAGEMENT PROGRAM

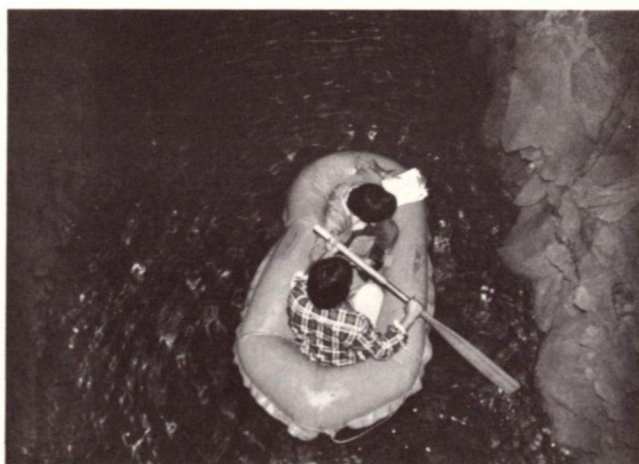
Activities in water resources management include the collection of climatological and hydrologic data, appraisals of surface and ground water resources, long-range water resources planning, regulation of water development and use, development of instream use controls, and the administration of the Soil and Water Conservation District program.

Basic Hydrologic Data Collection and Water Resource Assessments

Comprehensive water planning and management is facilitated by improving the availability and usefulness of climatological and hydrologic information. Collection and dissemination of climate related data continues to be a primary activity of the Division of Water and Land Development. During the year, rainfall records were placed in a computer datafile for ease of storage, analysis, and retrieval. Temperature files were brought up to date and expanded to include data not previously cataloged. Staff worked to improve the operation and maintenance of observation stations in the field. A study was initiated to evaluate the statewide network of climate obser-



DOWALD personnel operating well logging equipment.



Groundwater data collection crew.

vation stations, particularly in terms of cost-effectiveness and compatibility with the present stream gaging station network. Depending on the findings of this study, the stream gaging station network may be modified. The study is expected to be completed in the next fiscal year.

The long-standing cooperative program with the U.S. Geological Survey to collect surface and ground water data was continued. Costs are shared on a 50-50 percentage basis. The program provides basic data on streamflow, ground water withdrawals, and water quality for public use. It includes cooperative appraisals of the State's water resources to assess their characteristics and availability. Under the program streamflow data were collected regularly from 82 measuring stations; low flows were measured periodically on 20 streams; flood discharges were obtained from 66 crest-stage gages; ground-water levels, specific conductance, and chloride concentrations were measured at about 160 wells; and field measurements of specific conductance, temperature, and pH were made on each visit to streamflow gaging stations. Data collected under this program are published annually in the report series, "Water Resources Data for Hawaii and Other Pacific Areas—Volume 1, Hawaii".

Water Resources Planning

Planning activities for the year were focused on updating the State Water Resources Development Plan and readying the Plan for resubmittal to the Legislature for adoption. Required under the Hawaii State Planning Act, the State Water Resources Development Plan is the critical link between the broad goals and policies of the Hawaii State Plan and the specific water-related programs and projects carried out by the Department and other State and County Agencies. The draft of the Plan was circulated and public informational meetings were held on all islands. The Legislature adjourned in April, however, without adopting the Plan. Nonetheless, Governor Ariyoshi saw the value in early implementation of the Water Resources Plan and the other functional plans and in May issued a proclamation establishing the 12 plans as interim guidelines for all State agencies until such time as the Legislature does act. Activities of the Division are currently guided by the policies and implementing actions prescribed by the State Water Resources Development Plan.

Water resources planning is funded in part with monies received from the U.S. Water Resources Council under the Title III program, which makes available federal grants to states for water planning activities. The Division has received such federal funds since 1967.

Regulation of Water Development and Use

A major activity during the year was the processing of applications for development and use of ground waters in the Pearl Harbor, Honolulu, and Waialua areas. In previous years these waters were designated for State regulation under the Ground Water Use Act. Designation of critical ground-water basins by the Board of Land and Natural Resources establishes an administrative means to control all ground-water development and use within the basins, and subjects such activities within the basins to management scrutiny for the period of the designation. As applications for permits are received, they are recorded, reviewed in the field and office by technical personnel, and then approved or rejected. During the year, seven applications for use permits were received and processed. Most of the applicants were large water purveyors, including the Honolulu Board of Water Supply.

Because of growing competition among water users for limited supplies, the Division sought to expand the State's authority to regulate its water resources. The Division prepared legislation that would, if enacted, authorize the State com-

prehensive control of water development statewide. It would require that permits be secured for development of surface water as well as ground water and for waters in non-designated areas as well as in designated areas. The bill, essentially a substantive revision of the present Ground Water Use Act, was deliberated upon during both the 1981 and 1982 sessions of the Legislature but failed adoption. It will be reintroduced in the 1983 Legislature.

Emerging from the 1982 Legislature was a significant bill authorizing formulation of a State Water Code. Based on an administration-sponsored version introduced during the 1981 Session, the bill creates an advisory commission to develop policy recommendations for legislative consideration after a three-year study period. The Chairman of the Board of Land and Natural Resources will sit as a member of the 13-member commission. The commission's work will directly address a new provision in the State Constitution relating to the State's obligation to manage and regulate its water resources properly. As the State's water agency, the Division is expected to play a contributory role in the collecting and making available water resources information for the commission.

Protection of Instream Uses

Protection of instream uses of water received much attention during the year. An initial effort was the Windward Oahu Instream Study. The study inaugurates the Division's role in instituting measures to protect valuable stream-based resources. The objective of the study was four-fold: to inventory the area's streams and their characteristics, to identify instream features of significant value, to qualify flow needed to protect identified stream values, and to recommend measures to preserve and enhance the stream environment. Community groups were informed of the study and input solicited; field surveys were made, and working papers were prepared for review. The final report is expected to be completed in late 1982.



Stream transect survey for instream use protection.



Fishery count survey for instream use protection.

Of substantial impetus to the emerging instream use program was the enactment of the Hawaii Instream Use Protection Act of 1982. The Act enables the Department of Land and Natural Resources to establish an instream use program for the Windward Oahu region and to develop standards for maintaining streamflows for fishery, wildlife, recreational, aesthetic, and other identified instream uses in the area. The Act's geographical

focus fortunately coincides with the area covered by the Windward Oahu Instream study. This will facilitate the Department's commitment to develop an instream use program. In spite of the auspicious start, findings to date indicate that much needs to be accomplished yet to quantify flows for instream uses before standards for their maintenance can be promulgated.

Administration of Soil and Water Conservation Districts

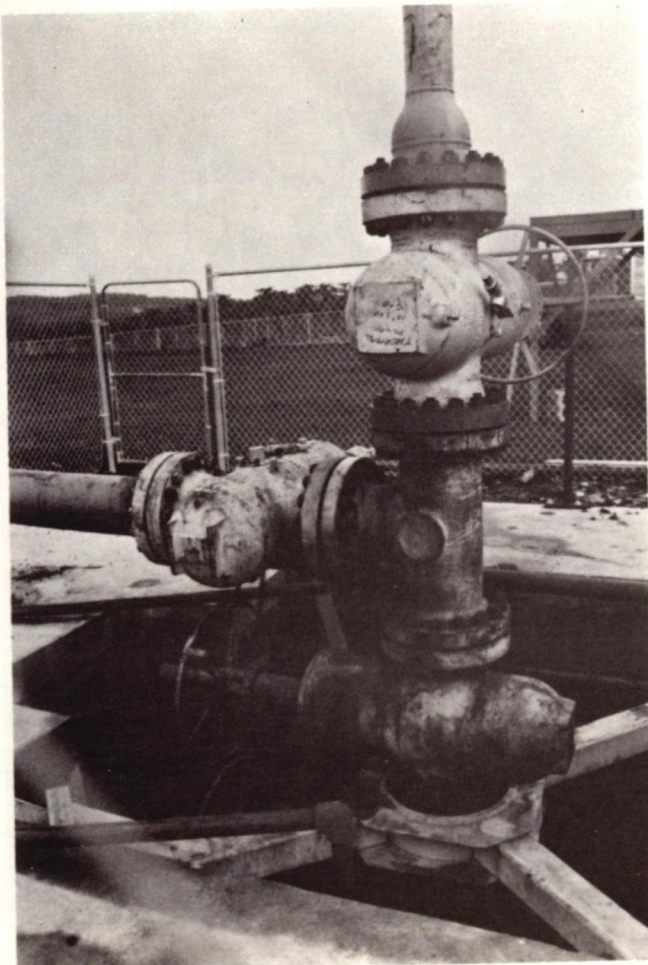
The Division continues to provide administrative services to the fifteen Soil and Water Conservation Districts in the State. Each district is governed by five directors who plan and establish cooperative action programs for conservation, development, and management of soil and water resources within the respective districts. Requests for the development of conservation plans are received by the districts from individual land occupiers, priorities are set, and the U.S. Soil Conservation Service is requested to develop the conservation plans. A major accomplishment during the year was completion of the report, "Hawaii Soil and Water Conservation Program", prepared by the Hawaii Association of Conservation Districts in response to Public Law 95-192, the Soil and Water Resources Conservation Act (RCA). In preparing the report, Hawaii's fifteen Soil and Water Conservation Districts actively participated in problem identification and in developing alternative solutions, through a series of meetings, workshops, and public meetings. The report is to serve as a guide for implementing the District's long-range program to minimize soil erosion and sedimentation problems in Hawaii.

MINERAL RESOURCES PROGRAM

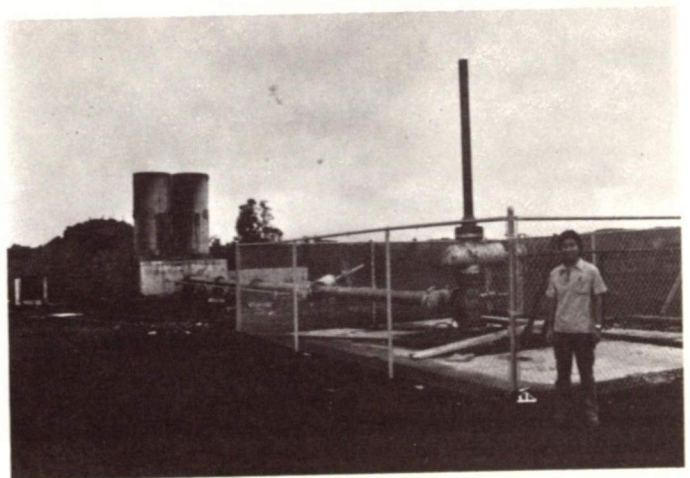
Activities of the Mineral Resources Program focused on newly discovered geothermal resources on the island of Hawaii and on conserving and enhancing the State's supply of mineral resources.

Regulation of Geothermal Well Drilling

The Department administers State laws and rules concerning the development of geothermal resources. A total of nine geothermal drilling permits have been issued to date by the Department. The drilling permit for Kapoho State No. 1 geothermal well was extended and a supplementary application was approved for modification of the well. The Department approved a request to drill the Kapoho State No. 2 geothermal well deeper. Field inspections were conducted at all the well sites



Kapoho State No. 1 Geothermal Well, Pohoiki, Puna, Hawaii.



to ensure compliance with regulatory requirements. Staff inspected geothermal well tests for both Kapoho State No. 1 and No. 2 wells and monitored the activities of Lanipuna Well No. 1 and the experimental HGP-A well.

Inventory of Mineral Production

As in past years the Department canvassed mineral producers in the State and maintained an up-to-date inventory of mineral resources and mining activities in the State. Field inspections were made of various rock and cinder quarries. Requests for information, technical data, and rock samples were handled on a routine basis. The Department maintains technical capability and a store of knowledge on Hawaii's mineral and geothermal resources. This competence is useful in matters of land-use management, planning, zoning, and environmental assessment.

FLOOD PREVENTION AND CONTROL PROGRAM

Activities of the flood prevention and control program include managing the use of flood plains, coordination of flood

prevention and control projects, and a statewide dam safety inspection program.

Flood Plain Management

The flood prevention and control program has been augmented by Federal Emergency Management Agency's (FEMA) grants to assist the State in developing a flood hazard mitigation program. Under guidelines of the National Flood Insurance Program and the Flood Disaster Protection Act, the preparation of a statewide Flood Hazard Mitigation Plan is currently underway. Flood hazard area on all counties have been mapped and the counties have adopted ordinances for controlling developments within flood plains. Maps and ordinances are available at the Division and the respective counties for use by the general public.

Coordination of Flood Control Projects

The implementation of federal, state, and county flood control projects in Hawaii is coordinated under this program. Flood damages and stream maintenance problems are monitored and investigated. Flood damage assessments were provided for major flood disasters, and reports were published for project justification.



Aerial view of flooded area. Waiawa Stream flows left to right at top of photo.
Photo by Gregory Yamamoto — *Honolulu Advertiser*.

Dam Safety Inspection

The State's dam safety inspection program was coordinated by the Division. The U.S. Army Corps of Engineers administered the federal program in Hawaii and completed safety investigations of dams and reservoirs in Hawaii. Legislation to establish a State dam safety program was introduced in the 1981 and 1982 sessions of the legislature, but failed enactment. This bill is planned to be reintroduced in the 1983 legislature.



Inspection of riprap on upstream face of dam. Nuuanu Reservoir, Oahu.
Photo by U.S. Army Corps of Engineers.

IRRIGATION SERVICES PROGRAM

At present, the Waimanalo Irrigation System services 100 small farm units and the University of Hawaii's Agricultural Research Farm, an increase of one service over the previous year. A total of 974,032 acres of State and privately owned lands were serviced, an increase of 11.0 acres more than the 963,032 acres served in 1980-81.

Total water consumption for the year was 102,242,717 gallons compared to 127,662,367 gallons for the previous year. A total of 2,502 water requests were processed during the year. The reason for a decrease in water sales was due to more rainfall during the year.

Rainfall in the area measured 76.99 inches for the year compared to 50.16 inches in the previous year. Heavy rainfall was recorded during the month of January—20.27 inches, February—7.12 inches, March—7.11 inches, and in June—6.46 inches. During these periods heavy rains set back farming operations and curtailed land preparation for planting and harvesting.

Continuing agricultural ventures in Waimanalo are orchard crops (bananas and guavas) and truck crops (corn, cucumber, eggplant, squash, Manoa lettuce, snap beans, soy beans, and green onions). Other enterprises include plant nurseries; flower farms; milk dairies; egg and poultry; and swine.

Soil conservation and flood control measures were practiced by the farmers.

Waimea Irrigation System

The Waimea Irrigation System is now servicing the Puukapu and Hawaiian Homes farm areas by providing low cost irrigation water. With the addition of these two farm areas, a total of 1,232 acres are within the irrigation district.

The Lalamilo Section was developed 20 years ago as an agricultural subdivision. It now has 32 consumers with an acreage of 274 acres under cultivation. It used 227.76 million

gallons of water during this fiscal period, a drop of 22.7 million gallons. Decline in usage is due to the higher rainfall of 29.83 inches recorded during this period compared to a rainfall recording of 9.44 inches the previous fiscal period.

The Puukapu Section had an increase in consumers from 8 to 13. Water consumption increased from 17.78 mg (million gallons) to 27.01 mg. Cultivated acreage increased from 12 to 90 acres. In March 1982, a rainfall gaging station was established in this area.

The Hawaiian Homes Section is serviced with low cost irrigation water from the State's system which was recently completed. Five homesteaders along Kahilu Road had been serviced by the State's system since June 1981. The number of consumers increased from two to 17 during this fiscal period. Acreage increased from 29 to 87 acres. Water consumption increased from 2.9 mg to 15.4 mg.

Molokai Irrigation System

The Molokai Irrigation System covers 3,729 acres under cultivation. Of this total, 3,027 acres is in pineapple. The remaining acreage is in diversified agriculture, including forage, ornamental plants, and nursery crops. There are 116 Hawaiian homesteaders utilizing the irrigation water. Nine corporations, cooperatives, and partnerships are also within the system. There was a slight reduction of water usage due to heavy rains during the past winter and early spring. The principal truck crops are: sweet potato, bell pepper, bush bean, eggplant, watermelon, cantalope, squash, onion, corn, dry land taro. Some banana and papaya have been harvested and shipped to Honolulu. A new 100 horsepower pump was installed in Waikolu Valley, replacing the old one known as Well 23.

ENGINEERING SERVICES PROGRAM

The Division renders engineering services in development of the State's agricultural parks, hydropower development, and the land development program.

Agricultural Parks

The State Agricultural Park Program is one of the major thrusts of the State Agricultural Plan. This program has been closely coordinated with the State Water Resources Development Program to assure the availability of irrigation water for planned agricultural parks throughout the State.

Since 1975, the State has developed five agricultural parks at Pahoa (Phases I and II), Panaewa, and Ke-ahole (phases I and II). The total acreage of these agricultural parks amounted to 1,224 acres. All lots have been leased to qualified farmers.

Soon to be constructed is the Waimanalo Agricultural Park, Phase I, project which will include 14 lots ranging in size from 5.6 acres to 10.7 acres and used primarily for diversified agriculture.

Planning is underway to improve and upgrade the irrigation collection and supply system in Maunawili Valley. Due to the poor condition of the ditch system, an appreciable amount of water is lost through leaks and seepages in the conveyance system. Improvements to the collection system will assure a reliable source of water for existing and planned agricultural uses in Waimanalo Valley.

The Department of Land and Natural Resources will soon enter into a watershed agreement with the U.S. Department of Agriculture-Soil Conservation Services (SCS) which will authorize the SCS and the Department to proceed with the design and construction of the project. The Waimanalo Watershed Project is designed to improve the present irrigation system that serves the farmplots in Waimanalo Valley. Improvements will consist of a new 60 M.G. (million gallons) open reservoir,

new pressure pipeline system, and a separate irrigation system designed to utilize sewage effluent from the Waimanalo Sewage Treatment Plant.

The Maunawili Valley Collection System Improvement and the Waimanalo Watershed Project will provide water for more agricultural uses in Waimanalo.

The design of storage tanks, pipelines, pump and control to develop the well on Kamaileunu Ridge in Waianae Valley is proceeding simultaneously with the design of the Waianae Agricultural Park to coincide with the completion of the agricultural park. Planned uses for the agricultural park are dairy, piggery and poultry operations and possibly a nursery.

Hydropower Development

A feasibility study is being conducted to examine the concept of damming a stream in the Kokee area to develop hydropower and irrigation water for sugar cane. The study will include a plan and will define physical facilities needed to develop the water resources. It will provide an estimate of construction and operational costs and determine the benefit/cost ratio of the project. Since the project is located in an environmentally sensitive area, an Environmental Impact Assessment will be conducted.

Land Development

Emergency repair was completed along the seawall fronting Diamond Head Apartments. Wave action had undermined the foundation of the seawall and eroded abutting property. Concrete was pressure-grouted to fill a huge cavity in the coral shelf.

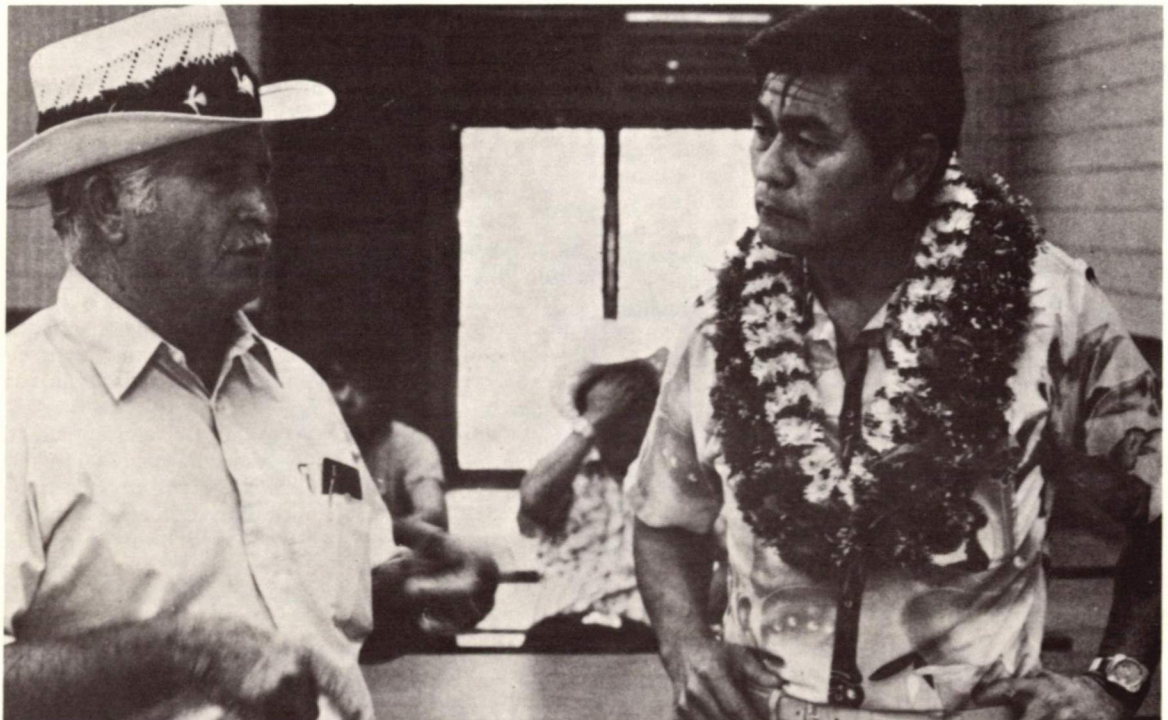
Construction will begin soon on realignment of Makiki Ditch along Makiki Street between Nehoa and Dominis streets. Presently, Makiki Ditch runs through lots fronting Makiki Street and is covered by an old, weak concrete slab overlain by soil. A part of this slab has collapsed exposing a large, deep open hole which poses a danger to persons and to the adjacent house. Other parts of the slab could also collapse.

The re-aligned ditch will be a culvert running under Makiki Street. Satisfactory arrangements have been worked out with the landowners for relocation of the ditch. Upon completion, the City and County of Honolulu will assume maintenance of the ditch.

Drought Mitigation

The South Kohala and Hamakua areas of Hawaii were severely stricken with below-normal rainfall in 1981. Extensive damages to agriculture were reported and the residents were subjected to water rationing over a prolonged period. The Governor declared the areas drought disaster areas and authorized \$750,000 in State emergency funds for four major water projects: (1) Kawaihae-Waimea booster pumps, (2) Kohala Mountains spring pipeline extension, (3) Puu Pulehu reservoir connection, and (4) Haina well pumping.

The Division working with the Hawaii County Department of Water Supply coordinated the installation of the emergency water facilities which helped minimize the agricultural losses and inconvenience to the residents for drinking water. A report of the drought has been prepared by the Division.



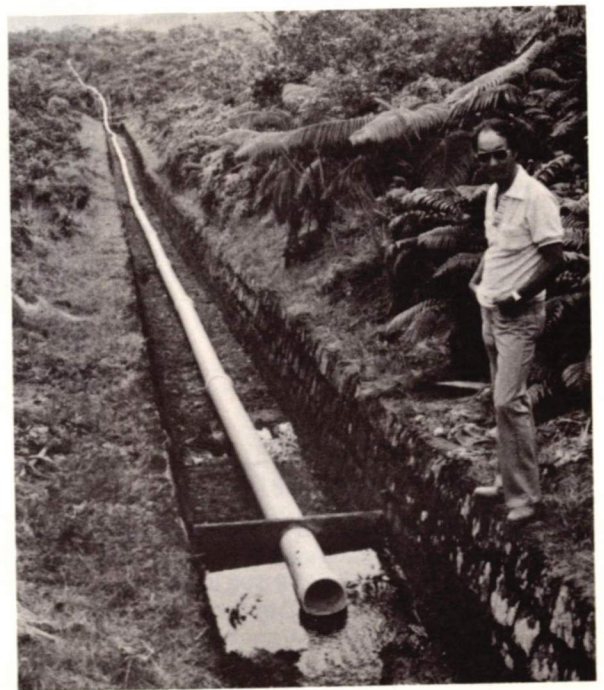
Governor Ariyoshi listening to rancher Jack Ramos' water needs for his cattle during Governor's drought field visit at Waimea on July 17, 1981.
Photo by Frank Miller—*West Hawaii Today*.



Dead cow in dry pasture during drought. Mid-July, 1981.
Photo by Frank Miller, *West Hawaii Today*.



Hawâii National Guard helicopter hauling in fuel for pump
at Kohala Mountains Spring. July 30, 1981.
Photo by Department of Water Supply.



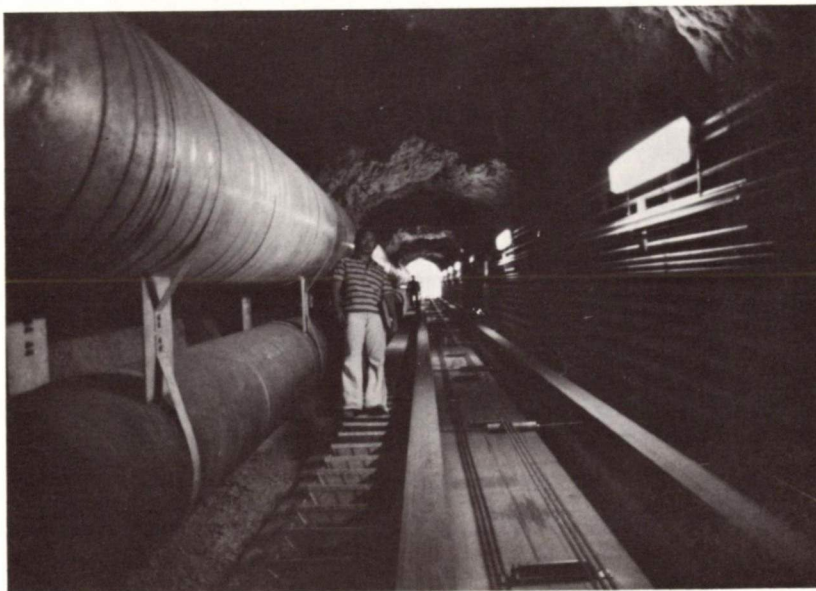
Kohala Mountains Spring pipeline.
Photo by Department of Water Supply.

WATER DEVELOPMENT PROGRAM

Projects undertaken in this program include the exploration for and development of water sources and construction of transmission and supply lines, storage tanks, booster pumping stations and appurtenant facilities for county water systems.

