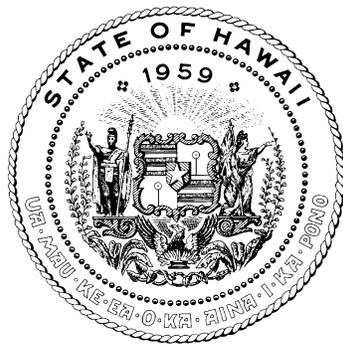


**REPORT TO THE TWENTY-EIGHTH LEGISLATURE  
REGULAR SESSION OF 2016**

**RELATING TO THE WILDLIFE REVOLVING FUND  
FISCAL YEAR 2015**



Prepared by

DEPARTMENT OF LAND AND NATURAL RESOURCES  
STATE OF HAWAII

In response to Section 183D-10.5, Hawai'i Revised Statutes

Honolulu, Hawai'i  
November 2015

**RELATING TO THE WILDLIFE REVOLVING FUND  
FISCAL YEAR 2015**

**PURPOSE**

The goal of the Wildlife Revolving Fund (WRF) is to provide funds to manage and enhance public hunting opportunities in Hawai‘i. Act 290, Session Laws of Hawai‘i 1991, amended Section 183D-10.5, Hawai‘i Revised Statutes (HRS) by adding a requirement for an annual report to be prepared by the Department of Land and Natural Resources (Department) on the status of the Wildlife Revolving Fund (WRF) and transmitted to the Legislature no later than twenty days prior to each regular session. The report is to include:

1. The source and application of monies deposited into the fund, including a description of the criteria and process used to determine funding priorities;
2. A description of programs and activities supported by the fund;
3. A summary of program highlights and accomplishments; and
4. A description of future program plans, including specific goals and objectives.

**FUNDS**

Section 183D-10.5 (b), HRS, provides that the following proceeds shall be retained by or transmitted to the Department for deposit in the WRF: fees for hunting licenses, game bird farmer and Commercial Hunting Preserve licenses and fees, hunting guide licenses, hunter education training programs and use of public target ranges, fines collected for hunting or wildlife law violations, bail forfeitures, sale of articles required before hunting, and related works of art. For fiscal year 2015 (FY 15), the major source of revenue was hunting license sales. Sources of revenues are detailed below:

Revenue continues to be low due to an appellate court ruling on December 31, 2007 which had the effect of suspending sales of the Wildlife Conservation Stamp, the Game Bird Stamp, and all tags and application fees for special hunts. Revenue did not meet the Department’s authorized budget ceiling for the WRF of \$572,088. New expenditures totaled \$170,534. The cash balance at the end of FY 15 amounted to \$56,440, with outstanding encumbrances of \$16,543. Revenues will gradually increase with in the Wildlife Revolving fund in the new fiscal year as the sales of Conservation Stamps, Game Bird Stamps, Tags, and applications fees may now be collected for the FY 2016 hunting season.

**Status of S-343**

Beginning cash Balance of Fund on July 1, 2015	\$0.00
Revenues during FY 2015	\$222,194.70
Expenditures during FY 2015	\$170,534.70
Cash Balance as of June 30, 2015	\$56,440.05
Unpaid encumbrances as of June 30, 2015	\$16,543.19

Unencumbered Cash for carryover as of 06/30/2015 \$39,896.86

**Summary of Revenues FY 2015**

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Hunting Guide License	\$1,825.00
Game bird Farmers	\$10,425.00
Hunting license	\$181,784.00
Investment pool	\$120.20
Fees, Wildlife Conservation Stamp	\$45.00
Hunter Ed Fees	\$1,368.50
Game bird Stamps	\$730.00
Sales of Game Tags	\$15,610.00
Refund Reimbursement of Prior Year Expenditures	\$10,062.00
Rentals	\$225.00

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**Total Revenue for FY 2015** **\$222,194.70**

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**Summary of Expenditures FY 2015**

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Personnel	\$84,930.85
Operations	\$85,603.83