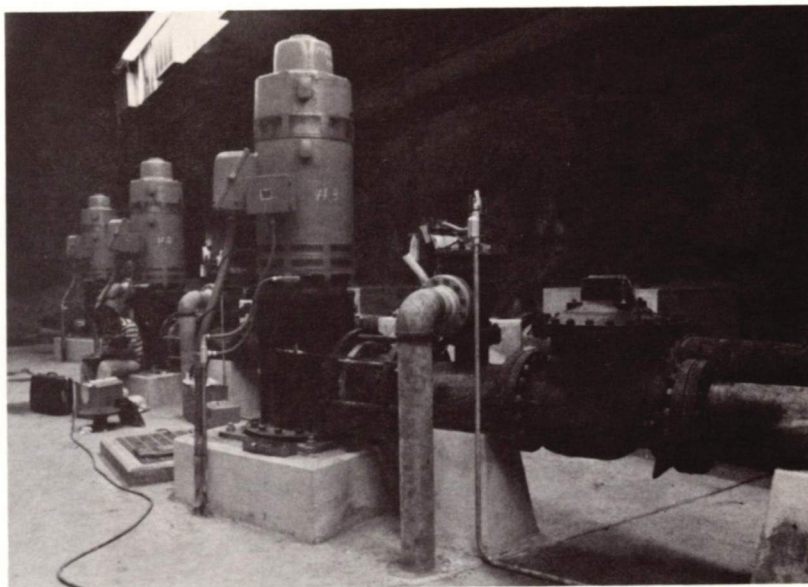
Hawaii Projects

Two 1,000 gpm (gallons per minute) deepwell pumps, 8,400 lineal feet of 18-inch pipeline and 11,900 lineal feet of 12-inch pipeline to provide water for the South Kohala coastal region were installed. In North Kona along Kuakini Highway and Palani Road, construction of 10,050 lineal feet of 20-inch pipeline and six booster pumps was completed.



Kahaluu Shaft: Kona Water System, North Kona, Hawaii.

Pump Room of Kahaluu Shaft, North Kona, Hawaii.



Maui Projects

In West Maui, the installation of a 1,000 gpm pump for Napili Well "C" and 0.1 M.G. (million gallons) concrete tanks, 2,600 lineal feet of 16-inch pipeline and 1,300 lineal feet of 12-inch pipeline to connect Napili Well "C" to the existing system was completed. The installation of a 500 gpm pump for Honokahua Well "A" and 680 lineal feet of 12-inch pipeline to connect Honokahua Well "A" to the existing system was completed.

Installation of a 200 gpm pump and controls for Hana Well "A" was completed.

Drilling of a 5-inch monitor well approximately 1,400 feet deep in Waiehu is nearing completion. The well will provide data on water levels, salinities and changes in the fresh and salt water bodies of the Wailuku ground water basin.

Kauai Projects

Installation of a 1,200 gpm pump and controls for the Koloa Well, construction of a 1.5 M.G. concrete tank, and installation of 7,400 lineal feet of 16-inch pipeline and 3,500 lineal feet of 18-inch pipeline in Koloa were completed. A 700 gpm pump and controls for Kekaha Well "B" was installed.

Oahu Projects

The drilling and rehabilitation of monitor wells in Waipahu and Moanalua was completed. The wells will provide information on the behavior of the basal lens of the Pearl Harbor ground water basin.

IRRIGATION WATER SALES

WAIMANALO IRRIGATION SYSTEM

Month	Water Sold (gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
1981					
July	21,611,894	963.032	\$ 2,407.71	\$1,728.98	\$ 4,136.69
August	14,433,762	963.032	2,407.71	1,154.72	3,562.43
September	16,258,507	963.032	2,407.71	1,300.66	3,708.37
October	14,296,921	963.032	2,407.71	1,143.74	3,551.45
November	1,843,634	963.032	2,407.71	147.50	2,555.21
December	4,384,898	963.032	2,407.71	350.80	2,758.51
1982					
January	327,835	963.032	2,407.71	26.22	2,433.93
February	1,515,372	963.032	2,407.71	121.25	2,528.96
March	2,050,725	963.032	2,407.71	164.04	2,571.75
April	4,643,294	963.032	2,407.71	371.47	2,779.18
May	13,536,800	974.032	2,435.21	1,082.93	3,518.14
June	7,339,075	974.032	2,435.21	587.08	3,022.29
Total	102,242,717		\$28,947.52	\$8,179.39	\$37,126.91

MOLOKAI IRRIGATION SYSTEM

Month	Water Sold (gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
1981					
July	114,071,000	3,728	\$ 7,095.70	\$ 9,125.68	\$ 16,221.38
August	113,245,000	3,739	7,107.25	9,059.60	16,166.85
September	95,639,000	3,691	7,056.35	7,651.12	14,707.47
October	97,506,000	3,700	7,063.25	7,800.48	14,863.73
November	59,936,000	3,700	7,063.25	4,794.88	11,858.13
December	43,922,000	3,700	7,063.25	3,513.76	10,577.01
1982					
January	21,192,000	3,701	7,076.45	1,695.36	8,771.81
February	14,753,000	3,711	7,075.35	1,180.24	8,255.59
March	17,120,000	3,711	7,075.35	1,369.60	8,444.95
April	20,655,000	3,711	7,075.35	1,652.40	8,727.75
May	46,034,000	3,712	7,077.55	3,682.72	10,760.27
June	100,226,000	3,736	7,102.85	8,018.08	15,120.93
Total	744,299,000		\$84,931.95	\$59,543.92	\$144,475.87

WAIMEA IRRIGATION SYSTEM

Month	Water Sold (gallons)	Acreage Served	Service Charges	Water Charges	Total Charges
LALAMILO SECTION					
1981					
July	16,412,750	274	\$ 616.50	\$ 1,090.48	\$ 1,706.98
August	23,660,050	274	616.50	1,528.07	2,144.57
September	30,969,980	274	616.50	1,900.63	2,517.13
October	31,413,500	274	616.50	1,964.00	2,580.50
November	22,844,630	274	616.50	1,564.93	2,181.43
December	14,300,470	274	616.50	1,003.54	1,620.04
1982					
January	6,303,500	274	616.50	441.93	1,058.43
February	5,738,880	274	616.50	417.43	1,033.93
March	8,742,400	274	616.50	621.60	1,238.10
April	21,106,890	274	616.50	1,172.22	1,788.72
May	26,441,920	277	623.25	1,686.75	2,310.00
June	21,510,350	277	623.25	1,412.52	2,035.77
Subtotal	229,445,320		\$ 7,411.50	\$14,804.10	\$22,215.60
PUUKAPU SECTION					
1981					
July	380,850	12	\$ 27.00	\$ 27.16	\$ 54.16
August	4,468,520	69	155.25	319.62	474.87
September	5,508,970	69	155.25	369.66	524.91
October	4,869,380	69	155.25	331.93	487.18
November	1,563,100	69	155.25	112.92	268.17
December	902,240	69	155.25	72.41	227.66
1982					
January	554,100	86	193.50	42.16	235.66
February	1,543,630	88	198.00	113.77	311.77
March	410,990	88	198.00	31.05	229.05
April	845,660	88	198.00	87.30	285.30
May	1,999,720	90	202.50	142.96	345.46
June	3,966,950	90	202.50	279.10	481.60
Subtotal	27,014,110		\$ 1,995.75	\$ 1,930.04	\$ 3,925.79
HAWAIIAN HOMES SECTION					
1981					
July	--	--	--	--	--
August	1,782,280	29	\$ 65.25	\$ 118.93	\$ 184.18
September	2,893,460	29	65.25	177.69	242.92
October	2,104,890	29	65.25	136.02	201.27
November	734,810	29	65.25	52.43	117.68
December	748,430	29	65.25	53.39	118.64
1982					
January	300,170	29	65.25	22.01	87.26
February	558,600	34	76.50	40.61	117.11
March	259,790	44	99.00	19.79	118.79
April	641,620	44	99.00	50.41	149.41
May	2,114,375	85	191.00	165.22	356.22
June	3,345,998	87	195.75	237.52	433.27
Subtotal	15,484,423		\$ 1,052.75	\$ 1,074.02	\$ 2,126.75
Total	271,943,853		\$10,460.00	\$17,808.16	\$28,268.14

STATUS OF CONSTRUCTION PROJECTS

Job No.	Description	Cost of Project	Starting Date	Completion Date	Contractor
FISH AND GAME PROJECTS					
7-OM-12	Seawater System, Paving & Fencing, Oceanic Institute, Waimanalo, Oahu, Hi. (Schs. II & V)	\$ 167,231.00	11/17/80	6/29/82	Hirahara, Inc.
7-OM-12	Seawater System, Paving & Fencing, Oceanic Institute, Waimanalo, Oahu, Hi. (Sch IV)	150,364.00	11/17/80	7/10/81	Magnus Construction, Inc.
7-OM-11X	Air Compressor Shelter, Wahiawa Reservoir, Wahiawa, Oahu, Hawaii	15,000.00	10/13/81		William Taylor, Inc.
7-OM-14X	Repairs to Redwood Tanks, Anuenue Fisheries Station, Kapalama, Oahu, Hawaii	6,885.25	7/20/81	8/18/81	Hawaii Painting & Wallcovering, Inc.
7-OM-13X	Repainting of Building, Anuenue Fisheries Station, Kapalama, Oahu, Hawaii	6,515.00	7/8/81	8/4/81	Andy Espinda Painting, Inc.
7-OM-16X	Security Fencing at Oceanic Institute, Waimanalo, Oahu, Hawaii	7,696.00	6/1/82		Jimmy's Fencing
7-OM-15	Pumphouse Replacement, Anuenue Fisheries Research Center, Kapalama, Oahu, Hawaii	24,945.00	6/10/82**		Anderson Pacific
WATER PROJECTS					
4-OW-8	Drilling Wailupe Well (1845-01)	\$ 199,095.00	1/19/81	6/29/81	Roscoe Moss Company
4-OW-3	Drilling & Rehabilitation of Monitor Wells, Waipahu and Moanalua, Oahu, Hawaii	432,696.44	9/24/79		Water Resources International, Inc.
4-OW-11	Cleaning Maunawili Reservoir, Waimanalo Irrigation System, Waimanalo, Oahu, Hi.	128,522.50	8/17/81	3/20/82	Jas. W. Glover, Ltd.
3-9W-41	Replacement of Existing Pump at Waikolu Well No. 23, Molokai Irrigation System, Molokai, Hawaii	113,340.00	9/8/81		Roscoe Moss Company
3-9W-44	Leasing Crawler Tractor and Access Road Repair, Molokai Irrigation System Molokai, Hawaii	34,550.00	8/31/81	11/30/81	Hirahara, Inc.
13-KW-12	Pump, Controls, Pipeline and Storage Tank Koloa, Kauai, Hawaii (Schedule I)	240,897.20	2/20/79	1/20/82	Ralph Inouye Co., Ltd.
13-KW-12	Pump, Controls, Pipeline and Storage Tank Koloa, Kauai, Hawaii (Schedule II)	836,107.50	4/23/79		General Construction Company
35-MW-34	Pump and Connecting Pipeline for Napili Well "C", West Maui Water Project, Napili, West Maui, Hawaii	840,862.00	10/15/79		Fong Construction Co., Ltd.
35-MW-35	Pump and Connecting Pipeline for Honokahua Well "A", West Maui Water Project, Honokahua, West Maui, Hawaii	415,475.00	5/12/80		Fong Construction Co., Ltd.
8-HW-49	Pipeline Along Kuakini Highway, Phase II Kona Water Project, Hawaii	1,736,978.92	12/8/80	2/18/82	Isemoto Contracting Co., Ltd.
48-HW-21	Lalamilo Water System, South Kohala, Hi.	3,236,192.85	6/16/80		Jas. W. Glover, Ltd.
2-HW-19	Crawler Tractor and Materials for Repair to Upper Hamakua Ditch, Waimea, Hi.	33,665.00	1/27/82		Isemoto Contracting Co., Ltd.
2-HW-20	Pressure Reducing Unit for Waimea Irrigation System, South Kohala, Hawaii	30,800.00	7/9/82**		H. Harada Contractor, Inc.
22-HW-30	Drilling Panaewa Well No. 3 (4003-03), Waiakea, South Hilo, Hawaii	189,385.00	7/9/82**		M-W - Drilling, Inc.
8-HW-50	Drilling Holualoa Well (3657-01), Holualoa, North Kona, Hawaii	546,610.00	7/9/82**		Water Resources Int'l., Inc.
4-OW-20X	Reservoir Fencing, Waimanalo Irrigation System, Waimanalo, Oahu, Hawaii	12,367.01	6/1/82	6/18/82	Jimmy's Fencing
4-OW-21X	Irrigation Facilities Clearing and Repair, Waimanalo Irrigation System, Waimanalo, Oahu, Hawaii	13,318.00			G & E Builders, Ltd.
4-OW-23	Drilling Kulihouou Well (1843-02), Honolulu, Oahu, Hawaii	148,900.00	7/9/82**		Roscoe Moss Company

Job No.	Description	Cost of Project	Starting Date	Completion Date	Contractor
4-OW-19	Drilling Manoa II Well (1948-01), Honolulu, Oahu, Hawaii	229,600.00	7/9/82**		Roscoe Moss Company
4-OW-9	Drilling Waialae Nui Well (1747-03), Honolulu, Oahu, Hawaii	215,100.00	7/9/82**		Roscoe Moss Company
4-OW-18X	Waimanalo Office Addition, Waimanalo, Oahu, Hawaii	11,054.00	7/26/82		Walea Land, Inc.
35-MW-36	Drilling Waiehu Monitor Well (5430-05) Waiehu, Maui, Hawaii	264,580.00	5/24/82	10/20/82*	Water Resources Int'l. Inc.
12-KW-18	Makaleha Well (062202) Kapaa Homestead, Kauai, Hawaii	221,420.00	6/28/82	12/24/82*	Roscoe Moss Co.
51-KW-26	Improvements to Pee Kauai Ditch, Waimea, Kauai, Hawaii	17,500.00	7/9/82**		H.M. Construction, Inc.
3-9W-45	Installation of Strainers, Molokai Irrigation Project, Molokai, Hawaii	80,717.00	7/9/82**		Friendly Isle Contracting & Equipment, Inc.
3-9W-46	Renovate Grating at Intake Structure No. 1, Waikolu Valley, Molokai, Hi.	27,000.00	7/9/82**		Railings, Inc.
STATE PARKS PROJECTS					
5-OP-26	Kahana Valley State Park, Phase I, Inc. 1, Kahana, Oahu, Hawaii	1,105,870.00	10/9/79		Ralph S. Inouye Co., Ltd.
21-OP-7	Asphalt Concrete Swales, Keaiwa Heiau State Park, Aiea, Oahu, Hawaii	27,402.00	6/25/81	9/4/81	Brill, Inc.
5-OP-33	Safety Improvements & Repairs, Diamond Head State Monument, Honolulu, Oahu, Hawaii, (Schedule I)	23,485.00	8/3/81	10/23/81	Walter Arakaki, Inc.
5-OP-33	Safety Improvements & Repairs, Diamond Head State Monument, Honolulu, Oahu Hawaii, (Schedule II)	4,860.00	8/3/81	10/23/81	Site Engineering, Inc.
24-KP-17	Reroofing Cabins, Kokee State Park, Waimea, Kauai, Hawaii	71,709.00	5/21/81	8/17/81	Iwamoto Construction, Inc.
30-KP-35	Boat Piers, Wailua River State Park Wailua, Kauai, Hawaii	134,915.00	6/8/81	12/16/81	Lahaina Pier & Pile Co.
57-HP-15	Railings for Footbridges, Wailoa River State Park, Hilo, Hawaii	36,192.00	6/15/81	11/18/81	Vanderpoel Tech, Inc.
49-MP-7	Parking Area Resurfacing and Sewer Line Extension, Iao Valley State Park Wailuku, Maui, Hawaii	51,650.00	8/3/81	11/18/81	E.T. Ige Construction, Inc.
36-MP-24	Asphalt Concrete Resurfacing, Waianapanapa Caves State Park, Hana, Maui, Hawaii	35,705.00	8/3/81	8/20/81	Grace Brothers, Ltd.
24-KP-18	Asphalt Concrete Resurfacing, Kokee State Park, Waimea, Kauai, Hi.	57,442.20	9/8/81	9/10/81	Hawaiian Bitumuls & Paving Co.

Job No.	Description	Cost of Project	Starting Date	Completion Date	Contractor
30-KP-36	Asphalt Concrete Repaving, Wailua River State Park, Wailua, Kauai, Hi.	66,170.25	9/8/81	10/29/81	Hawaiian Bitumuls & Paving Co.
23-HP-23	Handrails, Akaka Falls State Park, Honouliuli, Hawaii	28,350.00	3/17/82		Railings, Inc.
57-HP-16	Gates for Canoe Shed, Wailua River State Park, Hilo, Hawaii, Hawaii	12,400.00	6/21/82**	9/18/82*	Railings, Inc.
23-HP-24	Sanitary System Improvements, Hapuna Beach State Park, Lalamilo, Hi., Hi.	42,482.65	5/28/82**		Jas. W. Glover, Ltd.
23-HP-20A	Park Pavilion, Kona Airport State Park, Kailua, North Kona, Hawaii	1,208,156.50	6/25/82**		Constructors Hawaii, Inc.
46-OP-20	Sand Island State Park, Phase III Inc. 2 and Fencing, Honolulu, Oahu, Hi.	753,753.42	4/12/82	2/5/83*	Oahu Construction Company, Ltd.
5-OP-34	Replacement of Existing Waterline, Puu Ualakua State Wayside, Honolulu, Oahu, Hi.	34,253.00	6/7/82	9/4/82*	Koga Engineering & Const., Inc.
5-OP-38	Comfort Station, Tantalus State Recreation Area, Honolulu, Oahu, Hi.	42,625.00	6/10/82**		Mokihana Builders
5-OP-39	CRM Wall Reconstruction, Royal Mausoleum State Monument, Honolulu, Oahu, Hawaii	22,450.00	5/28/82**		Geo Engineering Corp.
5-OP-42	Park Security Residence, Waimanalo Bay State Recreation Area, Waimanalo, Oahu, Hawaii	150,414.62	6/25/82**		Sandwich Islands Construction, Ltd.
5-OP-37	Trail Improvements, Diamond Head State Monument, Honolulu, Oahu, Hawaii	51,593.50	6/25/82**		Ideal Construction, Inc.
5-OP-43	Asphalt Concrete Paving, Puu O Mahuka Heiau State Monument, Pupukea, Oahu, Hi.	63,448.00	6/25/82**		Site Engineering, Inc.
5-OP-35	Demolition and Clearing, Rainbow (Aiea) Bay State Park, Aiea, Oahu, Hawaii	61,906.00	6/25/82**		Royal Contracting Co., Ltd.
49-MP-8	Comfort Station, Iao Valley State Wayside, Wailuku, Maui, Hawaii	88,995.00	5/28/82**		Service Contracting Company
36-MP-25	Comfort Station and Parking Lot, Puua Kaa State Wayside, Koolau, Maui, Hawaii	132,402.32	6/25/82**		Covco Hawaii Corp.
30-KP-37	Repainting and Termite Treatment, Marina Buildings "A" and "B", Wailua River State Park, Wailua, Kauai, Hawaii	44,501.00	3/15/82	7/20/82	Fuse Painting, Inc.
30-KP-38	Asphalt Concrete Paving at Opaekaa Lookout, Wailua River State Park, Wailua, Kauai, Hi.	35,505.00	7/19/82		E.F. Nilson, Inc.
24-KP-19X	Pump Replacement, Waimea Canyon Lookout Area Waimea Canyon State Park, Waimea, Kauai, Hawaii	11,775.00			Roscoe Moss Company

Job No.	Description	Cost of Project	Starting Date	Completion Date	Contractor
LAND PROJECTS					
46-OL-17	Sand Island Parkway & Sewage Pump Station, Sand Island, Oahu, Hawaii (Schedule I)	1,964,455.00	9/29/80		Okada Trucking Co., Ltd.
46-OL-17	Sand Island Parkway & Sewage Pump Station, Sand Island, Oahu, Hawaii (Schedule II)	1,693,801.20	9/29/80	8/31/81	Oahu Construction Co., Ltd.
10-HL-14	Panaewa Agricultural Park South Hilo, Hawaii	1,161,976.55	10/27/80	12/20/81	Willocks Construction Corp.
44-HA-2	Pahoa Agricultural Park, Phase II Puna, Hawaii	867,296.50	4/6/81	2/12/82	Yamada & Sons, Inc.
44-HA-3	Ke-Ahole Agricultural Park, Phase II, Ke-Ahole, North Kona, Hawaii	438,200.00	2/8/82	11/4/82*	Yamada & Sons, Inc.
41-OL-31	Waimanalo Agricultural Park, Phase I, Waimanalo, Koolaupoko, Oahu, Hi	1,475,588.60			Royal Contracting Co., Ltd.
FLOOD CONTROL PROJECT					
9-OF-9	Makiki Stream Realignment, Honolulu, Oahu, Hawaii	498,818.00	6/10/82**		Highway Construction Co., Ltd.

X After Job No. Indicates Informal Bid
 * Estimated Contract Completion Date
 ** Contract Awarded Date

DIVISION OF LAND MANAGEMENT

The Division of Land Management is charged with the prudent management of State-owned land under the control of this division and makes such land available for public and private use in accordance with established policies and plans; manages real property of the State for which the department has custody; manages the State's public lands not in use or set aside for use by other agencies; negotiates the acquisition and disposition of public lands through sales, lease, rent, or exchange; supervises performance and payment under terms of lease and rental agreements; maintains an inventory of all public lands; and reviews State land acquisition documents before registration or recordation and maintains a central depository of State land acquisition and disposition documents.

Land Development

Development of agricultural parks continues at an even pace. The Pahoa Agricultural Park, Phase II, has been completed. All thirty-three (33) five-acre lots have been leased. Phase I of this project, completed in fiscal year 1974-75, is now predominantly used for the production of anthurium, an excellent cash crop. Other ornamentals, such as orchids, are also being produced in this area where shade houses are used extensively.

The Panaewa Agricultural Park has also been completed, and all twenty-six (26) lots have been leased. These lots varied in size from ten (10) to twenty (20) acres making it possible for orchards to be developed for the production of macadamia nuts or avocados.

The Keahole Agricultural Park, Phase II, has been completed and disposition of twenty-two (22) five-acre lots will be completed by the first quarter of fiscal year 1982-83.

Agricultural parks scheduled for completion during fiscal year 1983-84 include Waimanalo, Phase I (14 lots), Waianae (15 lots), and Waiahole (71 lots). The Kahuku Agricultural Park project is expected to be completed in fiscal year 1984-85.

The Sand Island Parkway was completed in October 1981 as planned and for those who frequent the Sand Island State Park and who remembered the old, pot-hole damaged road, this Parkway has proved to be an improvement.

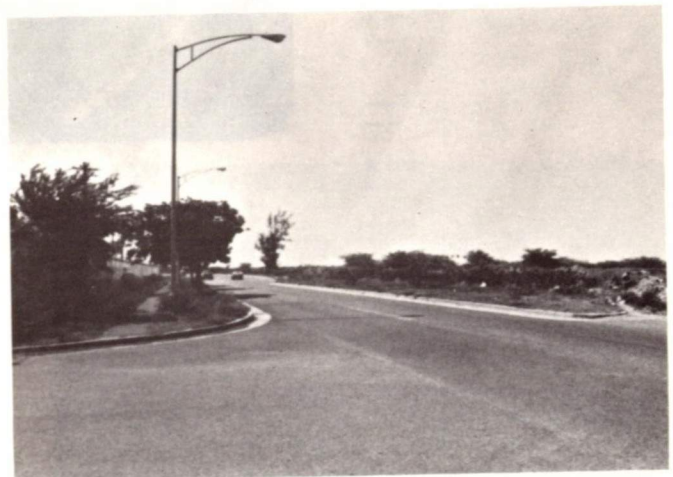
Two (2) acquisitions on the Big Island are for pipeline easements for the Lalamilo-Puukapu Irrigation System servicing the farmers of the Lalamilo-Puukapu areas.

Land Disposition

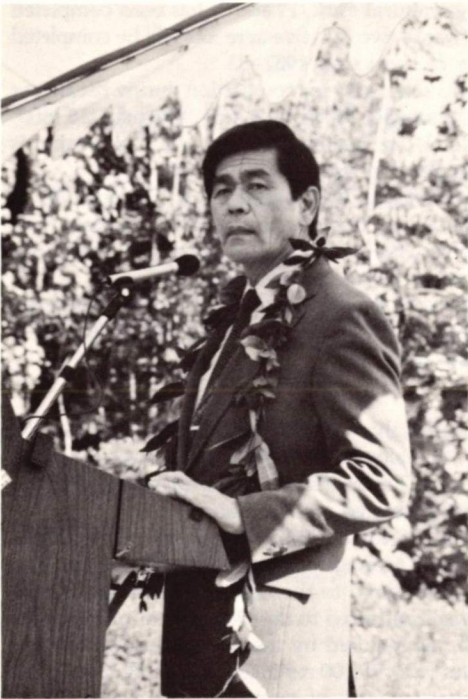
Land dispositions for the year totalled 205 cases including 38 Executive Orders, 14 Sales in Fee, 88 General Leases and 65 Revocable Permits. 42,933 acres of land were involved and \$702,501 in revenue has been generated for the State.

As of June 30, 1982, \$8,032,861.00 in revenue was received from all sources for the Land Management program. Of this amount, \$1,108,635.00 was transferred to the Office of Hawaiian Affairs and \$778,654.00 was transferred to the Department of Hawaiian Home Lands (HHL) as required by the State Constitution. The \$778,654.00 includes \$120,974.00 revenues from HHL lands managed by the Division and 30% of receipts from cane leases and water licenses (\$657,675.00).

The New Sand Island Parkway



Panaewa Agricultural Park



Dedication ceremony.



A portion of the ag park is to be used by the University of Hawaii.

PUBLIC TRUST LAND PROCEEDS

Receipts (All Chapter 171, HRS)	Actual 1981-82	Estimated 1982-83
Rentals, Unleased Public Lands	\$1,146,323	1,150,000
Sale of Wood, Rock and Sand	89,207	90,000
License, Use of Government Water	307,587	308,000
License, Use of Government Land for Specific Purposes	209,556	40,000
Total	\$6,528,889	\$6,388,000

Expenditures	Actual 1981-82	Estimated 1982-83
Revenue to Office of Hawaiian Affairs	\$1,060,486	\$1,100,000
Revenue to Hawaiian Homes (Includes \$120,979 income from HHL)	778,654	1,000,000
Land and Transfers	---	---
Transfers to General Fund	4,689,749	4,288,000
Total	\$6,528,889	\$6,388,000

GENERAL FUND REVENUES

FEE SCHEDULE

Title of Receipt (Legal Reference)	Fee Schedule	Actual 1981-82	Estimated 1982-83
Liquidated Contract Damages		\$ ---	\$ ---
Conveyance Tax (Act 5/68)	\$.05 per 100	2,174	3,000
Forfeiture for Failure to Return Plans and Specifications	25.00 per plan & spec	---	---
Fees, Copies of Public Documents	.50 per page	1,062	1,000
Fees, Issuance of Land Patents, etc.	30.00 each	4,970	2,500
Fees, Consents to Transfers, etc.	30.00 each	1,633	1,500
Fees, Surveying Public Lands	25.00 each	2,925	2,000
Fees, Appraisal	Cost to Department but not less than 25.00 each	---	---
Sale of Publications		---	---
Sale of Improvements on Expired or Cancelled Leases		---	---
Cost of Managing Property Acquired for Highway Purposes		9,159	9,000
Indemnity for Damages to Insured Property		1,003	---
Fees, Conservation District Use Applications		14,559	15,000
Sale of Wood, Rock and Sand		---	---
Interest on Delinquent Accounts		---	---
Witness or Juror Fees		---	---
Not Conforming with State Conservation Requirements		30,500	3,500
Sales of Equipment or Other Property		---	---
Refund/Reimbursement		---	---
Transfer Balance - Sand Island Revenues		739,334*	739,334
Total		\$807,319	\$773,334

*For fiscal year 1980-81

SPECIAL LAND AND DEVELOPMENT FUND

Receipts	Actual 1981-82	Estimated 1982-83
Transfers In	\$ ---	\$ ---
Interest Earned on TCD	73,368	90,000
Interest Earned on Deferred Payments	54,745	45,000
Sale of Public Lands	568,540	500,000
Reimbursable Expenditures	---	---
Refunds and Reimbursements of Prior Year's Expenditures	---	---
Total	\$ 696,653	\$ 635,000

Expenditures	Actual 1981-82	Estimated 1982-83
Land and Interest in Land	\$ ---	---
Structures and Permanent Improvements to Land	---	---
Appraisal Fees	26,444	35,000
Publication of Notices Fund	754	5,000
Maintenance Fund	100,000	100,000
Bond Fund Repayments	608,573	534,802
Administrative Costs	19,887	20,000
Revenue to Office of Hawaiian Affairs (\$9,064-Int., \$39,085-Land)	48,149	48,000
Total	\$ 803,807	\$ 742,802

Balance at the beginning:	\$ 906,860	\$ 853,706
Balance at end:	\$ 853,706	\$ 745,904

SUMMARY OF DISPOSITIONS

ALL ISLANDS
Fiscal Year 1981-82

Counties	Executive Orders	Sales In Fee	General Leases	Revocable Permits	Grand Total
Hawaii (1st Land District)					
Number	14	4	68	2	88
Area (Acres)	37,423.049	5.396	589.867	7.773	38,026.085
Price* or Annual Rent	---	46,180.00	79,771.00	85.00 1,020.00 (annual)	126,971.00
Maui (2nd Land District)					
Number	6	4	1	12	23
Area (Acres)	68.419	1.401	1.270	886.696	957.786
Price* or Annual Rent	---	27,630.00	10.00	398.50 4,782.00 (annual)	32,422.00
Oahu (3rd Land District)					
Number	13	3	3	31	50
Area (Acres)	1,804.997	1.452	9.000	49.563	1,865.012
Price* or Annual Rent	---	316,320.00	120.00	14,214.50 170,574.00 (annual)	487,014.00
Kauai (4th Land District)					
Number	5	3	16	20	44
Area (Acres)	1,657.736	1.063	160.106	265.047	2,083.952
Price* or Annual Rent	---	7,776.21	34,914.00	1,117.00 13,404.00 (annual)	56,094.21
Grand Totals					
Number	38	14	88	65	205
Area (Acres)	40,954.201	9.312	760.243	1,209.079	42,932.835
Price* or Annual Rent	---	397,906.21	114,815.00	15,815.00 187,780.00 (annual)	702,501.21

SUMMARY OF GENERAL LEASES

ALL ISLANDS
Fiscal Year 1981-82

Use	Area (Acres)	Annual Rental	No. of Leases
Intensive agriculture use	69,858.551	\$1,401,521.11	310
Special livestock use	.000	0.00	0
pasture use	190,574.042	715,741.68	111
commercial timber use	.000	0.00	0
quarry use	.000	0.00	0
mining use	55.882	210.00	3
recreational use	325.544	1,112.00	9
watershed use	7,622.567	112,915.00	10
residential use	166.856	4,485.50	149
commercial and industrial use	645.109	1,536,350.96	162
hotel, apartment and motel use	3.281	23,023.00	5
resort use; and	.000	0.00	0
unclassified uses	45,664.170	189,515.93	232
Totals	314,905.000	\$4,021,875.18	991

SUMMARY OF GENERAL LEASES

FIRST LAND DISTRICT - ISLAND OF HAWAII
Fiscal Year 1981-82

Use	Area (Acres)	Annual Rental	No. of Leases
Intensive agriculture use	21,099.385	\$ 395,393.92	177
Special livestock use	.000	0.00	0
pasture use	172,194.161	633,659.68	49
commercial timber use	.000	0.00	0
quarry use	.000	0.00	0
mining use	.000	0.00	0
recreational use	202.128	1.00	1
watershed use	5,845.150	8,720.00	2
residential use	31.112	3,068.50	20
commercial and industrial use	264.752	580,769.46	90
hotel, apartment and motel use	3.281	23,023.00	5
resort use	.000	0.00	0
unclassified uses	36,917.064	33,726.60	76
Totals	236,570.33	\$1,678,362.16	420

METHOD OF DISPOSITION

ANNUAL REPORT

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

July 1, 1981 to June 30, 1982

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

GENERAL LEASES

HAWAII

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 - Commercial & Ind.	\$ 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 - Commercial & Ind.	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 - Commercial & Ind.	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 - Commercial & Ind.	9,578.00
2908	Noboru Nakagawa, Sakae Nakagawa, Susumu Nakagawa and Lawrence Takeshi Nakagawa	11/01/42-3/31/82	Waiakea, S. Hilo	2-1-15:01	50.867	U - Unclassified (Fishpond)	1,400.00
(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 - Unclassified (ROW)	12.00
3029	David Deluz, Richard C. Robertson, John Tolmie, Linda Ann Tolmie	9/13/45-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-05:22	1.190	U - Commercial & Ind.	\$ 8,112.00
3155	Kenneth Hughes Alice H. Hughes	3/15/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:21	.163	U - Residential	155.00
3156	William C. Peters	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:22	.165	U - Residential	186.00
3157	Margaret McKeen	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:23	.167	U - Residential	366.00
3158	Penniman Title Company, Inc.	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:24	.169	U - Residential	306.00
3160	Patricia Nielson	11/18/46-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:26	.173	U - Residential	159.00
3161	Robert Alvin Finkle	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	Harold C. & Doris Hutchins	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	Ruth K. Thayer & Cleo Thayer	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	HGP, Inc.	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:34	.190	U - Residential	185.00
3169	David V. Huggett & Eileen L. McDaniel	9/10/47-3/14/2015	Ocean View Lots, Waiakea, S. Hilo	2-1-07:35	.190	U - Residential	174.00
3170	Duaine T. & Pauline K. Edwards	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	2-1-17:65	.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 - Hotel, Apartment and Motel	2,981.00

METHOD OF DISPOSITION

D - Direct Award
All others by public auction

ANNUAL REPORT

July 1, 1981 to June 30, 1982

LAND USE COMMISSION
LAND CLASSIFICATION

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

GENERAL LEASES

HAWAII

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 - Hotel, Apt. & Motel	\$ 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 - Hotel, Apt. & Motel	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 - Hotel, Apt. & Motel	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 - Hotel, Apt. & Motel	9,180.00
3354	Davies Hamakua Sugar Co.	1/01/52- 12/31/2008	Gov't Remainders of Papaki, Koloaha Au 1st, Hamakua	4-6-05:08	547.724	A - Intensive Ag. (Cane)	784.00
3472	Davies Hamakua 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	627.50
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 - Commercial & Ind.	11,300.00
S-3584	Pepeekeo Sugar Co.	2/01/60- 12/31/89	Kamaee-Wailua & Puuhua, N. Hilo	3-1-04:01 & 02	330.120 19.360 199.270 548.750	A - Intensive Ag. (Cane) (ROW) (Waste)	2,971.08 19.36 19.93 3,010.37
S-3585	Pepeekeo Sugar Co.	2/01/60- 12/31/89	Honou-Hukua, Kaakepa & Kaupakuea, S. Hilo	2-8-11:01, 03, 09 & 11	768.688 26.406 21.340 91.500 907.934	A - Intensive Ag. (Cane) (ROW) (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 - Intensive Ag. (Cane) (ROW) (Waste)	\$ 1,397.32 2.39 3.34 1,403.05
S-3587	Davies Hamakua Sugar Co.	2/01/60- 12/31/89	Kaunamano, Hamakua	4-4-01:01	21.000 11.100 32.100	A - Intensive Ag. (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 - Commercial & Ind.	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 - Commercial & Ind.	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 - Commercial & Ind.	1,220.00
S-3593	Automotive Supply Center, Ltd.	1/16/61- 1/15/2016	Kanoelehua Industrial Waiakea, S. Hilo	2-2-49:12	.367	U - Commercial & Ind.	576.00
S-3594	James B. Toldeo Jr. dba Broto's Body & Fender	1/16/61- 1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:83	.224	U - Commercial & Ind.	\$ 400.00
S-3595	Harry Hiroo Nishimura dba Harry's Refrigeration Service	1/16/61- 1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:86	.258	U - Commercial & Ind.	440.00
S-3596	Laupahoehoe Transportation Co., Inc.	1/16/61- 1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:11	.381	U - Commercial & Ind.	605.00
S-3597	Josephine N.K. Kunewa	1/16/61- 1/15/2016	Kamehameha Ave. Bus. Lots, Waiakea S. Hilo	2-2-32:64	.339	U - Commercial & Ind.	1,110.00
S-3598	Honolulu Roofing Co., Ltd.	1/16/61- 1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:85	.258	U - Commercial & Ind.	440.00
S-3599	Big Island Builders, Inc.	1/16/61- 1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:90	.775	U - Commercial & Ind.	1,015.00

METHOD OF DISPOSITION

D - Direct Award
All others by public auction

ANNUAL REPORT

July 1, 1981 to June 30, 1982

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-3600	Durant Realty Co., Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:97	.344	U - Commercial & Ind.	585.00
S-3601	Allan D. Starr	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:07	.775	U - Commercial & Ind.	828.00
S-3602	Hawaii Pest Control, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:14	.364	U - Commercial & Ind.	\$ 570.00
S-3603	Harders Co., Ltd.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:16	.293	U - Commercial & Ind.	460.00
S-3604	Walter Kiyoshi Hamai dba W.K. Hamai Repair Shop	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:02	.258	U - Commercial & Ind.	440.00
S-3606	Hilo Kala, Inc.	1/16/61-1/15/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:96	.344	U - Commercial & Ind.	575.00
S-3609	Gray Line Hawaii, Ltd.	1/16/61-1/15/2016	Waiakea Bus. & Industrial Lots, S. Hilo	2-2-32:68	2.363	U - Commercial & Ind.	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 - Commercial & Ind.	3,660.00
S-3612	Davies Hamakua Sugar 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 - Intensive Ag. (Cane) (ROW) (Pasture (Waste)	6,725.88 35.36 298.93 17.59 7,077.76
S-3613	Davies Hamakua Sugar Co.	2/01/61-12/31/2008	Humuula & Kahoahuna N. Hilo	3-9-01:01, 13 & 18 3-9-02:01, 07	818.593 25.090 332.390 1,176.073	A - Intensive Ag. (Cane) (ROW) (Waste)	\$ 7,367.33 25.09 33.24 7,425.66
S-3614	Davies Hamakua Sugar Co.	2/01/61-12/31/2008	Niuepa-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 - Intensive Ag. (Cane) (ROW) (Waste)	4,437.68 10.93 15.68 4,464.29
S-3615	Davies Hamakua Sugar Co.	2/01/61-12/31/2008	Ookala-Manowaialee, 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 - Intensive Ag. (Cane) (ROW) (Waste)	9,734.04 20.85 26.60 9,781.49
S-3616	Davies Hamakua Sugar Co.	2/01/60-12/31/2008	Kaiaakea Makai Remainder N. Hilo	3-4-03:11, 12, 13, 14, 16, 38, 39	64.380 15.703 80.083	A - Intensive Ag. (Cane) (Waste)	579.42 1.57 580.99
S-3617	Davies Hamakua 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 - Intensive Ag. (Cane) (ROW) (Waste)	865.00
S-3618	Laupahoehoe Transportation Co., Inc.	2/06/61-2/05/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:09	.775	U - Commercial & Ind.	1,015.00
S-3619	Mauna Kea Electric Inc.	2/06/61-2/05/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-49:39	.320	U - Commercial & Ind.	510.00
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 - Commercial & Ind.	\$ 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 - Commercial & Ind.	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 - Commercial & Ind.	545.00
S-3624	Castle & Cooke, Inc.	3/06/61-3/05/2016	Por. Waiakea, S. Hilo	2-1-12:26	4.499	U - Commercial & Ind.	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 - Commercial & Ind.	410.00
S-3653	Andrews Trucking Service	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:81	.256	U - Commercial & Ind.	540.00

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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
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 - Pasture	\$ 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 & Kahala 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 - Commercial & Ind.	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 - Intensive Ag. (Cane) Contributory Pasture Waste	10,581.66 182.87 35.83 17.65 10,818.01
S-3670	Machida, Inc.	3/20/61-3/19/2016	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:98	.344	U - Commercial & Ind.	585.00
(D)S-3696	Hawaiian Telephone Co.	1/26/62-1/25/83	Puunalei Home Site, Waiuli, Waiakea, S. Hilo	2-1-13:08	1.069	U - Unclassified (ROW)	30.00
(D)S-3697	Hawaiian Telephone Co.	1/26/62-1/25/83	Huunala, N. Hilo	3-8-01:12	2.868	A - Unclassified (ROW)	\$ 20.00
S-3698	Bank of Hawaii	1/26/62-1/25/2017	Waiakea, S. Hilo	2-2-49:22	.687	U - Commercial & Ind.	7,880.00
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 - Commercial & Ind.	851.00
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 - Commercial & Ind.	587.00
S-3719	Hawaii Planters, Inc.	1/28/63-1/27/83	Hulunani, Kaunaloa & Ki, 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 - Unclassified (Elee.)	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 - Commercial & Ind.	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 - Commercial & Ind.	572.00
(D)S-3731	County of Hawaii, Board of Water Supply	7/01/64-6/30/2029	Mountain View Water System, Land Site #1, Puna	1-8-08:21	.181	C - Unclassified	\$ Gratis
(D)S-3732	County of Hawaii, Civil Defense & Disaster Relief Agency	3/29/63-3/28/2013	Kaunama (Kaunama Cave) Hilo	2-5-06:03 & 04		A - Unclassified	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 - Unclassified	Gratis
(D)S-3739	County of Hawaii, Civil Defense & Disaster Relief Agency	3/29/63-3/28/2013	Malana (Mackenzie) Puna	1-3-07:06		C - Unclassified	Gratis
S-3742	Yasuo Kuwaye	11/12/63-11/11/2018	Waiakea Industrial Lots, Waiakea, S. Hilo	2-2-58:14	2.165	U - Commercial & Ind.	4,452.00
(D)S-3744	County of Hawaii, Civil Defense & Disaster Relief Agency	4/26/63-4/25/2013	Puanahulu Cave, N. Kona	7-1-03:por. 01		C - Unclassified	Gratis

*Holdover

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(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 - Unclassified	\$ Gratis
S-3750	Jiro Tanaka dba Tanaka Electrical	4/26/63-4/25/2018	Kanoelehua Industrial Lots, Waiakea, S. Hilo	2-2-50:76	.274	U - Commercial & Ind.	622.00
(D)S-3751	County of Hawaii, Hilo Hospital Complex & Allied Facilities	6/07/63-6/06/2028	Piipihonua, S. Hilo	2-3-27:02	20.401	U - Unclassified	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, and 10	21.296	A - Unclassified	1.00 Full Term
(D)S-3834	County of Hawaii, Board 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 - Unclassified	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 - Commercial & Ind.	565.56
S-3837	Hongo Nursery, Inc.	6/16/64-6/15/2019	Waiakea Hmstds., S. Hilo	2-2-44:04	10.000	U - Commercial & Ind.	438.00
(D)S-3844	University of Hawaii	7/24/64-7/23/2029	Hamakua Experiment Farm, Kaohi	4-3-10:07	185.000	A - Intensive Ag.	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 - Unclassified	\$ 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 - Unclassified	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 - Unclassified	Gratis
(D)S-3865	County of Hawaii, Board of Water Supply	8/28/64-8/27/2029	Utility Easements at Panaewa, S. Hilo	2-2-48:por. 05	.182	U - Unclassified	1.00 Full Term
S-3867	Manuel Souza	10/28/64-10/27/84	Paauiio-Pahakea Reserve Lots	4-3-15:01	4.540	A - Pasture	67.50
S-3868	Ponoholo Ranch, Ltd.	10/28/64-10/27/84	Makilo Gov't. Tract, N. Kohala	5-9-02:06	138.000	A - Pasture	1,110.00
S-3870	James Ontai, Jr.	10/28/64-10/27/94	Papa Hmstds., S. Kona	8-8-04:04, 06, & 07	21.180	A - Intensive Ag.	180.00
S-3875	Feed-Well, Inc.	8/12/66-8/11/2021	Kahema Street, Hilo	2-2-50:93	.689	U - Commercial & Ind.	1,800.00
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	4,500.00
(D)S-3887	Hilo Electric Light Co., Ltd.	1/20/65-1/19/95	Por. H.H.L., Humuila, N. Hilo	3-8-01:07	6.583	C - Unclassified (ROW)	\$ 360.00
(D)S-3888	Hawaiian Telephone Co.	1/20/65-1/19/2030	Waiakea Houselots, S. Hilo	2-2-37:63	.895	U - Commercial & Ind.	2,130.00
S-3908	Hoshi International,	4/12/65-4/11/2030	Ocean View Lots, Waiakea, S. Hilo	2-1-05:28	2.319	U - Commercial & Ind.	15,000.00
(D)S-3916	County of Hawaii, Board of Water Supply	10/30/64-10/29/2029	Panaewa, Waiakea, S. Hilo	2-2-48:84	.204	U - Unclassified	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 - Unclassified (ROW)	7,566.00
(D)S-3927	Hilo Electric Light Co., Ltd.	9/24/65-9/23/95	Por. Kaohi, Hamakua	4-4-16:10	.881	U - Unclassified	300.00
S-3930	William Thompson	10/18/65-10/17/85	Por. Kaohi, Hamakua	8-2-07:02 8-2-08:19	12.911	A - Pasture	75.00
S-3931	Thomas and Judy Hirata	10/18/65-10/17/85	Waiakea Hmstds., S. Hilo	2-4-06:13	65.550	A - Pasture	390.00
S-3932	Davies Hamakua Sugar Co.	10/18/65-10/17/85	Por. Kalopa Hmstds., Hamakua	4-4-03:25	.730	A - Intensive Ag.	30.00
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 - Unclassified (Elee.)	334.00

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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	\$ 540.00
S-3935	Roy S. & Martha S. Nagakura	10/18/65-10/17/2020	Waiakea Houselots, S. Hilo	2-2-37:66	.304	U - Commercial & Ind.	420.00
S-3938	Frank & Virginia Deluz, Jr.	11/08/65-11/07/85	Por. Kapuaiei Remainder, Hamakua	4-3-06:05 4-3-14:01	33.620	A - Pasture	685.00
S-3948	Davies Hamakua 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 - Intensive Ag. (Cane)	2,790.00
S-3949	Hawaiian Greenhouse, Inc.	12/20/65-12/19/2000	Keonepoko Homesteads, Pahoa	1-5-07:17	19.401	A - Intensive Ag.	639.10
S-3950	Kulana Foods, Ltd.	12/20/65-12/19/2000	Waiakea Homesteads, 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 - Intensive Ag.	485.00
S-3961	Melsan, Ltd. A/S/ Katsuyuki Yokoyama	4/15/66-4/14/2030	Por. Waiakea Peninsula, S. Hilo	2-1-03:05	5.000	U - Commercial & Ind.	32,670.00
S-3962	Eaton Magoon, Jr.	4/15/66-4/14/96	Haukula Homesteads, 2nd, S. Kona	8-7-05:03 & 05	14.190	A - Intensive Ag.	165.00
(D)S-3966	Transportation Department, U.S. Coast Guard	4/15/66-4/14/2031	Hoopulua, S. Kona	8-9-04:21	1.427	C - Unclassified	\$ 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 - Commercial & Ind.	2,184.00
S-4001	Jack Brysson 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	952.00
S-4002	Davies Hamakua Sugar Co.	8/16/66-12/31/2008	Parcel A, Pohakuhaku-Kamau Gov't. Rem.; Parcels B, C, D, E, & F, Opihilala-Kapuaiei Gov't. Rem.; Gov't Remainder Kamau II Makai Tract; Kaohi I; Lot 21-A, Pohakea Homesteads, Makai Section, Opihilala & Paauilo, Hamakua	4-3-04:04 4-3-05:01 4-3-06:01, 04, 08 10 & 12 4-3-07:02 4-3-08:02 4-3-11:04	220.892	A - Intensive Ag. (Cane)	3,080.00
S-4004	Christ Lutheran Church	8/16/66-8/15/2031	Por. Waiakea, S. Hilo	2-4-01:120	3.101	U - Unclassified (Elee.)	\$ 1,214.00
S-4005	John J. & Josephine Andrade	8/16/66-8/15/91	Ahualoa Reserve Remnants, Ahualoa Homesteads	4-5-11:06	13.496	A - Pasture	91.00
S-4018	First United Protestant Church of Hilo	10/06/66-10/05/2031	Piihonua, S. Hilo	2-3-27:16	3.572	U - Unclassified (Elee.)	1,396.00
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
(D)S-4029	County of Hawaii	4/13/67-4/12/2032	Kealakehe, N. Kona	7-4-08:17 por.	30.319	C - Unclassified	Gratis
S-4097	Pauley Petroleum, Inc.	3/31/67-3/30/2032	Por. Waiakea, S. Hilo	2-1-09:07 & 31	.130	U - Unclassified	267.00
S-4098	Yoshito Iwamoto	3/31/67-3/30/2032	Por. Waichinu Gov't. Remnants, Kau	9-5-02:40	.437	U - Unclassified (ROW)	\$ 10.00
S-4099	Richard Smart	3/31/67-3/30/2032	Across Por. Kamuela Airport	6-7-01:25 por.	.006	U - Unclassified (ROW)	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	U - Unclassified (Elee.)	150.00
S-4105	James H. & Mabel M. Davis	9/06/67-9/05/2032	Puukapu, Waimea	6-4-01:60	.005	A - Unclassified (ROW)	5.00

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S-4107	Davies Hamakua Sugar Co.	9/06/67-12/31/2008	Lauka-Kulihai, Hamakua	4-6-01:07, 08, & 18	78.460 35.810 3.710 117.980	A - Intensive Ag. (Cane) (Waste) (ROW)	1,020.00
S-4108	Davies Hamakua Sugar Co.	9/06/67-12/31/2008	Hanapai, Hamakua	4-7-04:09, 11	34.700 8.850 43.550	A - Intensive Ag. (Cane) (Waste)	451.10
S-4109	Davies Hamakua Sugar Co.	9/06/67-12/31/2008	Hamakua	4-6-02:01, 02, & 07	143.140 14.130 3.600 160.870	A - Intensive Ag. (Cane) (Waste) (ROW)	1,861.00
(D)S-4130	Hawaiian Telephone Co.	1/01/68-12/31/2023	N. Hilo	3-9-02:12	1.047	U - Commercial & Ind.	36.00
S-4138	Hale Nui Flowers, Inc.	1/12/68-1/11/2023	Waiakea, S. Hilo	2-4-49:25	10.008	A - Intensive Ag.	\$ 552.00
(D)S-4139	Honolulu Gas Co. Ltd.	4/14/67-4/13/97	Hilo	2-2-27:02	.230	U - Commercial & Ind.	510.00
S-4141	Mauna Loa Land, Inc.	2/23/68-2/22/93	S. Kohala	6-9-01:15	775.083	A - Intensive Ag.	10,000.00
(D)S-4191	University of Hawaii	1/01/68-12/31/2033	Kahe, Hamakua	4-4-15:09	13,321.054	C - Unclassified	Gratis
(D)S-4196	University of Hawaii	4/26/68-4/25/2033	S. Kohala	6-4-03:16, 97	196.414	A - Intensive Ag.	1.00 Full Term
S-4201	Great Hawaiian Financial Corporation	9/26/68-9/25/2023	Waiakea, S. Hilo	2-2-58:33	.474	U - Commercial & Ind.	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
S-4203	Richard Smart	1/01/68-12/31/2033	S. Kohala	6-3-01:por. 02, 04, 06	.150	C - Watershed (License)	720.00
S-4205	Flowers, Inc.	9/26/68-	Waiakea, S. Hilo	2-4-49:31	60.000	A - Intensive Ag.	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 - Unclassified (ROW)	\$ 240.00
S-4207	Hugo & Shirley Von Platen Luder	9/26/68-9/28/2021	N. Kona	7-5-09:64	.013	U - Unclassified (ROW)	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 - Intensive Ag.	576.00
S-4226	Joseph Chang, Sr.	2/07/69-2/06/89	Kokoiki, N. Kohala Kohala	5-5-04:51 & 52	4.934	A - Intensive Ag.	45.00
S-4227	Island Holidays, Ltd.	2/07/69-2/06/2034	Kahaluu, N. Kona	7-8-13:42	.128	U - Unclassified (ROW)	128.25
(D)S-4234	University of Hawaii	12/15/67-12/14/2032	Olaa, Puna	2-4-08:21	.014	C - Unclassified (ROW)	Gratis
(D)S-4235	University of Hawaii	4/11/69-4/10/2034	Humuula, N. Hilo	3-8-01:14	.057	C - Unclassified (ROW)	Gratis
S-4237	C. Brewer & Co., Ltd.	4/15/69-4/14/84	Kaalualu, Kiola-kaa, Kau	9-4-01:15 & 16	9.579	A - Intensive Ag.	11,100.00
S-4238	Yeishun & Akiko Gusukuma	6/12/69-6/11/89	Piha, N. Hilo	3-2-02:29	2.190	A - Intensive Ag.	180.00
S-4239	Palani Ranch Co., Inc.	4/15/69-	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	Ponoholo 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

METHOD OF DISPOSITION

D - Direct Award
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GENERAL LEASES

HAWAII

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4248	Margaret Cobey Black	7/11/69-7/10/99	Kokoiki, N. Kohala	5-5-05:19	.652	A - Unclassified (ROW)	60.00
S-4249	Bank of Hawaii	7/11/69-7/10/2034	Honuaula, N. Kona	7-5-07:por. 58	.047	U - Unclassified (ROW)	11.11
S-4251	Woodrow Miller	9/12/69-9/11/94	Puuanahulu Homesteads., N. Kona	7-1-05:05	8.199	A - Intensive Ag.	620.00
S-4252	Hilo Bay Hotel, Inc.	8/14/69-8/14/2015	Banyan Dr., Waiakea Peninsula, S. Hilo	2-1-05:45	.215	U - Commercial & Ind.	590.00
S-4253	Inter-Island Resorts, Ltd. & Finance Investment Co., Ltd.	8/14/69-3/14/2015	Banyan Dr., Waiakea Peninsula, S. Hilo	2-1-05:46	1.054	U - Commercial & Ind.	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 - Intensive Ag. (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 - Intensive Ag. (Cane)	\$ 2,150.00
S-4262	Kau Sugar Co., Inc. & C. Brewer Co., Ltd.	9/29/69-	Waiohinu, Kau	9-5-05:03	378.870	A - Intensive Ag. (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 - Intensive Ag. (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 - Unclassified (ROW)	2.67
S-4279	Anthuriums of Pahoa, Inc.	1/20/70-1/19/95	Por. Nanawale Forest Res., Kanihahiku, Puna	1-4-34:26	3.008	A - Intensive Ag.	160.00
S-4280	Kinji & Tsuneyo Uyeda	1/20/70-1/19/95	Por. Nanawale Forest Res., Kanihahiku, Puna	1-4-34:27	2.172	A - Intensive Ag.	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 - Intensive Ag. (Cane) (Contributory) (Waste)	27,104.00
S-4283	Kapalama Commercial Center	1/20/70-1/19/2010	Hilo Ind. Dev., Pohaku St., Section 1, Waiakea, S. Hilo	2-2-58:25	.439	U - Commercial & Ind.	\$ 1,600.00
S-4284	Kapalama Commercial Center	1/20/70-1/19/2025	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37:81	.826	U - Commercial & Ind.	4,860.00
S-4285	Davies Hamakua 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 - Intensive Ag. (Cane) (ROW) (Waste)	9,050.00
S-4286	Koshi Miyasaki, et al.	1/20/70-1/19/85	Keanakolu Orchard-Arboretum, Humuula, N. Hilo	3-7-01:09	39.308	A - Intensive Ag.	1,105.00
S-4287	Antone & Helen Texeira	1/20/70-1/19/2025	Easement-Pohakuhaku & Kemau, Hamakua	4-3-06:16	.330	A - Unclassified (ROW)	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 - Unclassified (ROW)	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., Waiakea, S. Hilo	2-2-58:35	1.435	U - Commercial & Ind.	\$ 8,000.00
S-4302	Yamada Transfer, Inc.	5/12/70-5/11/2025	Waiakea Houselots, & Gov't. Remnant, S. Hilo	2-2-37:89	4.823	U - Commercial & Ind.	16,985.00
S-4303	David DeLuz	6/11/70-6/10/2010	Waiakea Houselots, ext., Waiakea, S. Hilo	2-2-58:15	.608	U - Commercial & Ind.	6,100.00

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S-4306	Big Island Tobacco Corp.	6/30/70- 6/29/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:04	.331	U - Commercial & Ind.	1,125.00
S-4307	Triple K. Plumbing, Inc. & George Co., Inc.	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea S. Hilo	2-2-58:03	.278	U - Commercial & Ind.	980.00
S-4308	Hilo Sheet Metal, Inc.	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:02	.551	U - Commercial & Ind.	1,350.00
S-4309	The Investment Corporation	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:32	.459	U - Commercial & Ind.	1,620.00
S-4310	Alumside Products, Inc.	6/30/70- 6/29/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:31	.459	U - Commercial & Ind.	1,620.00
S-4311	Industrial Steel Corporation	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:27 & 28	.877	U - Commercial & Ind.	\$ 3,100.00
S-4312	R. Hirae Painting, Inc.	6/30/70- 6/29/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:26	.439	U - Commercial & Ind.	1,550.00
S-4313	H & S Construction, Corporation	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:24	.255	U - Commercial & Ind.	920.00
S-4314	H & S Construction, Corporation	6/23/70- 6/22/2010	Hilo Ind. Dev., Pohaku St., Waiakea, S. Hilo	2-2-58:23	.273	U - Commercial & Ind.	930.00
S-4315	Hawaii Planters, Inc.	6/23/70- 6/22/95	Kalapana-Kupahua, Puna	1-2-32:23	219.000	A - Intensive Ag.	400.00
S-4316	Mike Dietz Golf Shop, Inc. A/S Bayshore Realty Investment, Inc.	6/23/70- 6/22/2025	Waiakea Golf Course, S. Hilo	2-1-01:12	63.248	U - Commercial & Ind.	5,500.00
S-4317	Hisato & Tsuyako Ogata	6/30/70- 6/29/2025	Easement-Waiakea	2-4-33:18 por.	.045	U - Unclassified (ROW)	10.00
S-4319	Kinoole	2/01/71-	Por. Gov't. Land at Waiakea	2-4-25:01	1.025	U - Unclassified (Elee.)	1.00
(D)S-4320	Hawaiian Telephone Co.	1/01/70- 12/31/2035	Halai Hill, Hilo	2-3-22:por. 37	.321	U - Unclassified (ROW)	73.00
S-4323	C. Brewer & Co., Ltd.	11/10/70- 11/09/2035	Waiakea, S. Hilo	2-1-10:33	3.706	U - Commercial & Ind.	\$ 15,500.00
S-4330	Fortunato Garcia Teho et. al. A/S William Christian Fisher, II	4/16/71- 4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37:122	.416	U - Commercial & Ind.	2,808.00
S-4331	William Pritchard Jenkins	4/16/71- 4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea S. Hilo	2-2-37:144	.516	U - Commercial & Ind.	1,950.00
S-4332	William Pritchard Jenkins	4/16/71- 4/15/2026	Hilo Ind. Dev., Leilani St., Waiakea, S. Hilo	2-2-37:145	.548	U - Commercial & Ind.	1,950.00
S-4333	Hawaiian Fruit Flavors, Inc.	7/15/71- 7/14/2011	Waiakea Houselots, S. Hilo	2-2-37:56	.448	U - Commercial & Ind.	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 - Intensive Ag.	900.00
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 Building Partnership	12/27/71- 12/26/2026	Por. of Gov't. Land at Piiponua	2-3-27:25	2.052	U - Commercial & Ind.	4,088.90

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GENERAL LEASES

HAWAII

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(D)S-4351	University of Hawaii	3/10/72- 3/09/2037	Student Housing Site, Waiakea, S. Hilo	2-4-01:07	6.566	U - Residential	\$ Gratis
(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 - Unclassified (Elee.)	100.00
(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 - Intensive Ag.	1.00
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 - Commercial & Ind.	4,000.00
S-4364	TSI, Ltd.	8/17/72- 8/16/2027	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:17	12.683	A - Intensive Ag.	5,000.00
S-4366	Matsumoto Nursery, Inc.	8/17/72- 8/16/2027	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:06	10.008	A - Intensive Ag.	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 - Unclassified (ROW)	51.00
S-4379	David DeLuz	6/14/73- 6/13/2010	Waiakea Houselots ext., Waiakea, S. Hilo	2-2-58:36	.895	U - Commercial & Ind.	7,000.00
S-4380	Taizan & Chieko sugimoto	5/16/73- 5/15/98	Gov't. Remnant at Kanihiku, Puna	1-5-04:13	3.640	A - Intensive Ag. (Cane)	\$ 90.00
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 - Intensive Ag.	43,150.00
(D)S-4400	U.S. of America	4/10/74- 4/09/83	Tract 1, Hilo Breakwater Project, Waiakea, S. Hilo	2-1-09:12	2.600	U - Unclassified	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 - Intensive Ag. (Cane)	3,600.00
S-4415	Bryson T. Kuwahara	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:01	10.193	A - Intensive Ag.	285.00
S-4416	Joseph S. Dalrymple	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:02	10.000	A - Intensive Ag.	\$ 280.00
S-4417	Yamaguchi Enterprises, Inc.	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:03	10.000	A - Intensive Ag.	280.00
S-4418	Roy O. Sato	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:04	10.000	A - Intensive Ag.	280.00
S-4420	Ronald K. Iwata	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:06	10.000	A - Intensive Ag.	480.00
S-4422	Tsutomu Nakauchi	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:08	10.000	A - Intensive Ag.	280.00
S-4423	David R. Shiigi	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:09	10.000	A - Intensive Ag.	280.00
S-4424	Moses K. Makuakane	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:10	10.000	A - Intensive Ag.	280.00
S-4425	Akeshi Hashimoto	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:11	30.000	A - Intensive Ag.	840.00
S-4426	Kazumasa Ikeda	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:12	29.166	A - Intensive Ag.	\$ 817.00
S-4428	Oren J. Tsunozumi	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:14	20.000	A - Intensive Ag.	560.00
S-4429	Yukio Murayama	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:15	19.596	A - Intensive Ag.	549.00
S-4430	Shigenari Shimabukuro	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:16	15.325	A - Intensive Ag.	429.00
S-4431	James J. Kuwana	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:18	20.903	A - Intensive Ag.	785.00

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S-4432	Raymond K. Hayashi	2/01/75- 1/31/2030	Keonepoko Iki Farm Lot Subdv., Puna	1-5-116:19	16.839	A - Intensive Ag.	471.00
S-4438	Gasco, Inc.	11/01/73- 10/31/2038	Piihonua, S. Hilo	2-3-15:01 por.	.033	U - Unclassified (ROW)	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 - Commercial & Ind.	12,000.00
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 - Intensive Ag.	\$ 4,100.00
S-4446	H. Eunice Nursery, Inc.	9/04/75- 9/03/2010	Lot 18, Panaewa Farm Lots, 2nd Ser., Waiakea, S. Hilo	2-4-49:02	10.021	A - Intensive Ag.	1,200.00
S-4447	Larry T. & Yoshiko Kimura	9/04/75- 9/03/2010	Lot 23, Panaewa Farm Lots, 2nd Ser., Waiakea, S. Hilo	2-4-49:07	10.008	A - Intensive Ag.	3,100.00
S-4448	Polynesian Orchids, Inc.	9/04/75- 9/03/2010	Lot 22, Volcano Farm Lots, Olaa, Puna	1-9-01:18	29.880	A - Intensive Ag.	2,800.00
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 - Intensive Ag. (Res.)	1,100.00
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 - Intensive 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 - Intensive Ag. (Res.)	1,700.00
S-4456	Jules J. Jr. & Soontaree Gervais	9/04/75- 9/03/2030	Lot 28, Panaewa Farm Lots, 2nd Ser., Waiakea	2-4-49:12	6.784	A - Intensive Ag. (Res.)	1,050.00
S-4459	Lawrence Balberde, Jr.	9/04/75- 9/03/2030 Waiakea	Lot 21, Panaewa House Lots, 2nd Ser., Waiakea	2-2-56:18	2.615	A - Intensive Ag. (Res.)	1,000.00
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-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	742.497	A - Pasture	25,306.00
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	Houulu Ranch, Inc.	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, Panoluukia & Kapia, S. Kohala	6-2-01:03 & 05	2,978.000	A - Pasture	22,300.00

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S-4475	K. K. Ranch, Inc.	3/01/76- 2/28/2011	Land of Kalopa & Kahohe-3, Hamakua	4-4-14:02 & 03	7,282.000	A - Pasture	\$ 77,600.00
S-4476	Richard Smart	3/01/76- 2/28/2011	Land of Piipihonua, 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 Kahohe-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 Kahohe-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 - Unclassified (ROW)	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 - Unclassified (ROW)	11.83
S-4484	Donn W. Carlsmith	11/01/75- 4/30/2013	Waiakea & Piipihonua, S. Hilo	2-4-08:04 2-6-18:01	18.852	C - Unclassified (ROW)	10.00
S-4486	Catherine W. Lowrey	1/01/76- 12/31/2005	Lalamilo, S. Kohala	6-6-01:01 & 02	.082	A - Unclassified (ROW)	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 - Unclassified (Elee.)	1.00
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 - Intensive Ag. (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	Honua Hawaii 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. Penovaroff	2/10/77- 2/09/2032	Lalamilo Farm Lots, Waimea, S. Kohala	6-6-05:21	16.958	A - Intensive 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	35.818	A - Intensive Ag. (Res.)	3,350.00
(D)S-4552	County of Hawaii	11/01/75- 10/31/2040	Waiakea, S. Hilo	2-4-02:por. 1	1.080	U - Unclassified (ROW)	1.00
(D)S-4553	County of Hawaii	10/07/76- 10/06/2041	Waiakea, S. Hilo	2-2-31	.592	U - Unclassified (ROW)	650.00
S-4556	Island Tropicals	4/22/71- 4/21/2012	Kaumana, S. Hilo	2-5-03:21	26.072	A - Commercial & Ind.	3,200.00
S-4563	University of Hawaii	9/24/76- 9/23/2041	Waiakea, S. Hilo	2-4-01:7 & 41	20.000	A - Unclassified	Gratis
S-4565	County of Hawaii	12/08/77- 12/07/87	Keahuolu & Lanihau Nui, N. Kona	7-5-05:70, 71 78, por. 7	14.082	U - Unclassified	Gratis
S-4566	International Christian Schools, Hawaii-Youth with a Mission, Inc.-Hawaii	7/19/76- 7/18/2001	Holualoa, N. Kona	7-4-06:01	1.400	A - Unclassified	100.00
(D)S-4569	University of Hawaii	6/15/78- 6/14/2043	Waiakea, S. Hilo	2-4-01:07	13.434	U - Residential	Gratis
(D)S-4577	Mauna Ziona Congregational Church	6/15/78- 6/14/2013	Kalaea, N. Kona	7-3-04:05	1.440	A - Unclassified	100.00
(D)S-4594	University of Hawaii	7/18/79- 7/17/2044	Waiakea, S. Hilo	2-4-01:por. 07	36.088	U - Unclassified	\$ Gratis
S-4595	Thomas M. Okuna	1/27/79- 1/26/2004	Waiohinu, Kau	9-5-03:19 9-5-05:02	272.790	A - Pasture	2,100.00
S-4600	Dillingham Investment Corporation	12/29/78- 12/28/2043	Honomalino & Hoopuloa, S. Kona	8-9-01	26.040	A - Unclassified (ROW)	6,800.00 Full Term
(D)S-4601	Hilo Association to Help Retarded Citizens	12/15/78- 12/14/2053	Waiakea, S. Hilo	2-4-56:02 & 20	1.607	U - Unclassified (Elee.)	1.00
(D)S-4602	Research Corporation of the University of Hawaii	6/19/79- 6/18/1989	Kapoho, Puna	1-4-01:03	4.100	A - Unclassified	1.00 Full Term

METHOD OF DISPOSITION

D - Direct Award
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GENERAL LEASES

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(D)S-4604	Hilo Association to Help Retarded Citizens	7/01/79-6/30/2054	Lots 128, 129, 130 Kaumana Houselots, S. Hilo	2-5-04:02	.853	U - Residential	1.00
S-4609	University of Hawaii	1/1/80-12/31/2035	Waimea, S. Kohala	6-6-03:7	10.561	A - Unclassified	Gratis
S-4610	Big Island Housing Foundation	7/1/78-6/30/2053	Waiakea, S. Hilo	2-4-56:por. 19	7.159	U - Residential	1.00 per annum
S-4620	Masaji & Jane N. Kawazoe	5/1/80-4/30/2035	Keonepoko Iki Puna	1-5-116:7	10.000	A - Intensive Ag.	400.00
S-4621	Pahoehoe Tree Farm, Inc.	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:13	25.000	A - Intensive Ag.	\$ 1,000.00
S-4622	Bigrock Anthuriums, Inc.	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:17	15.000	A - Intensive Ag.	600.00
S-4623	Minoru & Itsue Okamoto	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:20	10.000	A - Intensive Ag.	400.00
S-4624	Yoshiaki & Marion Noguchi	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:21	10.000	A - Intensive Ag.	400.00
S-4625	Calvin K. & Cary Lynne Hayashi	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:22	10.000	A - Intensive Ag.	400.00
S-4626	Raymond H. & Jean Iwata	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:23	10.000	A - Intensive Ag.	400.00
S-4627	George & Thelma Kawaguchi	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:24	10.000	A - Intensive Ag.	400.00
S-4628	Akeshi Hashimoto	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:27	30.000	A - Intensive Ag.	1,200.00
S-4629	Mordecai H. Jr. & Michiko Hudson	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:26	21.276	A - Intensive Ag.	851.00
S-4630	Ryoichi & Reiko Okamoto	5/1/80-4/30/2035	Keonepoko Iki, Puna	1-5-116:25	16.501	A - Intensive Ag.	600.00
S-4632	TSI, Ltd.	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:por. 19	9.079	A - Intensive Ag.	3,700.00
S-4633	Jules J. Jr. & Soontaree Gervais	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:por. 19	23.277	A - Intensive Ag.	9,500.00
S-4634	Jules J. Jr. & Soontaree Gervais	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:20	10.243	A - Intensive Ag.	\$ 6,000.00
S-4635	Melchor V. & Avelina V. Ventura	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:21	10.243	A - Intensive Ag.	6,500.00
S-4636	Jean A. Higaki	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:22	10.243	A - Intensive Ag.	4,000.00
S-4637	Roy S. & H. Eunice Shigenaga	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:04	10.021	A - Intensive Ag.	3,400.00
S-4638	Big Island Plant & Foliage, Inc.	5/1/80-4/30/2015	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:09	10.021	A - Intensive Ag.	6,500.00
S-4639	Thomas Kasecky	5/1/80-4/30/2005	Kaapahu, Hamakua	4-4-11:33	5.400	A - Intensive Ag.	3,500.00
S-4640	Michael G. Mentnech & Charlene F. Lagrimas	5/1/80-4/30/2035	Panaewa Farm Lots, Waiakea, S. Hilo	2-4-49:23	10.243	A - Intensive Ag.	3,600.00
S-4641	Alfred N. & Naomi L. Montgomery	5/1/80-4/30/2005	Kaapahu Homesteads, Hamakua	4-4-13:11	20.500	A - Pasture	1,700.00
S-4642	Kenneth S. Funai	5/8/80-5/7/2035	Olaa, Puna	1-8-06:103	49.082	A - Intensive Ag.	2,500.00
S-4656	Pacific Educational Foundation, Inc. dba Hawaii Job Corps Center	4/1/81-3/31/91	Waiakea, S. Hilo	2-4-49:18	10.875	A - Unclassified	Gratis
S-4662	James Wo	8/28/80-8/27/2035	Waiakea, S. Hilo	2-1-12:25	1.420	U - Commercial & Ind.	29,200.00
S-4663	Yamada Transfer, Inc.	8/28/80-8/27/2035	Waiakea, S. Hilo	2-2-37:94 & 95	.918	U - Commercial & Ind.	27,000.00

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S-4664	James E. Miles Construction, Inc.	8/28/80-8/27/2035	Waiakea, S. Hilo	2-2-37:97	.391	U - Commercial & Ind.	\$ 8,600.00
S-4665	H. Harada Contractor, Inc.	8/28/80-8/27/2035	Waiakea, S. Hilo	2-2-37:98	1.019	U - Commercial & Ind.	22,500.00
S-4666	Lesley J. Murakami	10/27/80-10/26/2035	Waiakea, S. Hilo	2-2-58:17	.895	U - Commercial & Ind.	20,000.00
S-4667	HIW-Hawaii, Inc.	8/28/80-8/27/2035	Waiakea, S. Hilo	2-2-58:12 & 13	.601	U - Commercial & Ind.	18,100.00
S-4668	Yasuo Kuwaye	8/28/80-8/27/2035	Waiakea, S. Hilo	2-2-58:39	.601	U - Commercial & Ind.	13,300.00
S-4670	Jas. W. Glover, Ltd.	2/11/81-2/10/2001	Waiakea, S. Hilo	2-1-12:04	74.314	U - Commercial & Ind.	125,000.00
S-4671	Pacific Nurseries, Inc.	9/19/80-9/18/2035	Keonepoko Nui, Puna	1-5-07:57 & 1-5-10:por. 13	100.000	A - Intensive Ag.	37,000.00
S-4673	U.S. of America Dept. of Transportation Federal Aviation Adm.	12/1/80-11/30/2045	Huinaula, N. Hilo	3-8-01:por. 1	.435	C - Unclassified	Gratis
S-4679	Mana Ranch Co., Ltd.	3/13/81-3/12/2036	Puukapu, Waimea, S. Kohala	6-4-05	2.513	A - Unclassified (Roadway)	1.00 Full Term
S-4680	Eugene & Carol Gall	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:01	7.279	A - Intensive Ag.	510.00
S-4681	Soyei Arakaki	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:02	4.551	A - Intensive Ag.	320.00
S-4682	Kazumi Shigezawa	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:03	5.007	A - Intensive Ag.	\$ 350.00
S-4683	Sarge Kobayashi	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:04	5.005	A - Intensive Ag.	350.00
S-4684	Alika & Alma Cooper	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:05	6.023	A - Intensive Ag.	420.00
S-4685	Frederick S. & Nancy K. Nonaka	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:06	5.183	A - Intensive Ag.	360.00
S-4686	R. Kelly Greenwell	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:07	5.047	A - Intensive Ag.	355.00
S-4687	Yoshio & Marjorie Watanabe	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:08	4.758	A - Intensive Ag.	335.00
S-4688	Exotics Hawaii-Kona, Inc.	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:09	8.164	A - Intensive Ag.	570.00
S-4689	Monico Castillo	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:10	5.061	A - Intensive Ag.	355.00
S-4690	Shoji & Yoshie Kawahara	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:11	4.758	A - Intensive Ag.	335.00
S-4691	Richard W. & Patricia M. Clark	1/1/81-12/31/2035	Keahole Ag. Park, N. Kona	7-3-49:12	5.047	A - Intensive Ag.	355.00
S-4696	Hilo Association to Help Retarded Citizens	7/1/79-6/30/2054	Kaumana, S. Hilo	2-5-04	.456	U - Unclassified (Roadway)	1.00 Full Term
S-4698	Kinooie Baptist Church	6/1/80-5/31/2035	Pahoa Village Lots, Keonepoko Iki, Puna	1-5-117:24 & 25	.689	U - Unclassified (Church)	\$ 1,822.00
(D)S-4725	Easter Seal Society of Hawaii	7/1/81-6/30/2046	Piihonua, S. Hilo	2-3-15:por. 1	1.000	U - Crippled Children Center	1.00
(D)S-4726	Hawaii County Economic Opportunity Council	5/1/81-4/30/2001	Ponahawai, S. Hilo	2-5-06:11	59.143	A - Agric. Training Purposes	1.00
S-4748	Guy Ha	1/1/82-12/31/2036	Lot 1, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:27	10.033	A - Intensive Ag.	1,205.00
S-4749	Clarence Kim	1/1/82-12/31/2036	Lot 2, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:28	10.191	A - Intensive Ag.	1,225.00
S-4750	Richard M.C. & Ayame Kim	1/1/82-12/31/2036	Lot 3, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:29	10.052	A - Intensive Ag.	1,205.00

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S-4751	Chiyoki & Aileen M. Tanaka	1/1/82-12/31/2036	Lot 4, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:30	10.112	A - Intensive Ag.	1,215.00
S-4752	Alika & Alma Cooper	1/1/82-12/31/2036	Lot 5, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:31	10.032	A - Intensive Ag.	1,205.00
S-4753	Philip J. & Carole K. Ito	1/1/82-12/31/2036	Lot 6, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:32	10.212	A - Intensive Ag.	1,225.00
S-4754	Harris S. & Elizabeth L. Asahara	1/1/82-12/31/2036	Lot 7, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:33	10.170	A - Intensive Ag.	1,220.00
S-4755	George T. Nishimura	1/1/82-12/31/2036	Lot 8, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:34	10.083	A - Intensive Ag.	1,210.00
S-4756	Edward L. & Pualani O.M. Kanahele	1/1/82-12/31/2036	Lot 9, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:35	10.021	A - Intensive Ag.	1,205.00
S-4757	Raymond H. & June M. Savella	1/1/82-12/31/2036	Lot 10, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:36	10.042	A - Intensive Ag.	\$ 1,205.00
S-4758	Sumio & Kiyoko Janet Masumoto	1/1/82-12/31/2036	Lot 11, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:37	20.065	A - Intensive Ag.	2,005.00
S-4759	Masao & Evelyn Y. Nakamura	1/1/82-12/31/2036	Lot 12, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:38	20.016	A - Intensive Ag.	2,000.00
S-4760	Donald S. & Helen E. Shintaku	1/1/82-12/31/2036	Lot 13, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:39	18.698	A - Intensive Ag.	1,870.00
S-4761	Katsuki & Jane K. Kubo	1/1/82-12/31/2036	Lot 14, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:40	20.099	A - Intensive Ag.	2,010.00
S-4762	Martin J. & Rita C. Branco	1/1/82-12/31/2036	Lot 15, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:41	20.650	A - Intensive Ag.	2,065.00
S-4763	Charles J.M. Willocks	1/1/82-12/31/2036	Lot 16, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:42	20.025	A - Intensive Ag.	2,000.00
S-4764	Young Dai & Sook Ja Kim	1/1/82-12/31/2036	Lot 17, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:43	10.003	A - Intensive Ag.	1,200.00
S-4765	Jules J. & Soontaree Gervais	1/1/82-12/31/2036	Lot 18, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:44	10.087	A - Intensive Ag.	1,210.00
S-4766	Daniel L. & Velva Mae Lappala	1/1/82-12/31/2036	Lot 19, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:45	10.030	A - Intensive Ag.	1,205.00
S-4767	James & Julie A. Farrell	1/1/82-12/31/2036	Lot 20, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:46	10.146	A - Intensive Ag.	1,220.00
S-4768	Richard M. & Ruth H. Matsuura	1/1/82-12/31/2036	Lot 21, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:47	10.011	A - Intensive Ag.	1,200.00
S-4769	Roy S. & H. Eunice Shigenaga	1/1/82-12/31/2036	Lot 22, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:48	10.070	A - Intensive Ag.	\$ 1,210.00
S-4770	Yoshiyuki & Sandra T. Ota	1/1/82-12/31/2036	Lot 23, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:49	10.024	A - Intensive Ag.	1,205.00
S-4771	Calvin F. & Doreen T. Nogami	1/1/82-12/31/2036	Lot 24, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:50	10.059	A - Intensive Ag.	1,205.00
S-4772	Shigeji & Mieko M. Kawasaki	1/1/82-12/31/2036	Lot 25, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:51	10.011	A - Intensive Ag.	1,200.00
S-4773	Kiyoshi & Lily M. Inada	1/1/82-12/31/2036	Lot 26, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:52	10.010	A - Intensive Ag.	1,200.00
S-4774	Thomas Y. & Sharon S. Kadota	1/1/82-12/31/2036	Lot 27, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:53	10.203	A - Intensive Ag.	1,225.00
S-4775	Henry M. & Loraine Y. Terada	1/1/82-12/31/2036	Lot 28, Panaewa Ag Park, Waiakea, S. Hilo	2-2-56:54	10.119	A - Intensive Ag.	1,215.00
S-4786	Hilo Trading Co., Ltd.	3/23/82-3/22/2037	Waiakea, S. Hilo	2-1-03:por. 8	1.010	U - Restaurant	16,000.00
S-4787	Alan Curry	3/23/82-3/22/2017	Kau & Nukakaia, Kau	9-4-05:16	30.649	A - Pasture	900.00
S-4788	Illinois U. Hernandez	3/23/82-3/22/2037	Lot 18, Papa Hmstds., Papa 1st, S. Kona	8-8-04:18	7.150	A - Intensive Ag. (Res.)	4,800.00

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S-4789	Llewellyn L. Biven & Francine D. Sapla	3/23/82-3/22/2017	Lot 11, Papa Hmstds., Papa 1st, S. Kona	8-8-04:11	7.21	A - Intensive Ag.	3,325.00
S-4790	Fred Soriano	3/23/82-3/22/2017	Lot 10, Papa Hmstds., Papa 1st, S. Kona	8-8-04:10	7.85	A - Intensive Ag.	3,320.00
S-4791	Raymond H. Nicola, Jr.	5/1/82-4/30/2037	Lot 1, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:28	5.002	A - Intensive Ag.	\$ 350.00
S-4792	Michael Y.W. Au	5/1/82-4/30/2037	Lot 2, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:29	5.002	A - Intensive Ag.	350.00
S-4793	Francis C.K. & Cresencia A. Mau	5/1/82-4/30/2037	Lot 3, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:30	5.002	A - Intensive Ag.	350.00
S-4794	Clifford N. Kaminaka	5/1/82-4/30/2037	Lot 4, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:31	5.000	A - Intensive Ag.	350.00
S-4795	Oliver K. & Maizie K. Roberts	5/1/82-4/30/2037	Lot 5, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:32	5.000	A - Intensive Ag.	350.00
S-4796	Kenneth M. Delimont, Jr.	5/1/82-4/30/2037	Lot 6, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:33	5.002	A - Intensive Ag.	350.00
S-4797	Sotero G. & Honorata M. Ganir	5/1/82-4/30/2037	Lot 7, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:34	5.002	A - Intensive Ag.	350.00
S-4798	Gary Y. & Thelma O. Sumi	5/1/82-4/30/2037	Lot 8, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:35	5.002	A - Intensive Ag.	350.00
S-4799	Perfecto & Sarah Aniban	5/1/82-4/30/2037	Lot 9, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:36	5.002	A - Intensive Ag.	350.00
S-4800	Curtis K. Kohashi	5/1/82-4/30/2037	Lot 19, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:46	5.009	A - Intensive Ag.	\$ 350.00
S-4801	Albert G. & Florence S. Nishimura	5/1/82-4/30/2037	Lot 10, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:37	5.000	A - Intensive Ag.	350.00
S-4802	Curtis T. Nishioka	5/1/82-4/30/2037	Lot 11, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:38	5.000	A - Intensive Ag.	350.00
S-4803	Richard T. Iwasaki	5/1/82-4/30/2037	Lot 12, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:39	5.002	A - Intensive Ag.	350.00
S-4804	Gilbert H. & Mariko Uyeda	5/1/82-4/30/2037	Lot 13, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:40	5.002	A - Intensive Ag.	350.00
S-4805	Wade M. Okamoto	5/1/82-4/30/2037	Lot 14, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:41	5.002	A - Intensive Ag.	350.00
S-4806	Eugene & Gloria G. Kaluna	5/1/82-4/30/2037	Lot 15, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:42	5.266	A - Intensive Ag.	370.00
S-4807	Eric H. Kama	5/1/82-4/30/2037	Lot 16, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:43	5.335	A - Intensive Ag.	375.00
S-4808	Monico & Raymonda E. Lombe	5/1/82-4/30/82	Lot 17, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:44	5.511	A - Intensive Ag.	385.00
S-4809	J. Conrad & Evelyn M. Lewis	5/1/82-4/30/2037	Lot 18, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:45	5.842	A - Intensive Ag.	\$ 410.00
S-4810	Neal T. Okimoto	5/1/82-4/30/2037	Lot 20, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:47	5.200	A - Intensive Ag.	365.00
S-4811	Leonard P. Paresa, Jr.	5/1/82-4/30/2037	Lot 21, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:48	5.656	A - Intensive Ag.	395.00

METHOD OF DISPOSITION

D - Direct Award
All others by public auction

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(U) - Urban

GENERAL LEASES

HAWAII

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4812	Warren W.K. & Alice G.	5/1/82-4/30/2037	Lot 22, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:49	5.212	A - Intensive Ag.	365.00
S-4813	Lance T. Kuwahara	5/1/82-4/30/2037	Lot 23, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:50	5.000	A - Intensive Ag.	350.00
S-4814	Lynne E. Shiigi	5/1/82-4/30/2037	Lot 24, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:51	5.000	A - Intensive Ag.	350.00
S-4815	James S. Kuwahara	5/1/82-4/30/2037	Lot 25, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:52	5.026	A - Intensive Ag.	350.00
S-4816	Richard W. & Sandra L. Whiting	5/1/82-4/30/2037	Lot 26, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:53	6.132	A - Intensive Ag.	430.00
S-4817	Yoso & Kikuko Kuwahara	5/1/82-4/30/2037	Lot 27, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:54	6.392	A - Intensive Ag.	445.00
S-4818	Michael J. & Patricia A. McCluey	5/1/82-4/30/2037	Lot 28, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:55	6.210	A - Intensive Ag.	\$ 435.00
S-4819	Teruo & Natsuyo Obayashi	5/1/82-4/30/2037	Lot 29, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:56	6.046	A - Intensive Ag.	425.00
S-4820	Glenn J. Morrison	5/1/82-4/30/2037	Lot 30, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:57	5.064	A - Intensive Ag.	355.00
S-4821	Wajira Wansa	5/1/82-4/30/2037	Lot 31, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:58	5.017	A - Intensive Ag.	350.00
S-4822	Steven L. Oleson	5/1/82-4/30/2037	Lot 32, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:59	5.005	A - Intensive Ag.	350.00
S-4823	Russell I. Kuwahara	5/1/82-4/30/2037	Lot 33, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:60	5.770	A - Intensive Ag.	405.00
S-4824	Kenneth M. Kudo	5/1/82-4/30/2037	Lot 5, Pahoa Ag Park, Phase II, Keonepoko Iki, Puna	1-5-116:05	10.000	A - Intensive Ag.	700.00
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 - Unclassified (ROW)	11.00
S-5001	K. Kobata & Sons	3/31/67-	Waiakea, S. Hilo	2-2-32:10	.988	U - Commercial & Ind.	4,262.00
S-5003	Thomas & Judy Hirata	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 - Intensive Ag.	46.00
S-5005	Dorothy May Saxby	3/31/67-3/30/2002	Keonepoko-Nui, Puna	1-5-08:05	5.000	A - Intensive Ag.	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 - Commercial & Ind.	485.00
S-5017	Mary K. Phillips	5/19/67-5/18/2032	por. Lalamilo, Waimea, S. Kohala	6-6-04:76	.033	U - Unclassified (ROW)	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 - Commercial & Ind.	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 - Watershed	8,000.00
S-5020	Richard Smart	5/19/67-5/18/92	Awa-lua-Haena Gov't. Tract, N. Kohala	5-6-01:01	185.550 8.800 14.480 22.250 231.080	A - Intensive Ag. (Cane) (ROW) (Waste) (Pasture)	1,856.00 67.00 1,923.00

SUMMARY OF GENERAL LEASES

SECOND LAND DISTRICT - ISLAND OF MAUI
Fiscal Year 1981-82

Use	Area (Acres)	Annual Rental	No. of Leases
Intensive agriculture use	7,571.170	\$259,734.99	30
Special livestock use	.000	0.00	0
pasture use	12,244.415	44,219.00	33
commercial timber use	.000	0.00	0
quarry use	.000	0.00	0
mining use	55.882	210.00	3
recreational use	1.270	10.00	1
watershed use	111.667	65,595.00	4
residential use	6.800	1,740.00	3
commercial and industrial use	121.072	45,280.50	8
hotel, apartment and motel use	.000	0.00	0
resort use	.000	0.00	0
unclassified uses	74.743	13,246.49	27
Totals	20,187.019	\$430,035.98	109

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D - Direct Award
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GENERAL LEASES

MAUI

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
L-3578	East Maui Irrigation Co., Ltd.	7/01/60-6/30/81	Huelo License, Honopou, Hamakualoa 12 & 17	1-1-01:50; 2-9-14:01, 05, 11,	30.508	C - Watershed (Water License)	\$ 50,010.00
S-3588	Pioneer Mill Co., Ltd.	1/01/60-12/31/89	Honokowai, Lahaina	4-4-01:15, 19 4-4-02:03, 08, 11, 15, 18 & 20 4-4-04:02 & 06	734.396 42.542 174.011 95.196 9.660 7.864 <u>1,063.669</u>	A - Intensive Ag (Cane) Contributory Pasture Waste New Highway Other Use	20,740.98
S-3637	John Francis Mills	4/14/61-4/13/91	Kawaipapa, inc. Loko Waiononu, Hana	1-3-07:25	.600	R - Residential	400.00
S-3681	Maui Land & Pineapple Co., Ltd.	1/12/62-1/11/82*	Por. Napili 4 & 5, Honoapiilani Hwy., Lahaina	4-3-01:03, 05, 06, 07 & 08	234.910	A - Intensive Ag. (Pine) Pasture	3,505.18
S-3682	Haleakala Ranch Co.	1/12/62-1/11/82*	Haleakala Tract, Makawao, Hamakuapoko	2-4-15:20 2-4-16:01	150.700	A - Pasture	1,650.00
S-3683	Frank Quelho, 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*	Kahakuloa Hmstds., Kahakuloa, Wailuku	3-1-01:29	47.680	A - Recreational	\$ 60.00
L-3695	East Maui Irrigation Co., Ltd.	7/01/62-6/30/86	Honomanu Water License, Koolau	1-1-01:44	3.159	C - Watershed (Water License)	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 & Kaunuaahano, Kaloi Tract, inc. Lots 1-17, Kanaio Hmstds., Honuaula	2-1-02:01 2-1-03:50	8,370.000 & C	A - Pasture	5,000.00
S-3717	West Maui AJA Veterans Club	11/05/62-11/04/87	Wahikuli Houselots, Lahaina	4-5-14:51	.460	U - Recreational	400.00
(D)S-3741	U.S.A., Federal Aviation Agency	7/01/64-6/30/84	Kealalalaoa, Ukumehame	3-6-01:08	1.204	C - Unclassified (Fed.)	Gratis

*Holdover until 1/11/83

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MAUI

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(D)S-3749	U.S.A. Corps of Engineers (Army)	4/19/63-4/18/2028	Papaanui, Makawao (Honuaula)	2-2-07:11	4.450	C - Unclassified (Fed.)	\$ 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 Makawao	Parcels C, D & E, Puolua, Hamakualoa, and 24	2-9-06:06 2-9-08:13, 17, 18	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, and 29	48.100 & C	A - Pasture	150.00
S-3835	Pioneer Mill Co., Ltd.	6/02/64-6/01/84	Honokowai, Kaanapali, Waihiuli, Lahaina-luna, Lahaina	4-4-02:12, 13 & 14; 4-4-05:35 4-4-07:10 4-5-21:05 4-6-18:11	4.620 .260 .960 6.560 4.900 17.300	A - Unclassified (Transmission of domestic & irrigation water only)	2,206.00
S-3857	Leslie W. & Coila I. Eade	8/17/64-8/16/99	Between 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 - Intensive Ag.	Gratis
S-3920	Joseph Young	7/20/65-7/19/85	Lots 12-A, 13-A, 26-A, 32, 32-A & Parcel 54, Wailua Hmstds., Hana	1-1-05:17, 25, 45 & 54	5.930	A - Intensive Ag.	\$ 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 - Intensive Ag.	80.00
S-3947	George W. Murphy dba Puuhoku Ranch	6/01/66-5/31/86	Por. Honouliwai, Makai of Molokai Forest Reserve	5-8-03:12 5-8-15:09	576.120	A - Pasture	2,300.00
S-3964	Joseph K. & Christy D. Daniels	6/01/66-5/31/86	Waiohono-Kakio Hana	1-4-11:04	35.850	A - Pasture	100.00
S-3965	Samuel Kaauamo	6/01/66-5/31/86	Wailua Hmstds., Hana	1-1-05:52	2.630	A - Intensive Ag.	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 - Intensive Ag (Cane) (Contributory) Waste	1,872.50
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 - Intensive Ag. (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	60.00
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	Hana Tropical Fruit Plantation, Inc.	10/17/66-10/16/2001	Por. Kawaipapa & Waiuku, Hana	1-3-04:06 & 20	421.170	A - Intensive Ag.	700.00
(D)S-4028	Hawaiian Telephone Co.	7/01/66-6/30/2031	Papaanui, Makawao (Honuaula)	2-2-07:12	.262	C - Commercial & Ind.	300.00
S-4112	Seaside Developers	9/25/67-9/24/2032	Kamaole, Wailuku	3-9-04:Por. 01 & 61	.400	U - Unclassified (ROW)	150.00
S-4189	Hana Ranch Co., Ltd.	3/07/68-3/06/88	Hamoia, Hana	1-4-07:07	1.000	A - Pasture	45.00
S-4190	Joseph Young	3/07/68-3/06/88	Wailua, Hana (Koolau)	1-1-06:70	2.760	A - Intensive Ag.	82.50
S-4192	Robert Puu	4/22/68-4/21/88	Wailua Hmstds., Wailua	1-1-04:06 & 08	2.180	A - Intensive Ag.	98.00

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MAUI

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S-4195	Joseph B. & Jeanette Di Meo	4/22/68-4/21/2033	Kamaole (Kula)	3-9-05:46	.217	U - Commercial & Ind.	\$ 710.00
S-4197	Alexander & Baldwin, Inc.	7/01/68-6/30/2003	Pulehunui & Waikapu, Wailuku	3-8-08:01 & 08	1,207.618 296.415 371.243 1,875.276	A - Intensive Ag (Cane) Contributory Waste	84,600.00
S-4209	Bishop Trust Company	10/03/68-10/02/2023 (Koolau)	Keanae Hmstds., Keanae, Hana	1-1-03:70	1.100	A - Intensive Ag. & C - Residential	1,070.00
S-4210	Herbert Aronson	10/03/68-10/02/2023	Keanae, Hana (Koolau)	1-1-03:59	.970	A - Intensive Ag. Residential	350.00
S-4211	Stephen & Gerald Ferreira	9/12/68-9/11/88 Kula	Water Hole Res., Waiakoa Hmstds., Kula	2-2-15:16	16.550	A - Pasture	125.00
S-4212	John C. Fagan & Walter C. Witte (Irving Louis London, et al)	9/04/68-9/03/2033	Kamaole, Wailuku	3-9-04:29	1.119	U - Commercial & Ind.	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	1,089.560 138.590 228.283 335.810 1,792.243	A - Intensive Ag (Cane) Contributory Waste Pasture	89,000.00
S-4230	Charles S. Ota	2/25/69-2/24/89	Honomanu, Hana	1-1-01:52	67.000	A - Pasture & C	\$ 200.00
S-4231	Paul T. & Bernice H. Otani	2/25/69-2/24/94	Omaopio, Kula	2-3-03:06	13.140	A - Intensive Ag.	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	60.00
S-4233	Hansel Ah Koi	2/25/69-2/24/89	Keanae & Pahoa, Hana	1-1-08:08	148.700	A - Pasture	475.00
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	Security Pacific Mortgage Corp.	11/08/69-11/07/2034	Submerged Lands fronting Ahupuaas, Puuhala & Kaamola, Molokai	5-6-05:35	108.137	C - Commercial & Ind.	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 - Unclassified (Elee.)	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 - Intensive Ag. Residential	300.00
S-4273	Amfac, Inc.	11/24/69-11/23/2034	Offshore Waters of Hanakao, Lahaina	4-4-06	.130	C - Unclassified (ROW)	\$ 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	Hama, 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 - Intensive Ag.	2,400.00
S-4345	Abraham Akiona	7/22/71-7/21/91	Wailua Hmstds., Hana (Koolau)	1-1-05:22	.770	A - Intensive ag.	35.00
S-4346	Winston H. Jensen & Richard L. Lee	8/20/71-8/19/91	Makawao (Hamakualoa)	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 - Intensive Ag.	30.00
S-4349	Joseph J. Day	7/22/71-7/21/91	Wailua Hmstds., Hana (Koolau)	1-1-06:38	.850	A - Intensive Ag.	35.00

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MAUI

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S-4350	William H.D. & Anna M. King	7/22/71-7/21/2026	Ualapue, Kona, Molokai	5-6-02:01	2.100	U - Intensive Ag. Residential	1,400.00
(D)S-4372	U.S. Dept. of Agriculture, Soil Conservation Service	1/01/73-12/31/98	Par. A-1, Molokai Farm Lots, Palaau-Apana 2	5-2-01:07	81.181	A - Intensive Ag.	\$ 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 - Unclassified (ROW)	4.96
S-4374	Virginia & Mark Stephen Cundiff	4/12/73-4/11/2028	Honokala, Hamakualoa, Makawao	2-9-05:por. 20	.064	A - Unclassified (ROW)	0.31
S-4375	Assn. 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 - Unclassified (ROW)	5.08
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	Palaau & Hoolehua, Molokai	5-2-01:02 5-2-04:16	772.242	A - Intensive Ag.	Gratis
	(Sublessees)						
	Hikiola Cooperative, Inc.	5/01/77-4/30/2007	Palaau & Hoolehua, Molokai	5-2-04:16	(20.604)	A - Intensive Ag. (Farmer's Co-Operative)	1,030.20
	Hawaiian Research, Ltd.	10/01/77-10/01/2007	Palaau & Hoolehua, Molokai	5-2-01:12 & 14	(66.160)	A - Intensive Ag.	3,969.60
	Hawaii Tropical Plants, Ltd., Partnership	11/01/77-10/31/2007	Palaau & Hoolehua, Molokai	5-2-01:18 & 19	(79.104)	A - Intensive Ag.	4,726.24
	Hawaiian Research, Ltd.	9/13/79-6/13/2009	Palaau & Hoolehua, Molokai	5-2-01:11 & 15	(51.194)	A - Intensive Ag.	3,071.64
	William Pheil	2/01/80-6/13/2009	Palaau & Hoolehua, Molokai	5-2-01:10	(23.701)	A - Intensive Ag.	1,422.06
	Lokahi Pacific	2/25/80-6/13/2009	Palaau & Hoolehua, Molokai	5-2-01:20 & 27	(60.671)	A - Intensive Ag.	\$ 2,426.84
S-4437	U.S. Postal Service	10/01/76-9/30/2031	Kealahou 3 & 4, Makawao (Kula)	2-3-02:01	.989	A - Commercial & Ind. (P.O.)	720.00
S-4439	Maui Kamaole Enterprises I	6/24/75-6/23/2030	Kamaole, Wailuku (Kula)	3-9-04:por. 61	.103	U - Unclassified (ROW)	39.55
S-4440	Robert J. Rauenhorst, et al. dba Tahitian Apts.	6/24/75-6/23/2030	Kamaole, Wailuku (Kula)	3-9-04:por. 61	.289	U - Unclassified (ROW)	110.07
S-4441	Maui Kamaole Enterprises II	6/24/75-6/23/2030	Kamaole, Kihei	3-9-04:por. 61	.087	U - Unclassified (ROW)	52.50
S-4442	Assn. of Owners of Kihei Surfside	6/24/75-6/23/2032	Easement 1, 2 & 3, Kamaole, Wailuku (Kula)	3-9-04:por. 01 & 61	.408	U - Unclassified (ROW)	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 - Commercial & Ind.	0.50
S-4518	County of Maui, Dept. of Water Supply	9/26/75-9/25/95	Por. Kahului Airport, Kahului	3-8-01:75	2.922	U - Unclassified	Gratis
S-4519	Sylvia Senter	7/08/76-7/07/2031	Former Kaupakulua School Lot, West Kaupakulua, Makawao (Hamakualoa)	2-7-15:26	1.905	A - Intensive Ag. 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 - Intensive Ag.	600.00

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MAUI

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S-4521	William F. Butzine & Avery G. Dresden	9/01/76-8/31/2001	Lot 29-0, Nahiku Hmstds., Nahiku, Hana	1-2-02:01	7.200	A - Intensive Ag.	\$ 725.00
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 - Intensive Ag. (Cane) Waste	492.00
S-4524	Hazel Oliveira & Louis J. Abreu dba H & E Ranch	9/01/76-8/31/2001	Kaiaipapa & Waiuku, Hana	1-3-06:07	421.000	A - Pasture & C	1,200.00
S-4529	Kipahulu Investment Co.	9/01/76-8/31/2001	Gov't Land of Kipahulu, Hana	1-6-05:21, 22 & 27; 1-6-08:02 & 04	73.593	A - Pasture	1,675.00
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-4535	Murray Hunter & Klaus Orleans	9/01/76-8/31/2001	Hamakualoa, Makawao	2-9-13:14	79.100	A - Pasture	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-4538	Railroads of Hawaii dba Lahaina Kaaupali & Pacific Railroad Co.	7/08/76-7/07/2016	Parcels 1, 2, 3 & 5, Kapunakea 1 & Waiuku, Lahaina	4-5-14:77 4-5-21:11 4-5-17:49 4-5-30:138	4.212	U - Unclassified (ROW)	1,390.00
S-4540	County of Maui, Dept. of Water Supply	3/10/78-3/09/2043	Kaliialinu, Makawao (Kula)	2-3-06:06	14.150	A - Unclassified (Reservoir & Accessory)	Gratis
S-4544	The Episcopal Church in Hawaii	5/24/74-5/23/2039	Waiohuli, Wailuku (Kula)	3-9-01:12	3.000	U - Unclassified (Elee.)	180.00
S-4550	Mary E. Harris	3/20/77-3/19/2002	East Honomalee, Kawela & 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 - Commercial & Ind.	12,600.00
S-4562	Robert Daniel & Patricia M. Omer	7/01/77-6/30/2042	Waiuku, Hana	1-3-04:06, 11 & 20	.805	A - Unclassified (ROW)	19.54
S-4567	Honofed Corp.	1/02/74-1/01/2029	Kahului	3-7-02:por. 04 & 22	.292	U - Unclassified (Water & Sewer Lines)	53.33
S-4568	Parker Purdy	9/15/77-9/14/2012	Waikuu, Hana	1-3-04:11, 12 & 17	743.650	A - Intensive Ag.	30,200.00
S-4570	Haleakala School	11/07/77-10/31/2042	Kealahou, Kula	2-3-37:11	2.399	R - Unclassified (Elee.)	\$ 100.00
S-4583	Amfac, Inc.	3/28/78-3/27/98	Honokowai Valley, Lahaina	4-4-07:05 por.	4.267	A - Unclassified (ROW)	141.00
S-4593	Gregory P. & Masako Westcott	10/01/78-9/30/2043	Mokupapa, Hamakualoa, Makawao	2-9-06:21 & 25 2-9-14:11	.541	A - Unclassified & C (ROW)	6.56
S-4599	U.S. Postal Service	3/23/79-3/22/2034	Honoapiilani Hwy. (East Side), Waiuku, Lahaina	4-5-21:14	2.813	U - Commercial & Ind. (P.O.)	15,750.00
S-4613	Susumu Jinnai & Rose Fumiko Jinnai & Alexander Isamu Egusa & Jean Machida Egusa	11/28/75-11/27/2030	Honouliuli, Molokai	5-8-03:6 & 12	.155	A - Unclassified (ROW)	87.00 Full Term

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GENERAL LEASES

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S-4660	Aina O Kipahulu Assn.	10/30/79- 10/29/2044	Kaunakani & Puaaluu, Kipahulu, Hana	1-5-11:por. 7 1-6-02:por. 9	39.000	A - Watershed & C (Water License)	32.00
S-4661	Hana Ranch, Inc.	10/30/79- 10/29/2044	Kaunakani & Puaaluu, Kipahulu, Hana	1-5-11:por. 7 1-6-02:por. 9	39.000	A - Watershed & C (Water License)	43.00
S-4727	County of Maui	3/27/81- 3/26/2046	Waiokama, Lahaina	4-6-07:01	2.008	U - Unclassified (Multi-Use Community Facility)	Gratis
S-4828	Maui Young Men's Christian Assoc.	11/24/81-	Portion of Gov't Crown Land of Keanae, Koolau	1-1-02:08	1.270	A - Recreational	10.00
S-5008	Pioneer Mill Co., Ltd.	5/23/67- 5/22/87	Lahainaluna School Lands, Lahaina	4-6-18:13 & 17	25.924 6.759 9.400 42.083	U - Intensive Ag. (Cane) \$ & A Waste & C Kam III School	870.00
S-5010	Edward B. & Sylvia Mildred Perreira	5/23/67- 5/22/87	Wailua-Nui, Hana (Koolau)	1-1-08:14	59.910	A - Pasture & C	360.00
S-5011	Leigh-Wai Doo	5/23/67- 5/22/2032	Honouliwai	5-8-03:por. 12	.176	A - Unclassified (ROW)	1.87
S-5014	Nobriga's Ranch, Inc.	10/17/66- 10/16/86	Lot 10, Kahakuloa Hmstds., Kahakuloa, Wailuku (Kaanapali)	3-1-01:04	78.600	A - Pasture & C	80.00
S-0000	County of Maui, Dept. of Water Supply	3/14/80- 3/13/2045	Lahainaluna School, Lahaina	4-6-18:por. 5	1.000	U - Unclassified (Water Tank)	Gratis

SUMMARY OF GENERAL LEASES

THIRD LAND DISTRICT - ISLAND OF OAHU
Fiscal Year 1981-82

Use	Area (Acres)	Annual Rental	No. of Leases
Intensive agriculture use	1,255.942	\$ 94,772.00	51
Special livestock use	.000	0.00	0
pasture use	3,614.988	12,675.00	7
commercial timber use	.000	0.00	0
quarry use	.000	0.00	0
mining use	.000	0.00	3
recreational use	85.519	420.00	1
watershed use	1,534.500	32,600.00	2
residential use	4.204	2.00	35
commercial and industrial use	193.504	831,405.00	0
hotel, apartment and motel use	.000	0.00	0
resort use	.000	0.00	84
unclassified uses	8,030.904	58,914.84	
Totals	14,719.501	\$1,030,788.84	183

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(D)I-1755	Hawaiian Electric Co., Ltd.	4/07/26-Indefinite	Anwaiolimu & Kewalo		.210	U - Unclassified (ROW)	\$ 1.00
(D)S-1756	Hawaiian Electric Co., Ltd.	6/21/72-Indefinite	Waialea, Koolauloa		1.020	C - Unclassified (ROW)	12.00
(D)I-2955	Hawaiian Electric Co., Ltd.	5/25/48-5/24/98	Schofield Barracks		.546	U - Unclassified (ROW)	1.00 Full Term
(D)S-3702	Honolulu Gas Co., Ltd.	3/21/62-3/20/92	Wilikina Dr., Wahiawa	7-3-01	.051	U - Unclassified (ROW)	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 - Unclassified (Elee)	12,000.00
S-3726	Pacific (Heftel) Broadcasting Company of Hawaii, Inc.	1/12/63-1/11/83	Ala Wai Blvd., Kalia, Waikiki	2-6-13	1.236	U - Unclassified (ROW)	130.00
S-3727	Amancio R. & Serafina Nacapoy	1/14/63-1/13/2028	Kaluapalena, Kalihi	1-3-11	.153	U - Unclassified (ROW)	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	U - Unclassified	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 - Unclassified	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 - Unclassified (ROW)	1.00 Full Term
S-3809	Canadian Overseas Telecommunication Corporation	4/02/64-4/01/2029	Keawaula, Waianae	8-1-01	3.979	C - Commercial & Industrial	1,000.00
S-3811	Consolidated Amusement Co., Ltd.	4/02/64-4/01/2029	Kalauao, Ewa	9-8-11:11	.014	U - Unclassified (ROW)	125.00
(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 - Unclassified	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 - Unclassified	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 - Unclassified	1.00 Full Term

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(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 - Unclassified	1.00 Full Term
(D)S-3864	University of Hawaii	7/01/65-6/30/2030	Kaakaukui, Honolulu	2-1-60:1	5.450	U - Unclassified	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 - Unclassified (ROW)	75.00
(D)S-3897	Hawaiian Electric Co., Inc.	3/11/65-3/10/2030	HHL, Nanakuli	8-9-07	2.164	U - Unclassified (ROW)	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 - Unclassified (ROW)	50.00
S-3899	First Hawaiian Bank	3/11/65-3/10/2030	Auwaiolimu Lots, Honolulu	2-2-06:25	.299	U - Unclassified (ROW)	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 - Unclassified (ROW)	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 - Unclassified (ROW)	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 - Unclassified (ROW)	70.40
(D)S-3903	Hawaiian Telephone Co.	3/11/65-3/10/2030	Diamond Head Tunnel, Kapahulu, Honolulu	3-1-42	.959	U - Unclassified (ROW)	\$ 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 - Unclassified (ROW)	205.00
(D)S-3905	Hawaiian Electric Co., Ltd.	3/11/65-3/10/2030	Laelae, Kalihi Valley, Honolulu	1-4-22	.365	U - Unclassified (ROW)	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 - Unclassified (ROW)	200.00
S-3915	Assoc. of Apt. Owners of Sea View	6/21/65-5/20/2030	Kewalo, Honolulu	2-2-04	.043	U - Unclassified (ROW)	78.00
(D)S-3924	U.S. of America, Corps of Engineers (Army)	12/01/64-Indefinite	Battery Harlow, Fort Ruger Honolulu		.003	U - Unclassified	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 - Recreational	150.00
S-3978	Ralph Ajifu & Richard Azama	6/27/66-6/26/2031	Kaluapuhi-Waikalua Hmstds., Kaneohe	4-5-32:02	.167	U - Unclassified (ROW)	30.00
S-3980	Esther K. Arinaga	6/27/66-6/26/2031	Makiki Ditch	2-4-29	.021	U - Unclassified (ROW)	36.00
S-3981	Roy H. & Jane S. Aoki	6/27/66-6/26/2031	Por. Pauoa Valley	2-2-16	.021	U - Unclassified (ROW)	\$ 1.00
S-3982	Castle & Cooke, Inc.	6/27/66-6/26/2031	Kuwili, Kapalama-Kai, Honolulu	1-5-16	.090	U - Unclassified	246.00
S-3983	Leki, Inc.	6/27/66-6/26/2021	Por. Old Waialea Boys' Home, Koolauloa	5-8-01	12.854	U - Commercial & Ind.	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 - Commercial & Ind.	48,750.00
S-4017	Aloha Council, Boy Scouts of America	6/10/66-6/09/96	Reservoir Lot, Kaimuki, Honolulu	3-2-35	.657	U - Recreational	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 - Commercial & Ind.	330.00

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(D)S-4094	City & County of Honolulu	4/24/67- 4/23/2032	Kapahulu, Waikiki, Honolulu	3-1-42	.139	U - Unclassified	1.00 Full Term
(D)S-4100	Army & Air Force Exchange Service	11/01/67- 10/31/2032	Kaakaukui, Honolulu	2-1-58	2.500	U - Unclassified	1.00 Full Term
(D)S-4104	Hawaiian Electric Co., Inc.	4/15/66- 5/28/2028	Kapahulu, Honolulu	3-1-42	.154	U - Unclassified (ROW)	10.00
S-4110	Hawaii Kai Community Services Co.	9/15/67- 9/14/2032	Maunaloa	3-9-15	.650	U - Unclassified (ROW)	\$ 255.00
S-4113	Val's U-Drive, Inc.	10/10/67- 10/09/2007	Moanalua	1-1-64:08	.676	U - Commercial & Ind.	10,900.00
S-4114	Jack Altman	10/10/67- 10/09/2007	Moanalua	1-1-06:09	.909	U - Commercial & Ind.	18,800.00
S-4115	G. W. Murphy Construction Co., Inc.	10/10/67- 10/09/2007	Moanalua	1-1-64:10	.946	U - Commercial & Ind.	12,200.00
S-4116	Hawaii Industrial Partners #1	10/10/67- 10/09/2007	Moanalua	1-1-64:11	1.010	U - Commercial & Ind.	15,600.00
S-4117	Shafter Land Corp.	10/10/67- 10/09/2007	Moanalua	1-1-64:12	1.010	U - Commercial & Ind.	15,300.00
S-4118	Economics Laboratory, Inc.	10/10/67- 10/09/2007	Moanalua	1-1-64:13	1.010	U - Commercial & Ind.	16,400.00
S-4119	W. E. Fallon	10/10/67- 10/09/2007	Moanalua	1-1-64:14	1.094	U - Commercial & Ind.	18,600.00
S-4120	Electrical Distri- butors, Ltd.	10/10/67- 10/09/2007	Moanalua	1-1-64:15	.918	U - Commercial & Ind.	15,500.00
S-4121	Emmett Paul Simpson	10/10/67- 10/09/2007	Moanalua	1-1-64:16	.918	U - Commercial & Ind.	15,600.00
S-4122	Equipment Service Co., Ltd.	10/10/67- 10/09/2007	Moanalua	1-1-64:17	.507	U - Commercial & Ind.	\$ 7,500.00
S-4123	Douglas K. Takata	10/10/67- 10/09/2007	Moanalua	1-1-64:19	.566	U - Commercial & Ind.	9,600.00
S-4124	Sen Plex Corp.	10/10/67- 10/09/2007	Moanalua	1-1-64:19	.574	U - Commercial & Ind.	9,100.00
S-4125	Oahu Development Corp.	10/10/67- 10/09/2007	Moanalua	1-1-64:20	.574	U - Commercial & Ind.	9,600.00
S-4126	Ikazaki, et al.	10/10/67- 10/09/2007	Moanalua	1-1-64:21	.574	U - Commercial & Ind.	17,000.00
S-4127	Tropical Isle Com- mercial Development	10/10/67- 10/09/2007	Moanalua	1-1-64:22	.574	U - Commercial & Ind.	17,000.00
(D)S-4129	U.S. of America, Federal Aviation Administration	5/31/67- 5/30/2032	Fort Ruger		.099	U - Unclassified	Gratis
S-4131	Waianae Valley Ranch, Inc.	10/19/67- 10/18/87	Waianae	8-5-06	1,272.000	A - Pasture	3,100.00
S-4132	Miyoshi Uchinaka	10/19/67- 10/18/2032	Ewa	9-7-23	.010	U - Unclassified (ROW)	6.00
S-4216	Powerline Oil Co.	12/05/68- 12/04/2033	Kapalama, Honolulu	1-5-34:por. 04 & 08	.112	U - Unclassified (ROW)	915.00
S-4217	Ernest W. Albrecht	12/05/68- 12/04/2033	Puea, Waianae	8-5-05:por. 09	.612	A - Unclassified (ROW)	\$ 21.00
S-4218	Waipahu Soto Zen Temple Taiyoji	12/05/68- 12/04/2033	Cemetery Lot, Pouhala, Waialeale, Ewa	9-4-27:124	.229	U - Unclassified (Elee)	12.00
(D)S-4220	University of Hawaii	1/29/69- 1/28/2034	Kaimuki Tract 49, Kapahulu	3-2-31	8.053	U - Unclassified	Gratis
(D)S-4223	Hawaiian Telephone Co.	3/01/66- 2/28/2031	Mt. Kaala, Mokuleia, Waialua	6-7-03:24	.211	C - Unclassified (ROW)	966.00
S-4266	Mokuleia Homesteads	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

METHOD OF DISPOSITION

D - Direct Award
All others by public auction

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GENERAL LEASES

OAHU

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4267	John Kalawaiianui Nakoa	9/04/69- 9/03/2034	Palolo Valley, Por. Anuenue Elem. School	3-4-04	.031	U - Unclassified (ROW)	31.17
S-4290	Albert C. Kobayashi, Inc.	3/12/70- 3/11/2010 Unit III, Moanalua	Lot 1, Shafter Flats Ind. Dev., Moanalua	1-1-64	.232	U - Commercial & Ind.	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 - Commercial & Ind.	7,500.00
S-4292	Home Communications Services Corp.	3/12/70- 3/11/2010	Lot 3, Shafter Flats Ind. Dev., Unit III Moanalua	1-1-64	.527	U - Commercial & Ind.	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 - Commercial & Ind.	\$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 - Commercial & Ind.	16,200.00
S-4304	Thomas D. & Karen C. Perkins	5/19/70- 5/18/2035	Por. Kalawahine, Honolulu	2-5-19:por. 05	.033	U - Unclassified (ROW)	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 - Watershed	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 - Unclassified (Elee)	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 - Unclassified	Gratis
(D)S-4352	Hawaii Assoc. of 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 - Unclassified (Elee)	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 - Unclassified (Elee)	\$ 150.00
S-4367	Vista Delmar	11/06/72- 11/05/2037	Moanalua, Honolulu	1-1-63	.141	U - Unclassified (ROW)	75.38
S-4369	The Research Corp. of the University of Hawaii	11/01/72- 10/31/2037	Lualualei, Waianae	8-6-01	14.352	U - Unclassified	1.00 Full Term
(D)S-4384	U.S. Postal Service	6/29/73-	Honolulu	2-4-12	2.591	U - Commercial & Ind.	29,400.00
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 - Unclassified (Elee)	Gratis
(D)S-4390	U.S. of America (Army)	11/05/73-	Lot 1103 B, adj.	1-1-02:Por. 4	10.000	U - Unclassified	Gratis
(D)S-4402	Hawaiian Telephone Co.	4/04/72-	Nanakuli, Waianae	8-9-08:04	.898	C - Unclassified	250.00
(D)S-4403	Hawaii Housing Authority	9/20/74- 9/19/94	Kuwili, Honolulu	1-5-07	1.452	U - Unclassified	Gratis
(D)S-4404	City & County of Honolulu, Honolulu Redevelopment	8/23/74- 8/22/2039	Par. 17, 20-22, Kukui Project, Hon.	2-1-09	.143	U - Unclassified	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 - Commercial & Ind.	168,000.00
(D)S-4407	Pierco, Inc.	9/26/74- 10/20/2027	Waimanalo, Koolaupoko	4-1-14:Adj. 06	1.729	C - Commercial & Ind.	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 - Unclassified	Gratis
(D)S-4411	Honolulu Community Theatre	8/18/74- 8/17/2024	Kapahulu, Honolulu	3-2-20:01	2.735	U - Commercial & Ind.	\$ 1,800.00

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S-4435	University of Hawaii	7/01/75- 6/30/2040	Diamond Head Res. Kapahulu, Oahu	3-1-42:09	51.628	U - Unclassified	Gratis
S-4482	Waianae Hawaiian Heritage Cultural Center, Inc.	8/23/74- 8/22/77	Por. of Gov't (Crown) land of Waianae, Waianae-Kai	8-5-18:Por. 01	1.154	U - Unclassified (Elee)	1.00
S-4485	Inscon Development Company	10/30/75- 10/29/2030	Hanakoe, Kawela, Koolauloa	5-7-01	.214	U - Unclassified (ROW)	38.39
S-4487	Hawaii Wing Civil Air Patrol	1/01/74- 12/31/2000	Puu-O-Hulu Tunnel Site & Roadway Easement, Lualualei, Waianae	8-7-06:08 8-7-06:29	5.981	C - Unclassified	Gratis
S-4488	University of Hawaii	2/23/73- 2/22/2038	Por. Kapalama Mil. Res. Mokauea, Kalihi	1-5-41	16.069	U - Unclassified	Gratis
S-4513	Variety Club School & Special Education Center	3/15/76- 3/14/2040	Fort Ruger, Honolulu	3-1-42:Por. 18	4.291	U - Unclassified (Elee)	\$ 120.00
S-4543	Kenneth Pratt	11/24/75- 11/23/2040	Waialua	6-1-08:03	.012	U - Unclassified (ROW)	430.00
S-4555	Dept. 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. Fong	4/11/77- 4/10/2042	Hauula	5-4-07:Por. 2	.017	U - Unclassified (ROW)	450.00 Full Term
S-4560	Easter Seal Society for Crippled Children & Adults of Oahu, Inc.	7/17/77- 7/16/2042	Kewalo, Honolulu	2-1-39	.612	U - Unclassified (Elee)	1.00
S-4561	Waianae Kai Development, Inc.	7/1/77- 6/30/97	Waianae	8-5-05	97.764	U - Unclassified (Elee)	1.00
S-4578	Basin Project, Inc.	12/23/77- 12/22/2042	Por. Filled Land, Kaakaukui (Kewalo Basin)	2-1-58:41 & 48	.621	U - Commercial & Ind.	40,500.00
S-4579	University of Hawaii (Tropical Agriculture)	9/01/77- 8/31/97	Waimanalo	4-1-26:1, 2 & 21	127.539	A - Intensive Ag	Gratis
S-4580	Old Vineyard St. Residents' Assoc.	6/15/78- 6/14/2033	Old Vineyard St. Housing Project, Halehala, Honolulu	2-1-18:Por. 11	.679	U - Residential	1.00
S-4582	Mokauea Fishermen Association	6/01/78- 5/31/2043	Kaliawa & Mokauea, Kalihi	1-5-41	13.750	U - Unclassified (Elee)	\$ 150.00
S-4588	Hawaiian Telephone Co.	6/06/73- 6/05/2038	Puu Ohia Radio Sta. Sites A&B, & Parcels C, D, E, & F, Situated at Kalawahine & Opu, Honolulu, Oahu	2-5-19	1.300	C- Unclassified (ROW)	3,711.00
S-4589	Basin Project, Inc.	6/30/78- 12/29/2042	Por. of Filled land of Kaakaukui (Kewalo Basin) plus easement for air rights over portions of adjoining coral reef area above Kewalo Basin Channel	2-1-58:por. 10 & 41	.233 (Parcel A) .144 (Easement)	U - Commercial & Ind.	12,000.00
S-4590	Honolulu Community Action Program, Inc.	1/1/77- 12/27/81	Por. of Waianae-Kai Military Reservation including Bldg. 38 and 39, Waianae-Kai, Oahu	8-5-02:12	4.020	U - Commercial & Ind.	Gratis
S-4592	University of Hawaii Community College Sys.	12/1/77- 11/30/2042	Kalihi-Palama Education Center, West corner of Intersection of King St. and Austin Lane	1-5-05:14	.282	U - Unclassified	Gratis
S-4603	First Samoan Assembly of God	5/1/79- 4/30/2034	Horizontal Limits of Space Parcel A, Por. of FAP No. I-HI-1(93), Honolulu	1-6-08	1.180	U - Unclassified (Elee)	\$ 6,372.00
S-4605	United States of America	1/1/79- 12/31/83	Water pipeline Easement, Waianae- Kai, Oahu	8-5-01:4 & 45	—	U - Unclassified (ROW)	Gratis

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S-4606	Hawaiian Independent Refinery, Inc.	11/03/78-11/02/2043	Honouliuli, Ewa	9-1-26 & 9-1-31 Parcels 1 & 2	191.148	U - Unclassified (ROW)	252,000.00 Full Term (paid)
S-4611	City & County of Honolulu, Building	10/01/79 9/30/2029	Waihee, Koolaupoko	4-7-02:17	.606	U - Unclassified	120.00
S-4612	Del Monte Corp.	1/1/80 12/31/94	Waikele, Ewa	9-4-12:1, 2 & 3	587.380	A - Intensive Ag	39,500.00
S-4631	Sudbrink Broadcasting Co. of HI, K(O)KUA Radio One Corp., Heftel Broadcasting Corp., Communications Hawaii, Inc.	5/5/80 5/4/2035	Kaakaukui	2-1-58:48	.082	U - Unclassified	30,000.00
S-4643	Gen of Hawaii, Inc.	6/1/80 5/31/2035	Kuwili	1-5-20:6	2.749	U - Commercial & Ind.	140,000.00
S-4644	Cornax Corp.	5/14/80- 5/13/2035	Kalauao, Ewa	9-9-10:33	3.697	U - Commercial & Ind.	\$ 91,000.00
S-4658	City & County of Honolulu	7/1/80- 6/30/2045	Kaakaukui, Honolulu	2-1-57:7	.698	U - Commercial & Ind. (Sewage Pumping Sta)	1.00 per annum
S-4692	Chevron USA, Inc.	12/18/80- 11/02/2043	Honouliuli, Ewa	9-1-31:por. 3, por. 4	92.247	C - Unclassified	4,000.00 (\$252,000.00 full term) (paid)
(D)S-4693	City & County of Honolulu	7/1/80- 6/30/2045	Lualualei, Waianae	8-7-07:por. 1	1.399	- Unclassified (Sewage Pump Sta. & ROW)	Gratis
S-4776	City & County of Honolulu		Paalaa Uka, Waialua, Oahu	6-4-03:02		A - Intensive Ag and Housing	Gratis
S-4783	Honolulu Community Action Program	12/28/81 12/27/82	For Waianae-Kai Military Reservation	8-5-02:15	4.000	U - Unclassified	Gratis
S-4825	Waikiki Community Center		Waikiki, Oahu	2-6-25:02	1.477	U - Unclassified (Elee)	120.00
S-5006	University of Hawaii	6/01/67- 5/31/2032	Mt. Kaala, Mokuleia For. Reserve	6-7-03	.110	U - Unclassified	Gratis
S-5013	First Church of Christ, Scientist	5/25/67- 5/24/2032	Honolulu	2-4-08	.050	U - Unclassified (Elee)	110.00
<u>WAIMANALO AGRICULTURAL LEASES</u>							
S-3753	SGVG Corp.	12/02/63- 12/01/83	Lot 2, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:31	3.429	A - Intensive Ag	\$ 355.00
S-3754	Servco Pacific, Inc.	12/02/63- 12/01/83	Lot 3, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:32	4.147	A - Intensive Ag	360.00
S-3755	Ronald H. Deisseroth	12/02/63- 12/01/83	Lot 4, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:33	5.106	A - Intensive Ag	350.00
S-3756	Norman and Adeline Thomas	12/02/63- 12/01/2006	Lot 5, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:34	5.193	A - Intensive Ag	536.00
S-3757	Steven & Jeannie Saiki	12/02/63- 12/01/2005	Lot 9, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:40	3.742	A - Intensive Ag	770.00
S-3758	Kazuto Yamada	12/02/63- 12/01/2006	Lot 10, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:41	4.094	A - Intensive Ag	700.00
S-3759	Kawahara Nursery & Landscaping Co., Ltd.	12/02/63- 12/01/2008	Lot 11, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:42	4.486	A - Intensive Ag	375.00
S-3760	Kaname & Ethel H. Tanaka	12/02/63- 12/01/2008	Lot 12, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:43	4.635	A - Intensive Ag	780.00
S-3761	Windward Plants Company, Ltd.	2/02/64- 2/01/2011	Lot 13, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:44	4.014	A - Intensive Ag	360.00
S-3762	Henry Hiroshi Miyamoto	2/02/64- 2/01/84	Lot 14, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:46	5.137	A - Intensive Ag	420.00
S-3763	William K and Charlotte K. Fuller	12/02/63- 12/01/83	Lot 15, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:48	5.256	A - Intensive Ag	410.00
S-3764	Servco Pacific, Inc.	12/02/63- 12/01/83	Lot 16, Waimanalo Agr. Subdv. Koolaupoko	4-1-10:08	3.228	A - Intensive Ag	295.00

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S-3765	James I & Patricia Hee Kuroiwa, Jr.	12/02/63-12/01/83	Lot 25, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:30	7.787	A - Intensive Ag	\$ 560.00
S-3766	Rodney H. and Iris T. Fukui	12/02/63-12/01/2000	Lot 26, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:29	7.001	A - Intensive Ag	725.00
S-3767	Kazuto & Ayako Yamada	12/02/63-12/01/2006	Lot 27, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:28	7.195	A - Intensive Ag	1,170.00
S-3768	Stanley S. Kawabata	12/02/63-12/01/2010	Lot 28, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:27	6.836	A - Intensive Ag	1,360.00
S-3769	Mun On & Rosalind K. Chang	12/02/63-12/01/83	Lot 29, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:26	5.515	A - Intensive Ag	540.00
S-3770	Hiroshi & Sallie Ikene	12/02/63-12/01/2004	Lot 30, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:25	5.794	A - Intensive Ag	960.00
S-3771	Pacific Foliage, Inc.	12/02/63-12/01/2002	Lot 31, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:19	10.005	A - Intensive Ag	1,600.00
S-3772	Herbert M. Suzuki	12/02/63-12/01/83	Lot 32, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:18	6.521	A - Intensive Ag	1,300.00
S-3773	Servco Pacific, Inc.	12/02/63-12/01/93	Lot 34, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:11	9.565	A - Intensive Ag	1,520.00
S-3774	Katsumi Mashita	12/02/63-12/01/2002	Lot 35, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:10	8.541	A - Intensive Ag	1,380.00
S-3775	Rainbow Properties, Inc.	12/02/63-12/01/2004	Lot 36, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:09	8.860	A - Intensive Ag	1,430.00
S-3776	Howard E. & Naomi H. Chaille	12/02/63-12/01/83	Lot 37, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:12	8.513	A - Intensive Ag	\$ 490.00
S-3777	Sharon's Plants, Ltd.	12/02/63-12/01/2011	Lot 39, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:08	7.883	A - Intensive Ag	515.00
S-3778	Sharon's Plants, Ltd.	12/02/63-12/01/2006	Lot 40, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:07	5.686	A - Intensive Ag	1,374.00
S-3779	Sharon's Plants, Ltd.	12/05/63-12/04/2006	Lot 41, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:06	6.032	A - Intensive Ag	1,152.00
S-3780	Larry & Patrice Goebelt	12/02/63-12/01/2008	Lot 46, Waimanalo Agr. Subdv., Koolaupoko	4-1-26:19	6.705	A - Intensive Ag	1,100.00
S-3782	Peter A & Gertrude Pak Chong	12/02/63-12/01/83	Lot 48, Waimanalo Agr. Subdv., Koolaupoko	4-1-26:17	7.136	A - Intensive Ag	550.00
S-3783	Johnny & Pauline B. Castillo	12/05/64-2/04/84	Lot 1, Waimanalo Agr. Subdv., Koolaupoko	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. Subdv., Koolaupoko	4-1-27:20	19.481	A - Pasture	730.00
S-3787	Warren Q.K. & Ellen S.P. Yee	12/02/63-12/01/93	Lot 7, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:38	3.536	A - Intensive Ag	245.00
S-3792	Elizabeth Heavey & Eleanor Kaleimomi McTellan	12/05/63-12/04/93	Lot 45, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:01	1.100	A - Intensive Ag	380.00
S-3793	Robert L. & Anna K. Ham	12/02/63-12/01/93	Lot 18A, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:06	6.490	A - Intensive Ag	950.00
S-3794	Abigail Kekaulike Kawanakoa	12/02/63-12/01/93	Lot 18B, Waimanalo Agr. Subdv., Koolaupoko	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. Subdv., Koolaupoko	4-1-26:18	5.492	A - Intensive Ag	\$ 550.00
S-3856	Fred M. & Toshiko Nakayama	8/10/64-8/09/2002	Lot 9, Waimanalo Farm Lots, Koolaupoko	4-1-24:23	9.474	A - Intensive Ag	1,520.00
S-3858	Warren Q.K. & Ellen S.P. Yee	8/10/64-8/09/2004	Lot 8, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:39	3.662	A - Intensive Ag	510.00
S-3859	Faith Kiyoko Okabe	8/10/64-8/09/84	Lot 56A & 56B, Waimanalo Farm Lots, Koolaupoko	4-1-25:22 & 23	8.923	A - Intensive Ag	580.00

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OAHU

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3860	Yong & Helen Y. Kam	8/13/64-8/12/84	Lot 31, Waimanalo Farm Lots, Koolaupoko	4-1-24:62 & 63	6.862	A - Intensive Ag	640.00
S-3861	Nolan B. George	8/10/64-8/09/2004	Lot 33, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:16	20.056	A - Pasture	900.00
S-4007	Living Designs, Inc.	9/12/66-9/11/2005	Lot 23 & 24, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:23 & 24	34.538	A - Intensive Ag	2,600.00
S-4008	Walter F.L. & Evelyn Z. Chong	9/11/66-9/11/86	Lot 38, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:14	20.395	A - Intensive Ag	960.00
S-4009	Char Hung Sut Fish Farms	9/12/66-9/11/86	Lot 28, Waimanalo Farm Lots, Koolaupoko	4-1-24:54	9.454	A - Intensive Ag	800.00
S-4010	Arnold & Louise Swartz	9/12/66-9/11/86	Lot 67, Waimanalo Farm Lots, Koolaupoko	4-1-18:40	7.021	A - Intensive Ag	1,030.00
S-4011	Matsuko Beveridge	9/12/66-9/11/96	Lot 43, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:04	1.032	A - Intensive Ag	420.00
S-4093	Victor & Harriet Towne Gega	3/20/67-2/19/97	Lot 44, Waimanalo Agr. Subdv., Koolaupoko	4-1-27:02	1.002	A - Intensive Ag	450.00
S-4095	Olomana Golf Links, Inc.	5/04/67-5/03/2007	Waimanalo, Koolaupoko	4-1-13:10	129.859	U - Commercial & Ind.	\$16,500.00
S-4101	Foremost Dairies-Hawaii, Ltd.	7/20/67-7/19/97	Waimanalo Agr. Subdv., Koolaupoko	4-1-08:Por. 05 4-1-26:04	195.810	A - Intensive Ag	8,100.00
S-4133	Joseph N.A. Ryan, Jr.	10/26/67-10/25/87	Lot 49, Waimanalo Agr. Subdv., Koolaupoko	4-1-26:15	8.450	A - Intensive Ag	2,000.00
S-4296	Ernest F. and Donna Carlbon	3/12/70-3/11/2010	Lot 17, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:07	11.001	A - Intensive Ag	2,100.00
S-4297	Mahalo Farms	3/12/70-3/11/2007	Lot 19, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:04	14.054	A - Intensive Ag	4,400.00
S-4298	Donald R. & Virginia M. Hillis	3/12/70-3/11/90	Lot 20, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:03	15.587	A - Intensive Ag	3,600.00
S-4305	Francis Y. Yoshida	5/19/70-5/18/2035	Waimanalo, Koolaupoko	4-1-10:74	.049	A - Unclassified (ROW)	3.30
(D)S-4321	The Valiants	9/24/71-9/23/2036	Lot 21, Waimanalo Agr. Subdv., Koolaupoko	4-1-10:02	20.062	A - Recreational	120.00
(D)S-4342	Hawaii Housing Authority	12/22/71-12/21/2046	Parcel A-1 Por. Gov't Crown Land	4-1-09	3.525	U - Residential	1.00 Full Term
S-4704	Waimanalo Council of Community Organization	11/1/79-10/31/81	Waimanalo	4-1-09:por. 265	23.312	U - Unclassified (Elee)	120.00

SUMMARY OF GENERAL LEASES

FOURTH LAND DISTRICT - ISLAND OF KAUAI
Fiscal Year 1981-82

Use	Area (Acres)	Annual Rental	No. of Leases
Intensive agriculture use	39,932.054	\$651,620.20	52
Special livestock use	.000	0.00	0
pasture use	2,520.478	25,188.00	22
commercial timber use	.000	0.00	0
quarry use	.000	0.00	0
mining use	.000	0.00	0
recreational use	36.627	681.00	4
watershed use	131.250	6,000.00	3
residential use	124.740	36,675.00	124
commercial and industrial use	65.781	78,896.00	29
hotel, apartment and motel use	.000	0.00	0
resort use	.000	0.00	0
unclassified uses	630.459	83,628.00	45
Totals	43,441.389	\$882,688.20	279

METHOD OF DISPOSITION

D - Direct Award
All others by public auction

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LAND CLASSIFICATION

(A) - Agriculture
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(R) - Rural
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GENERAL LEASES

KAUAI

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-3629	Saiva Siddhanta Church	3/15/61-3/14/86 Puna	Adj. to Lot 30, Wailua Hmstds.,	4-2-02:114	2.960	C - Recreational	\$ 435.00
S-3649	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	1,265.00
S-3650	August Aguiar	7/09/61-7/08/91	Kapaa Rice & Kula Lots, Kapaa, Puna	4-5-05:06	1.871	A - Intensive Ag	487.00
S-3666	William E & Evelyn P.O. Fernandes	10/16/61-10/15/91	Hanalei Hmstds., Puna	5-4-02:34 & 38	13.640	A - Intensive Ag	435.00
S-3674	William E. Fernandes	12/18/61-12/17/86	Wailua Rice & Kula Lots, Kawaihau Puna	4-2-03:05	4.406	U - Commercial & Ind.	1,000.00
S-3675	Hironu & Toneyo Takeuchi Choriki	2/15/62-2/14/83	Hanapepe Town Lots, Waimea	1-9-10:35	1.370	U - Residential	600.00
S-3679	William K. Lemm	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 - Intensive Ag	220.00
S-3694	Shoichi Nagamine	1/27/62-1/26/92	Hanapepe Valley, Waimea, Kona	1-9-03:06	7.826	A - Intensive Ag	190.00
(D)S-3711	County of Kauai	11/15/62-11/14/2027	Hanapepe, Waimea, Kona	1-9-02:44, 46 1-9-03:23 1-9-04; 1-9-11; 1-9-12:47, 48, 49 & 50	10.426	A - Unclassified	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 - Unclassified (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 - Unclassified (Elee)	360.00
S-3734	Tokiwa Shimonishi (Mrs.)	2/25/63-2/24/83	Hanapepe Town Lots, Waimea, Kona	1-9-10:37	.097	U - Commercial & Ind.	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 - Intensive Ag.	760.00

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GENERAL LEASES

KAUAI

LAND USE COMMISSION
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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
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 - Commercial & Ind.	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 - Unclassified (ROW)	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 - Intensive Ag.	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 - Intensive Ag.	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 - Intensive Ag.	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 - Intensive Ag.	725.00
S-3804	Toraji & Chuichi Oshima	11/26/63-11/25/83	Anahola Lots, Kawaihau, Koolau	4-8-06:26	1.357	A - Intensive Ag.	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	1,888.050	A - Intensive Ag. (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, Halealea	4-6-03:34 & 35 4-6-06:07, 20, 23, 31 & 37 4-6-07:09, 11, 12 & 22 4-6-08:30 & 56 4-6-09:05, 06, 13, 17 & 24 4-6-10:04 & 05 4-6-14:13 & 14 4-6-15:23 4-6-20:14 4-6-25:38 4-6-26:01 4-6-27:25 & 26 4-6-28:15 & 16 4-6-32: 22, 23, 30, 32 & 35		C - Watershed (License)	\$ 90,000.00
S-3828	Lihue Plantation Co., Ltd.	5/11/64-5/10/94	Por. Moloaa Por. Res. Papaa, Moloaa, Kawaihau	4-9-10	125.000	C - Watershed (License)	2,400.00
S-3829	Chiyeiko K. Yoshii & Robert A. Lemm	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 - Intensive Ag.	155.00
S-3830	Robert Y. & Shimayo Y. Hamamura	5/11/64-5/10/84	Anahola Lots, Kawaihau	4-8-11:16, 35, 36, 38 & 40	2.214	A - Intensive Ag.	70.00
S-3831	Kauai Resort Hotel	5/18/64-5/17/2029	Wailua Resort Site, Lihue	3-9-06:16	2.497	U - Commercial & Ind.	\$ 10,500.00
S-3832	Ichiji & Masako Matsumura	5/18/64-5/17/2019	Por. Kapaa, Kawaihau	4-5-11:46	.593	U - Commercial & Ind.	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 - Commercial & Ind.	18,000.00
S-3842	Bank of Hawaii	7/06/64-7/05/94	Hanapepe Town Lots, Waimea	1-9-05:49	.452	U - Commercial & Ind.	1,500.00
(D)S-3852	U.S. Of America (Navy)	8/20/64-8/19/2029	Bonham Air Force Base, Kona	1-2-02:25, 26, 27 & 28	189.557	U - Unclassified (Fed.)	1.00 Full Term

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GENERAL LEASES

KAUAI

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(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
S-3877	John Masashi Shimonishi	1/11/65-1/10/85	Hanapepe Rice & Kula Lots, Hanapepe Valley, Waimea, Kona	1-9-12:11	.950	A - Intensive Ag.	40.00
S-3878	Ume N. Oshita	1/11/65-1/10/85	Anahola Lots (HHL)	4-8-11:45	2.357	A - Intensive Ag.	300.00
(D)S-3879	Kauai Electric Co., Ltd.	1/11/65-1/10/2030	Hanapepe Transformer Site, Waimea	1-8-08:70	.017	U - Unclassified (ROW)	26.00
S-3880	Olaf E. Thronas	1/11/65-1/10/85	Wailua Rice & Kula Lots, Wailua Kawaihau	3-9-03:05 & 10	13.830	A - Pasture	\$ 120.00
S-3881	Samuel K. Thronas	2/09/65-2/08/85	Wailua Rice & Kula Lots, Wailua, Kawaihau	4-2-03:03	19.405	A - Pasture	500.00
S-3882	East Kauai Water Co., Ltd.	1/11/65-5/10/94	Kapaa Hmstds., Kapaa	4-6-05:08	3.360	U - Residential	100.00
S-3883	Kanichi & Alicia Tanigawa	1/11/65-1/10/85	Hanapepe Town Lots, Hanapepe	1-9-10:33	.181	U - Commercial & Ind.	350.00
S-3885	Manuel Andrade, Jr.	3/19/65-3/18/85	Hanapepe Rice & Kula Lots, Hanapepe, Waimea	1-9-12:05	3.080	A - Intensive Ag.	528.00
S-3889	Edward C. Shota	3/26/65-3/25/85	Wailua Rice & Kula Lots, Wailua, Kawaihau	4-1-01:01, 03 & 04	12.300	A - Intensive Ag.	401.00
S-3892	Masao Takatsuki	1/25/65-1/24/85	Wailua Rice & Kula Lots, Wailua Kawaihau	4-1-01:12	6.150	A - Intensive Ag.	180.00
S-3893	Koon Chow Lai	1/25/65-1/24/85	Wailua Rice & Kula Lots, Wailua, Kawaihau	4-1-01:07	16.850	A - Intensive Ag.	280.00
S-3895	William E. Fernandes	1/25/65-1/24/85	Hanalei Hmstds., Hanalei	5-4-02:33 & 42	7.300	A - Intensive Ag.	185.00
S-3910	Betty Wakasa Ushigome	4/14/65-4/13/85	Hanapepe Town Lots, Hanapepe	1-9-10:38	.095	A - Commercial & Ind.	\$ 240.00
(D)S-3911	Kauai Electric Co., Ltd.	4/14/65-4/13/2030	Por. Wailua, N. Oloheua, Waipouli, Lihue, Kawaihau, Puna	3-9-01 4-2-01	26.420	A - Unclassified (ROW)	515.00
(D)S-3917	U.S. of America	2/1/65-1/31/2020	Kokee Pacific Missile Range Facilities, Waimea	-----	22.900	C - Unclassified	600.00
(D)S-3928	U.S. of America (Army)	9/01/65-8/31/2030	Kokee, Waimea		8.450	C - Unclassified	Gratis
(D)S-3937	County of Kauai	11/01/65-10/31/2030	Hanapepe, Waimea	1-9-04:21	3.151	U - Unclassified	Gratis
S-3939	Keith H. Williams & Leroy H. Shepard dba Alii Farms	12/16/65-12/15/85	Kapaa Hmstds., Kawaihau	4-6-05:07	4.750	A - Intensive Ag.	250.00
S-3940	McBryde Sugar Co., Ltd.	11/16/65-11/15/2030	Por. Hanalei, Wailua & Kalaheo	2-3-01; 2-3-02; 2-3-12:01; 2-4-01; 3-9-01; 3-9-02:15; 4-2-01:02; 5-3-01:03; 5-4-01:01	74.380	A - Unclassified	925.00
S-3941	Rehabilitation Unlimited, Kauai	11/16/65-11/15/2020	Wailua Coconut Grove Kawaihau, Puna	4-1-03:18	.313	U - Commercial & Ind.	\$ 220.00
S-3943	Joseph H. Chu	11/16/65-11/15/85	Hanapepe Rice & Kula Lots, Waimea	1-9-02:19	1.140	A - Intensive Ag.	36.00
S-3944	John S. Rodrigues	11/16/65-11/15/85	Kapaa, Kawaihau Puna	4-6-08:35	3.995	A - Intensive Ag.	80.00

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S-3945	Leroy K.A. Aguiar	12/16/65- 12/15/2000	Kapaa Hmstds., Kawaihau, Puna	4-6-05:11	4.110	A - Intensive Ag.	600.00
(D)S-3952	U.S. of America (Navy)	12/17/65- 12/16/2030	Waimea		248.220	C - Unclassified	Gratis
S-3955	Joseph Prigge	3/19/66- 3/18/86	Kapaa Hmstds., Kawaihau, Puna	4-6-05:05	2.600	A - Intensive Ag.	48.00
S-3956	Keith H. Williams & Leroy H. Shepard dba Alii Farms	3/19/66- 3/18/2001	Kapaa Hmstds., Kawaihau, Puna	4-6-05:02	4.410	A - Intensive Ag.	150.00
S-3957	Jean E. Nadatani & Carol Ann DeCosta Shinagawa	2/17/66- 2/16/2031	Kalaheo, Koloa Kona	2-3-02:51	.025	A - Unclassified (ROW)	7.50
S-3958	Edwin Martin	3/19/66- 3/18/86	Kapaa Hmstds., Kawaihau, Puna	4-6-04:14	9.500	A - Pasture	400.00
S-3959	Frank D. Silva	3/19/66- 3/18/86	Kapaa Rice & Kula Lots, Kawaihau Puna	4-3-04:09	25.710	A - Pasture	\$ 703.00
S-3960	Hitoshi & Hatsue K. Miyabara	2/17/66- 2/16/86	Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-02:01 & 20	3.657	A - Intensive Ag.	329.00
S-3969	Eleanor K. Takeuchi & Akira Obatake	5/26/66- 5/25/86	Hanapepe Town Lots, Waimea, Kona	1-9-05:41	.148	U - Commercial & Ind.	600.00
S-3970	Lawrence & Daisy Vidinha	5/26/66- 5/25/86	Hanapepe Rice & Kula Lots, Waimea Kona	1-8-05:08	22.650	A - Pasture	162.00
S-3972	John S. Rodrigues	5/26/66- 5/25/86	Kapaa Hmstds., Kawaihau, Puna	4-6-08:23 & 24	33.000	A - Intensive Ag.	466.00
S-3973	Leialoha Dung	5/26/66- 5/25/2031	Lot 25, Hanapepe Rice & Kula Lots, Waimea, Kona	1-9-01:Por. 11	.174	A - Unclassified (ROW)	6.50
S-3974	Patrick M. & Ciella L. Cockett	5/26/66- 5/25/86	Hanalei Hmstds., Hanalei	5-4-02:26	13.070	A - Pasture	305.00
S-3977	R.K.U. Enterprises, Inc.	5/26/66- 5/25/2021	Hanapepe Town Lots, Waimea, Kona	1-9-05:07	.158	U - Commercial & Ind.	248.00
S-3987	Peter H. & Helen H. Souza	8/01/68- 7/31/88	Kapaa Rice & Kula Lots, Kawaihau, Puna	4-5-15:29	.987	A - Pasture	126.00
S-3988	W. Montague Downs	7/14/66- 7/13/86	Por. Kapaa Hmstds., Kawaihau, Puna	4-6-03:22 & 23	18.110	A - Intensive Ag.	500.00
S-3991	Ernest Palmeira	7/14/66- 7/13/86	Por. Kapaa Hmstds., Kawaihau, Puna	4-6-03:01	15.560	A - Pasture	380.00
S-3992	Nicholas B. and Judith Dettman	7/14/66- 7/13/2031	Por. Lawai, Koloa	2-5-02:34	.037	A - Unclassified (ROW)	\$ 18.00
S-3993	Ichiji & Masako Matsumura	7/14/66- 7/13/2001	Por. Kapaa Hmstds., Kawaihau, Puna	4-6-05:09	3.000	A - Intensive Ag.	630.00
S-3995	Peter H. & Helen H. Souza	7/14/66- 7/13/86	Por. Kapaa Rice & Kula Lots, Kawaihau	4-5-15:08	10.426	A - Intensive Ag.	240.00
S-4021	Manuel J. Fernandes	11/17/66- 11/16/86	Spring Res., Kalaheo, Koloa	2-4-01:05 2-4-02:01	1.760	A - Pasture	65.00
(D)S-4022	Hawaiian Telephone Co.	11/17/66- 11/16/2031	Por. Kapaa Rice & Kula Lots, Kawaihau	4-5-15:Por. 28	.156	A - Unclassified (ROW)	6.00
S-4023	Tetsuro Maeda & Yoshio Hiranaka dba T & Y	11/17/66- 11/16/2021	Nawiliwili Harbor Lots, Lihue	3-2-04:11	.618	U - Commercial & Ind.	1,200.00
(D)S-4031	William P. Alexander, Jr. Benjamin Alexander & Henry Alexander	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:28	.920	C - Residential	171.00

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GENERAL LEASES

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(D)S-4033	Lawrence & Daisy R. Vidinha	1/01/66 12/31/85	Puu Ka Pele, Waimea	1-4-02:21	.900	C - Residential	179.00
(D)S-4034	Edward & Jeanne N. Stanwood	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:46	.790	C - Residential	182.00
(D)S-4035	Charles E. Thompson & Sue Ellen Thompson	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:13	.990	C - Residential	197.00
(D)S-4036	Timothy Cole Porter	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:05	1.070	C - Residential	\$ 374.00
(D)S-4037	Niilo E. & Helen J. Koski	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:22	.910	C - Residential	276.00
(C)S-4038	Charles J. Haffner	1/01/66- 12/31/85	Puu Ka Pele,	1-4-02:43	1.030	C - Residential	216.00
(D)S-4039	Burt O. & Marion C. Wade	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:52	1.030	C - Residential	226.00
(D)S-4041	Joseph J. DeCosta, Sr. & Jean E. Nadatani	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:59	1.010	C - Residential	211.00
(D)S-4042	Manuel B. & Katherine Martin	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:60	1.010	C - Residential	201.00
(D)S-4043	Hawaiian Assoc. of Seventh-Day Adventists	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:56	1.110	C - Residential	267.00
(D)S-4046	Joaquin Sr. & Lucy C. Arruda	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:68	1.120	C - Residential	232.00
(D)S-4047	Ah Wo & Hatsue Ahana Calvin & Phillis Tokita	1/01/66- 12/31/85	Puu Ka Pele, Waimea	1-4-02:69	1.080	C - Residential	228.00
(D)S-4051	John F. & Gay Lee Bylander	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-03:04	.960	C - Residential	239.00
(D)S-4059	John C. & Dorothy Ann F. Hance	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-04:20	.840	C - Residential	222.00
(D)S-4069	Alfred J. & Elizabeth K. Toulon & Wilfred J. & Ann K. Baldwin	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-03:03	.960	C - Residential	\$ 239.00
(D)S-4072	Maurice & Arleen H. Contrades	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-05:45	.290	C - Residential	123.00
(D)S-4078	Keith Merrill Smith	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-04:47	.440	C - Residential	133.00
(D)S-4083	Kenji & Winifred S. Ego	1/01/66- 12/31/85	Kokee Camp Site,	1-4-04:35	.930	C - Residential	246.00
(D)S-4085	Melvin P. & Annie K. Christian	1/01/66- 12/31/85	Kokee Camp Site Waimea	1-4-04:30	.650	C - Residential	205.00
(D)S-4086	Frank O. Hay, Jr.	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-04:43	.900	C - Residential	254.00
(D)S-4089	David Cornwell	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-04:09	1.320	C - Residential	247.00
(D)S-4091	Joe T. & Betty W.S. Orrick	1/01/66- 12/31/85	Kokee Camp Site, Waimea	1-4-04:11	.310	C - Residential	91.00
S-4092	Samuel K. Thronas	2/16/67- 2/15/2002	Parcles A & B, Wailua Game Res., N & S. Olohana Waipouli, Kapaa, Kawaihau	4-2-01:01 4-4-01:01	1,855.000	A - Pasture	2,030.00
(D)S-4128	Boy Scouts of America, Aloha Council	12/01/67- 11/30/2022	Waimea Canyon Park, Waimea (Kona)	1-4-01:15	29.000	C - Recreational	120.00
S-4135	McBryde Sugar Co., Ltd.	11/29/67- 11/28/2032	Waimea (Kona)	1-9-03:02, 03 & 04	1.710	A - Unclassified (ROW)	26.00

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KAUAI

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LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4140	Destinations Development Corp.	2/14/68-2/13/2023	Lihue (Puna)	3-9-04:02	22.160	C - Commercial & Ind.	\$ 8,688.00
(D)S-4142	Hawaii Conference, United Church of Christ	1/01/66-12/31/85	Kokee Camp Site, Waimea	1-4-04:27	.500	C - Residential	160.00
(D)S-4144	Donn A. & Gale F. Carswell	1/01/66-12/31/85	Kokee Camp Site, Waimea	14-4-04:28	1.000	C - Residential	256.00
(D)S-4150	Gerald M. Sanchez	1/01/66-12/31/85	Kokee Camp Site, Waimea	1-4-04:59	.580	C - Residential	186.00
(D)S-4152	Calvin T. & Charlene R. Hoe	1/01/66-12/31/85	Kokee Camp Site, Waimea	1-4-04:53	.540	C - Residential	177.00
(D)S-4154	Koichi & Asayo Ikeda	1/01/66-12/31/85	Kokee Camp Site, Waimea	1-4-04:50	.420	C - Residential	192.00
(D)S-4155	William M. & Jean B. Moragne, Jr.	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:31	.970	C - Residential	183.00
(D)S-4156	Hajime & Kimiyo O. Takarishi	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:18	.970	C - Residential	203.00
(D)S-4157	Carlo Panfiglio	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:32	1.130	C - Residential	210.00
(D)S-4158	James F. II & Maiden E. Temple	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:16	1.060	C - Residential	215.00
(D)S-4159	Hong Shin & Lin Kiu Hee	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:41	.990	C - Residential	249.00
(D)S-4162	National Division of the Board of Missions of the Methodist Church	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:24 & 87	3.050	C - Residential	606.00
(D)S-4167	Wayne M. Sakai & Dennis M. Sakai	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:14	.890	C - Residential	\$ 177.00
(D)S-4168	Marvin A. Brennecke	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:04	1.040	C - Residential	279.00
(D)S-4169	Arthur G. & Mary T. Kruse	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:10	1.000	C - Residential	199.00
(D)S-4170	Shigeo & Hisako U. Nitta	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:08	.850	C - Residential	190.00
(D)S-4172	Jan W. TenBruggencate James C. Richardson & Margaret J. Watt	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:40	1.000	C - Residential	136.00
(D)S-4174	William & Helen S. Vierra	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:36	1.120	C - Residential	255.00
(D)S-4175	James K. & Shizue Okada, Yoshimasa & Edith Fujimura	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:34	1.150	C - Residential	212.00
(D)S-4176	George A. & Martha S. Kruse	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:42	1.000	C - Residential	220.00
(D)S-4177	Mary Lou Noenoelani Lewis	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:35	1.010	C - Residential	233.00
(D)S-4178	Kiyoshi & Julia Nakaya	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:51	1.050	C - Residential	\$ 204.00
(D)S-4179	Richard Kawakami, Akira Toma & Edward M. Kawakami	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:61	.950	C - Residential	193.00
(D)S-4180	Richard H. Nagoshi Wallace K. & Yuriko N. Tasaka	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:66	.870	C - Residential	147.00
(D)S-4181	Sutezo & Hatsue I. Mukai	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:67	.790	C - Residential	174.00
(D)S-4182	Mervin K. & Aletha Goodwin Kachi, Sr.	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:71	.900	C - Residential	188.00

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KAUAI

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(D)S-4183	Henry T. & Michie S. Tanaka	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:73	.960	C - Residential	185.00
(D)S-4184	Isaac W. & Gladys Y. Kaiu	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:75	.980	C - Residential	164.00
(D)S-4185	Alec & Agnes L. Blackstad	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:79	1.110	C - Residential	209.00
(D)S-4186	Doris F. & George K. Crowell	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:81	1.000	C - Residential	209.00
S-4200	William E. Fernandes	8/01/68-7/31/2023	Kawaihau (Puna)	4-5-15:40	2.035	U - Commercial & Ind.	\$ 825.00
(D)S-4214	Ruth K. Hanner	1/01/66-12/31/85	Puu Ka Pele, Waimea	1-4-02:45	.720	C - Residential	187.00
S-4222	Kekaha Sugar Co., Ltd.	1/01/69-12/31/93	Waimea (inc. HHL) (Kona)	1-2-02:01	7,380.657 927.130 7,759.423 11,657.548 27,724.758	A - Intensive Ag. (Cane) Contributory Pasture	354,300.00 44,500.00 15,000.00 <u>413,800.00</u>
(D)S-4240	University of Hawaii	4/25/69-4/24/84	Wailua, Kawaihau (Puna)	4-1-01:17 4-1-02:07	9.830	A - Intensive Ag.	1.00
S-4244	Island Holidays, Ltd.	5/13/69-5/12/2034	Parts 1 & 2, Wailua, Kawaihau (Puna)	4-1-05	.065	U - Commercial & Ind.	730.00 Full Term
(D)S-4250	Honolulu Gas Co., Ltd.	9/09/68-9/08/2023	Nawiliwili	3-2-03:30	1.614	U - Commercial & Ind.	3,770.00
S-4254	T. T. Kuramoto & Co., Ltd.	8/12/69-8/11/2024	Kekaha Town Lots, Kekaha, Waimea,	1-3-03:40	.302	U - Commercial & Ind.	515.00
S-4256	Kekaha Sugar Co., Ltd.	8/12/69-8/11/89	Waimea (Kona)	1-5-01:19	6.250	C - Watershed (License)	6,000.00
S-4257	Hiroshi Zeka	8/12/69-8/11/2019	Kapaa Town Lots, Kawaihau (Puna)	4-5-09:08	.351	U - Commercial & Ind.	733.00
(D)S-4259	U.S. of America (Army)	6/17/69-6/16/84	Parcels 1 & 2, Kokee State Park	1-4-01:03	1.343	C - Unclassified	Gratis
(D)S-4265	Kauai Electric Co., Ltd.	3/15/66-3/14/2031	Wailua, Lihue	3-9-06:26	.158	U - Unclassified (ROW)	288.00
S-4275	Denny's Repair & Service, Inc.	2/25/70-2/24/2025	Hanapepe Town Lots, Waimea (Kona)	1-9-05:09	.322	U - Commercial & Ind.	\$ 632.00
S-4276	Iolani Sportswear, Ltd.	1/27/70-1/26/2035	Hanapepe Business Lots, Waimea (Kona)	1-8-08:40	1.256	U - Commercial & Ind.	1,970.00
S-4277	William J. Sanchez	1/27/70-1/26/95	Kapaa Hmstds., Kawaihau (Puna)	4-4-04:05	49.701	A - Pasture	1,550.00
(D)S-4338	Waialeale Boat Tours, Inc.	5/15/72-5/14/82	Wailua River State Park, Kapaa		.008	C - Commercial & Ind.	500.00
(D)S-4353	University of Hawaii College of Tropical Agriculture	6/26/71-4/24/84	Wailua Rice & Kula Lots, Kawaihau (Puna)	4-1-02:12 & 18	8.430	A - Intensive Ag.	1.00 Full Term
(D)S-4388	Antone & Pearl F. Perez (Perry)	5/02/74-5/01/2039	Easement A, Lawai Hmstds., Lawai (Kona)	2-5-02	.021	A - Unclassified (ROW)	25.00
(D)S-4389	Manuel & Elsie F. Perez (Perry)	5/02/74-5/01/2039	Easement B, Lawai Hmstds., Lawai (Kona)	2-5-02	.024	A - Unclassified (ROW)	30.00
S-4392	Toshio & Lois N. Hashimoto	12/20/73-5/25/2031	Hanapepe Rice & Kula Lots, Hanapepe, Waimea (Kona)	1-9-01:11	4.080	A - Intensive Ag & Residential	1,951.00
S-4393	Christopher Barry Singleton	1/18/74-1/17/2029	Kainahola Pasture Land, Waipouli, Kawaihau (Puna)	4-4-04:44	40.260	A - Intensive Ag.	3,025.00
S-4394	Pride Co., Inc.	12/20/73-12/19/93	Waiahole, Waimea Valley, Waimea (Kona)	1-5-03:01	11.660	A - Intensive Ag.	650.00

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S-4396	James George Jung, Jr., Ralph E. Daehler, Jean Gregg, Chester Holtwick & Derwyn Lackey	1/18/74-1/17/94	Kapaa Hmstds., Kawaihau (Puna)	4-4-03:31	19.150	A - Pasture	\$ 1,305.00
S-4397	Manji & Emma C. Onye	1/20/73-12/19/2038	Nawiliwili Harbor Nawiliwili, Lihue (Puna)	3-2-04:56	.808	U - Commercial & Ind.	420.00
S-4398	Kapaa Poi Factory, Inc.	1/20/73-12/29/2008	Kainahola Pasture Land, Waipouli, Kawaihau (Puna)	4-4-04:43	3.000	A - Commercial & Ind.	1,200.00
S-4401	Kauai Soto Zen Temple, Zenshuji, Inc.	7/01/74-6/30/2039	Hanapepe, Waimea (Kona)	1-8-08:77	3.126	U - Unclassified	2,400.00
(D)S-4406	County of Kauai	7/01/73-6/30/2038	Kalaheo, Koloa (Kona)	2-4-09:06	.171	C - Unclassified (ROW)	Gratis
S-4412	The Lihue Plantation Co., Ltd.	10/31/74-10/30/99	Wailua, Lihue (Puna)	3-9-01:02; 3-9-02:01, 12, 20, 25, 26, 27 & 28; 3-9-06:09	6,543.668	A - Intensive Ag.	112,742.00
S-4413	The Lihue Plantation Co., Ltd.	10/31/74-10/30/99	Wailua, Kapaa & Anahola (Puna)	3-9-02:24; 3-9-06:12; 4-1-04:20; 4-3-04:08; 4-5-13:28; 4-5-15:35; 4-6-14:90; 4-7-04:04; 4-8-03:03;	31.000	A - Unclassified (ROW)	7,352.00
(D)S-4414	Rose Marie Kuntz, Donald T. Kuntz, Barbara A. Kuntz, Donna M. Kuntz, James S. Kuntz & Michael J. Kuntz	8/08/74-8/07/2039	Waioli, Hanalei (Halelealea)	5-5-06	.212	A - Unclassified (ROW)	\$ 216.00 Full Term
(D)S-4436	Tenrikyo Taiheiyo Kyokai	9/01/75-8/31/2040	Kapaa Town Lots, Kapaa, Kawaihau	4-5-08:08	.347	U - Unclassified	1,680.00
S-4480	Frank Souza & Emily Martin Souza	1/01/75-12/31/85	Lots 60 & 63, Kokee Camp Site, Kokee, Waimea	1-4-04:01	.660	C - Residential	276.00
(D)S-4489	Henry I & Margaret K. Nosaka & Wallace K & Mikie N. Karimoto	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:30	.730	C - Residential	162.00
(D)S-4490	David W. Pratt	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:29	1.020	C - Residential	240.00
(D)S-4491	Maria K. Cox & Kaniau K. Torris	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:47	.950	C - Residential	204.00
(D)S-4492	James M. & Roselle Bailey, et al.	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:20	1.000	C - Residential	252.00
(D)S-4493	Masako Y. Kitamura & Hisao Munechika	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:25	1.050	C - Residential	\$ 216.00
(D)S-4494	Peter & Virginia Kama, Sr., & Peter Kama, Jr.	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:26	1.030	C - Residential	240.00
(D)S-4495	John Tenuto & Gayla C. McCarthy	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:27	.820	C - Residential	186.00
(D)S-4496	Lawrence L. & Annie Goodwin	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:15	1.030	C - Residential	216.00
(D)S-4497	Robert L. Stevens	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:39	1.000	C - Residential	192.00
(D)S-4498	Agnes K. Hamada	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:86	.820	C - Residential	174.00
(D)S-4499	Lawrence E. & Cheryl M. Jordan	1/01/76-12/31/85	Puu Ka Pele, Waimea	1-4-02:85	.990	C - Residential	204.00

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(D)S-4500	Valdemar Knudsen	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-03:01 & 02	3.660	C - Residential	540.00
(D)S-4501	Albert J. & Helen M. Kocher	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-03:05	.810	C - Residential	180.00
(D)S-4502	Howard D. & Norma Briner	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:38	1.660	C - Residential	276.00
(D)S-4503	Patricia Smith Rice	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:19	1.900	C - Residential	\$ 366.00
(D)S-4504	Hawaiian Trust Co. (Will of Jean Faye)	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:05	1.110	C - Residential	234.00
(D)S-4505	Conway M. Marcallino	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:07	.620	C - Residential	126.00
(D)S-4506	Kenneth Roberts & Catherine Kerr Harding	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:10	1.110	C - Residential	240.00
(D)S-4507	Patricia Joan O'Neal Rea & Ruben J. Rea	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-03:17	.580	C - Residential	132.00
(D)S-4508	Kenneth T. & Claire T. Ferreira	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:36	.830	C - Residential	174.00
(D)S-4509	Manuel S. & Mae Andrade, Jr.	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:42	.700	C - Residential	138.00
(D)S-4510	Elizabeth Boynton	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:62	.530	C - Residential	126.00
(D)S-4511	Richard B. Roberts	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:69	.560	C - Residential	126.00
(D)S-4512	George R. & Leoncia M. Susterich	1/01/76-12/31/85	Kokee Camp Site, Waimea	1-4-04:63	.540	C - Residential	120.00
S-4517	GASCO, Inc.	4/1/72-3/31/2037	Por. of Gov't (Crown) Land of Waimea adj. to Lot 110 of Kekaha Garden Sub.	1-2-02	.179	U - Unclassified (ROW)	620.00
S-4547	Citizens Utilities Co.	5/1/77-4/30/2042	Kekaha, Waimea	1-2-02		U - Unclassified	\$ 99.00
S-4551	The Church of Jesus Christ of Latter Day Saints	5/1/80-4/30/2045	Kapaa, Kawaihau	4-5-09:Block K	.252	U - Unclassified	25.00
S-4554	Eric Paul Christian	8/25/72-8/24/2037	Anahola, Kawaihau	4-8-06:por. 26	.062	A - Unclassified (ROW)	324.60 Full Term
(D)S-4564	Honpa Hongwanji Mission of Hawaii	7/08/77-7/07/2042	Lot 81, Puu Ka Pele Park Lots, Waimea	1-4-02:78	1.060	C - Recreational	1.00
(D)S-4571	Kauai Electric Co.	4/13/73-3/14/2031	Wailua, Lihue (Puna)	3-9-06:por. 9	.124	U - Commercial & Ind.	560.00
(D)S-4572	U.S.A.	6/01/77-5/31/97	Nawiliwili, Lihue	3-1-01:1	.021	U - Unclassified	Gratis
(D)S-4573	RKU Enterprises, Inc.	11/30/77-11/29/2027	Lot 23, Hanapepe Business Lots, Hanapepe, Waimea (Kona)	1-8-08:64	.978	U - Commercial & Ind.	6,400.00
(D)S-4575	Hiroshi Azeka & Toshiko Azeka & Norman David Thompson & Karen Edith Thompson	11/30/77-11/20/2017	Gov't Remainder, Nawiliwili, Lihue	3-2-04:14	.576	U - Commercial & Ind.	5,280.00
(D)S-4576	Lihue Plantation Company, Ltd.	12/15/77-12/14/2002	Por. of Anahola-Kamalamalo Gov't Lands, Kawaihau	4-7-01, 02, 04; 4-8-02, 03	3,111.000	A - Intensive Ag. (Cane)	41,259.00
S-4576-A	James George Wetherill	12/16/77-12/15/2042	Lot 7-A, Hanapepe Rice & Kula Lots, Hanapepe, Waimea (Kona)	1-9-12	.076	A - Unclassified (ROW)	174.00 Full Term

METHOD OF DISPOSITION

ANNUAL REPORT

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All others by public auction

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GENERAL LEASES

(A) - Agriculture
(C) - Conservation
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KAUAI

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4581	John D. Harder & Vida L. Harder	4/19/78-4/18/2043	Gov't (Crown) Land of Anahola, Kawaihau (Puna) Being Easements "A-A" & "B-B"	4-8-04:3	1.075	A - Unclassified (ROW)	\$ 163.00 Full Term
S-4585	Walter S. Palmeira & Nardeen K. Palmeira	5/04/78-5/03/93	Por. of Gov't (Crown) Land of Wailua Across Lihue Jail Site, Wailua, Lihue (Puna)	3-9-02:17	9.960	A - Intensive Ag.	900.00
S-4586	McBryde Sugar Co., Ltd.	5/04/78-5/03/2003	Lots 10-A & 10-A Hanapepe Rice & Kula Lots, Hanapepe, Waimea	1-9-02:13 & 45	10.976	A - Intensive Ag. (Cane)	2,200.00
S-4591	Kauai Electric	10/13/67-10/12/2032	Nawiliwili Substa. Site, Lihue, Puna	3-3-03	.021	U - Unclassified (ROW)	33.00
S-4596	U.S. of America, Dept. of Navy	1/28/77-1/27/2027	Mana, Waimea			- Unclassified	Gratis
S-4597	United States of America Dept. of the Navy	9/8/78-8/19/2029	Mana, Waimea Kona, Kauai	1-2-02:por. 1	.110	A - Unclassified (ROW)	\$ Gratis
S-4607	Richard Cummings Kauai & Clement H. Kauai	11/16/74 11/15/2038	Kapaa, Kauai	4-6-09	.360	U - Unclassified (ROW)	65.00 Full Term
S-4618	Henry Cobb-Adams III & Dora Leilani Cobb-Adams	10/24/75-10/23/2040	Anahola, Kawaihau (Koolau)	4-8-06:por. 25, 55 & 56	.192	A - Unclassified (ROW)	442.00 Full Term
S-4645	Island Holidays, Ltd.	5/16/80-5/15/2045	Wailua, Kawaihau (Puna)	4-1-03:por. 39	.018	U - Unclassified (ROW)	2,900.00 Full Term
S-4646	Alida Toulon White	5/16/80-5/15/2045	Onao, Koloa	2-7-04:por. 12	.159	A - Unclassified (ROW)	4,690.00 Full Term
S-4647	Kauai Resort Hotel, Inc.	5/16/80-7/5/2029	Wailua, Lihue	3-9-06:16	1.770	U - Unclassified	9,714.00
S-4648	Dale M. Matsumura	6/15/80-6/14/95	Kapaa, Kawaihau	4-5-12:5	.221	U - Unclassified	2,900.00
S-4649	Chester Wayne Hunt	5/16/80-5/15/2005	Kekaha, Waimea (Kona)	1-3-03:41	.552	U - Commercial & Ind.	3,900.00
S-4650	Kauai Sand & Gravel, Inc.	6/15/80-6/14/2000	Wailua, Lihue (Puna)	3-9-02:3	45.023	A - Pasture	4,500.00
S-4651	Bernard K. Duarte	6/15/80-6/14/2000	Waipouli, Kawaihau (Puna)	4-4-04:4 & 51	33.930	A - Pasture	2,700.00
S-4653	Kauai Hydro Seeding & Landscaping	5/16/80-5/15/2000	Wailua, Kawaihau (Puna)	4-2-01:por. 3	42.053	A - Intensive Ag.	\$ 5,800.00
S-4654	Pride Company, Inc.	5/16/80-5/15/2000	Kekaha, Waimea (Kona)	1-2-02:35	42.019	A - Intensive Ag.	3,000.00
S-4655	The Lihue Plantation Company, Limited	5/16/80 5/15/2005	Wailua, Kawaihau (Puna)	4-2-01:por. 3	213.880	A - Intensive Ag.	7,000.00
S-4659	Smith's Motor Boat Service, Inc.	10/15/78-10/14/88	Wailua, Kawaihau (Puna)	3-9-04:3	.167	C - Unclassified	48,000.00
S-4672	U.S. of America, Dept. of the Navy	2/9/79-2/8/89	Waimea, (Kona),	1-2-01	.014	C - Unclassified	Gratis
S-4675	Kekaha Sugar Company, Limited	1/1/80-12/31/85	Puu Ka Pele, Waimea	1-4-02:12	.800	C - Residential	360.00
S-4676	The Lihue Plantation Company, Limited	1/1/80-12/31/85	Puu Ka Pele, Waimea	1-4-02	1.000	C - Residential	456.00
S-4677	Grove Farm Co., Inc.	1/1/80-12/31/85	Kokee Camp Site, Waimea	1-4-03 & 04	1.100	C - Residential	504.00
S-4678	Kikiaola Land Company, Limited	1/1/80-12/31/85	Kokee Camp Site, Waimea	1-4-03:12	2.000	C - Residential	915.00
S-4694	Harvey S. Garcia & Priscilla J. Garcia	1/1/80-12/31/85	Lot 37, Puu Ka Pele, Waimea (Kona)	1-4-02:44	.880	C - Residential	\$ 408.00
S-4695	Jennie Lee Lyum & Harold Hyung Hui Lyum, & Leslie M.H. Lyum	1/1/80-12/31/85	Lot 79, Puu Ka Pele, Waimea (Kona)	1-4-04	1.150	C - Residential	528.00

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GENERAL LEASES

KAUAI

LEASE NO.	LESSEE	TERM OF LEASE	LOCATION	TAX MAP KEY	AREA (Acres)	CLASSIFICATION AND USE	ANNUAL RENTAL
S-4699	Salvatore Bosco	1/1/81-12/31/85	Lot 85, Kokee Camp Site, Waimea	1-4-04:58	.790	C - Residential	360.00
S-4700	Tsukasa & Mitsuya U. Miyake	1/1/81-12/31/85	Lot 63, Puu Ka Pele, Waimea (Kona)	1-4-02:63	.900	C - Residential	411.00
S-4701	J.A. Roesch & Ruth W. Roesch	1/1/81-12/31/85	Lot 58, Kokee Camp Site, Waimea	1-4-04:24	1.030	C - Residential	471.00
S-4702	Ginevra C. Waterhouse	1/1/81-12/31/85	Lot 67, Kokee Camp Site, Waimea	1-4-04:46	.500	C - Residential	228.00
S-4703	Gregory D. Bridges & Sheryl A. Bridges	1/1/81-12/31/85	Lot 92, Kokee Camp Site, Waimea	1-4-04:49	.530	C - Residential	243.00
S-4705	Charles T. Wallis & Alice J. Wallis	1/1/81-12/31/85	Lot 4, Kokee Camp Site, Waimea	1-4-03:14	1.050	C - Residential	480.00
S-4706	Edwin T. Petteys, Hong Lin W. Petteys & Edwin Q.P. Petteys and Lottie K.L. Wolff & Charles Q.S. Petteys	1/1/81-12/31/85	Lot 72, Kokee Camp Site, Waimea	1-4-04:68	.670	C - Residential	255.00
S-4707	Andres Fernandez & Dwayne Fernandez	1/1/81-12/31/85	Lot 84, Kokee Camp Site, Waimea	1-4-04:55	.670	C - Residential	\$ 306.00
S-4708	Hideo L. Nakamura & Shigeyo O. Nakamura	1/1/81-12/31/85	Lot 15, Puu Ka Pele, Waimea (Kona)	1-4-02:23	1.020	C - Residential	465.00
S-4709	Roberta I. Faye	1/1/81-12/31/85	Lot 50, Kokee Camp Site, Waimea	1-4-03:11	.800	C - Residential	366.00
S-4710	Bonnie C. Dunford & William S. Dunford	1/1/81-12/31/85	Lot 47, Kokee Camp Site, Waimea	1-4-04:03	1.210	C - Residential	552.00
S-4711	Ritchie A. Gentry & Mary S. Gentry	1/1/81-12/31/85	Lot 53, Kokee Camp Site, Waimea	1-4-04:44	1.440	C - Residential	660.00
S-4712	Saburo Yoshioka & Edith M. Yoshioka	1/1/81-12/31/85	Lot 39, Kokee Camp Site, Waimea	1-4-04:06	.770	C - Residential	351.00
S-4713	Marguerite Gilmore Laidlaw & Gerry Ann Laidlaw	1/1/81-12/31/85	Lot 43, Kokee Camp Site, Waimea	1-4-04:8	.690	C - Residential	315.00
S-4714	Juliet Rice Wichman	1/1/81-12/31/85	Lot 33, Kokee Camp Site, Waimea	1-4-04:18	.680	C - Residential	312.00
S-4715	Anna L. Knapp	1/1/81-12/31/85	Lot 62, Puu Ka Pele, Waimea (Kona)	1-4-02:62	1.050	C - Residential	480.00
S-4716	Dorothy Pauline Clark	1/1/81-12/31/85	Lot 29, Kokee Camp Site, Waimea	1-4-04:21	.710	C - Residential	324.00
S-4718	Gaylord H. Wilcox & Harold M. Wilcox	1/1/81-12/31/85	Lot 54, Kokee Camp Site, Waimea	1-4-04:12	.400	C - Residential	183.00
S-4719	Richard Vidinha & Conception Vidinha	1/1/81-12/31/85	Lot 81, Kokee Camp Site, Waimea	1-4-04:60	.550	C - Residential	\$ 252.00
S-4720	Conrado Edayan	1/1/81-12/31/85	Lot 89, Kokee Camp Site, Waimea	1-4-04:54	.470	C - Residential	216.00
S-4721	Ralph Edwin Daehler & Patricia Lillian Daehler	1/1/81-12/31/85	Lot 22, Kokee Camp Site, Waimea	1-4-04:13	.510	C - Residential	231.00
S-4722	Frederick C. Ralston	1/1/81-12/31/85	Lot 5, Kokee Camp Site, Waimea	1-4-03:16	.980	C - Residential	447.00
S-4723	Hong Min Hee & Violet C.L. Hee	1/1/81-12/31/85	Lot 12, Kokee Camp Site, Waimea	1-4-03:10	2.000	C - Residential	915.00
S-4724	Anna J. Hansen	1/1/81-12/31/85	Lot 11, Kokee Camp Site, Waimea	1-4-03:7	1.470	C - Residential	672.00
S-4728	William Robert Warren	1/1/81-12/31/85	Lots 8 & 37, Kokee Camp Site, Waimea	1-4-04:14	.940	C - Residential	549.00
S-4729	John Harry Rice Plews	1/1/81-12/31/85	Lot 34, Kokee Camp Site, Waimea	1-4-04:17	1.010	C - Residential	462.00
S-4730	John Harry Rice Plews	1/1/81-12/31/85	Lots 35 & 36, Kokee Camp Site, Waimea	1-4-04:16	1.460	C - Residential	666.00

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S-4731	Harwood D. Williamson & Nancy H. Williamson	1/1/81-12/31/85	Lot 15, Kokee Camp Site, Waimea	1-4-03:13	1.820	C - Residential	831.00
S-4732	Kathryn T. Dinham	1/1/81-12/31/85	Lot 64, Kokee Camp Site, Waimea	1-4-04:40	1.070	C - Residential	489.00
S-4733	Michael A. Givens	1/1/81-12/31/85	Lot 10, Kokee Camp Site, Waimea	1-4-03:9	1.420	C - Residential	648.00
S-4734	William Montague Downs & Ann Howard Downs	1/1/81-12/31/85	Lot 54, Puu Ka Pele, Waimea (Kona)	1-4-02:54	1.050	C - Residential	\$ 480.00
S-4735	James F. Hackett & Sharon Lee Robbins	1/1/81-12/31/85	Lot 91, Kokee Camp Site, Waimea	1-4-04:48	.580	C - Residential	264.00
S-4736	Leonard H. Zalopany, Jr.	1/1/81-12/31/85	Lot 9, Kokee Camp Site, Waimea	1-4-03:06	.790	C - Residential	360.00
S-4737	Robert Lee Miller & Dian Ewart Miller	1/1/81-12/31/85	Lots 42 & 44, Kokee Camp Site, Waimea	1-4-04:04	1.440	C - Residential	657.00
S-4738	August Camara, Elizabeth H. Camara, Manuel Camara, Pearl L. Camara, Ernest Camara & Catherine P. Camara	1/1/81-12/31/85	Lot 69, Kokee Camp Site, Waimea	1-4-04:46	.500	C - Residential	228.00
S-4739	Walter Lappert	7/16/81-7/15/2021	Lot 15, Brodie Lots, Hanapepe	1-8-08:62	.385	U - Business	5,800.00
S-4740	Island Holidays	7/16/81-7/15/2006	Par. C. Wailua Coconut Grove, Wailua	4-1-03:17	.855	U - Parking & Landscaping	7,800.00
S-4741	Pioneer Hi-Bred International, Inc.	7/16/81-7/15/2016	Government Land, Kekaha	1-2-02:por. 6	5.601	A - Diversified Ag.	2,625.00
S-4742	Nemesio Carlos	8/15/81-8/14/91	Government Land, Kapaa	4-3-04:12	3.000	U - General Ag.	1,000.00
S-4743	Bruce N. Horka	8/15/81-8/14/91	Lots 2-B, 3, por. of 5 & 6, Kula Lots, Wailua, Kawaihau	4-1-2:23, 28; 4-1-6:3, 4	15.401	C - Pasture	425.00
S-4744	Bruce N. Horka	8/15/81-8/14/91	Por. of Lot 7, Wailua Rice & Kula Lots	4-1-02:20, 22	4.080	C - Pasture	1,000.00
S-4745	Kauai Sand and Gravel, Inc.	1/16/82-1/15/92	Government Land, Wailua House Lots	4-1-09:17	11.796	U - Pasture	\$ 2,100.00
S-4746	Lincoln Y.T. Ching	7/16/81-7/15/91	Government Land, Kapaa Rice & Kula Lots	4-5-15:10, 28 & por. 37	30.586	Pasture	4,000.00
S-4747	William A. Fontana, Sr. & Mary A. Fontana	1/1/81-12/31/85	Lot 53, Puu Ka Pele, Waimea (Kona)	1-4-02:53	1.030	C - Residential	468.00
S-4777	Lee Sandau	1/2/82-1/1/97	Lot 34, Kapaa Hmstds., First Series, Kapaa	4-6-04:13	5.750	U - General Ag.	1,600.00
S-4778	Joseph R. Singleton	12/3/81-12/2/2001	Lot 36, Kapaa Hmstds., First Series, Kapaa	4-6-05:10	6.240	U - General Ag.	2,400.00
S-4779	Tsutao Okasako	12/3/81-12/2/96	Por. of Lot 173, Kapaa Hmstds., Third Series, Kapaa	4-6-08:01	21.400	A - General Ag.	2,501.00
S-4780	Samuel K. Thronas	12/3/81-12/2/91	Lot 24, Wailua Rice & Kula Lots, Wailua	3-9-04:1; 3-9-02:por. 30	7.824	C - General Ag.	1,150.00
S-4781	Kauai Sand and Gravel, Inc.	1/2/82-1/1/92	Gov't. (Crown) Land of Wailua, Wailua	3-9-05:19 & 20	21.330	C - Pasture	320.00
S-4782	Fay T. Rapozo	1/2/82-1/1/92	Gov't. (Crown) Land of Kapaa, Kapaa	4-5-15:35, 36	11.509	U - Pasture	625.00
S-4784	Sam H. & Dorothy M. Tao	1/1/81-12/31/85	Kokee Camp Site, Waimea	1-4-04:52	.590	C - Residential	270.00
S-4785	Carol Ward Aki	7/23/81-7/22/2001	Lot 87, Kapaa Hmstds., First Series, Kapaa	4-6-03:4 & 10	13.320	A - Diversified Ag.	1,000.00



COVER

Pentasphere Fish Aggregating Buoy "E" was
deployed off Leleiwi, Hawaii from
the *R/V HOLOKAI*.