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**Total Expenditures** **\$170,534.70**

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**Summary of Outstanding Claims FY 2015**

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Operations	16,543.19
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**Total Outstanding Claims** **23,265.15**

**FUNDING PRIORITIES**

The WRF has been an important portion of the overall budget to meet obligations of state match and operating and salary expenses for game and wildlife projects. Because the major sources of revenue for the WRF come from direct charges to hunters, priority is given to expenditures which benefit this user group. A formal hunting rule change has been conducted and approved therefore the sale of stamps, game tags, and application fee may be assessed to hunters by species, area, and season chosen to hunt. The new hunting rules are now in effect and a revenue increase is anticipated for the WRF for fiscal year 2016.

In budgeting for the WRF, a policy of allotting at least 85% of the budget for the hunting program has been in place and followed. Up to 15% of the budget may be used for nongame and wildlife sanctuary management, for projects that may have dual benefits to game species and nongame species. Typical examples are the predator and weed control efforts to benefit game birds in the Kapapala Cooperative Game Management Area

(CGMA) and the Kīpuka ‘Āinahou Nēnē Sanctuary on the Big Island, which also benefit nēnē.

Section 183D-10.5(e), HRS, also requires that the state first use WRF monies to "maximize the state's participation to secure federal funds under the Pittman-Robertson Federal Aid in Wildlife Restoration Act." Consequently, a priority was given to those expenditures that provided the state match for Pittman-Robertson (PR) projects.

The allocation of operating funds to the Division of Forestry and Wildlife's (DOFAW's) Branch Offices was done on a lump sum basis to be used on eligible projects.

With the decline in hunting fee revenue, the funding available for salaries has been reduced and all recruitment for WRF positions has been frozen. The operating funds were allotted to the Branches based on the respective Branch wildlife program size and complexity, and amount of revenue generated from license fees. Discussions among wildlife staff has continued on the possible conversion of WRF-supported General Laborers to Forestry & Wildlife Technicians, but became a moot point with substantial loss of funds in previous years. Due to a projected revenue increase with the sales of stamps and tags for the upcoming fiscal year these discussions may now continue.

### **PROCESS USED**

1. The Department's Fiscal Office and DOFAW coordinated to determine the amount of the Fund available for allocation to DOFAW's Branch Offices.
2. At the beginning of each fiscal year, a portion of the WRF budget is allocated to each DOFAW Branch Office, to Honolulu Administrative Staff for Statewide projects and to the Hunter Education Program of the Department's Division of Conservation and Resource Enforcement. A portion of the funds are allocated for temporary personnel to maintain wildlife program functions, and to pay budgeted add-on salary costs to assist with wildlife projects.
3. Each Branch Office collaborates in the development of the overall annual WRF budget, to benefit the resources and resource users, all within the criteria of compliance with the purpose of the WRF and the necessity to provide state-match requirements for PR projects.
4. An emphasis was placed on using WRF for essential expenditures to provide support for public hunting opportunities.
5. All expenditures are identified and coded as "WILDLIFE REVOLVING FUND: S-15-343" to facilitate tracking and accountability.
6. Expenditures complied with approved categories of expenditures for WRF as established by The Board of Land and Natural Resources on August 13, 1993 (see Attachment 1, appended

## HUNTING LICENSE SALES OVERVIEW

Overall, Hawaii hunting license sales have shown a steady decline over the past years 1995-2006, mirroring a national trend. The exception is the sale of non-resident licenses, which indicates a persistent increase annually. With a non-resident to resident license cost ratio of almost 4 to 1, the increasing non-resident license revenue offsets about a third of declining resident license sales income. Since this combined revenue is earmarked in the Wildlife Revolving Fund and used to benefit game management and hunting programs, it suggests that hunter recruitment, hunter retention, and hunting tourism programs be actively promoted. As of 2007 the sales of hunting license have gradually increased and in order to increase hunting program revenue, the Division of Forestry and Wildlife established a \$10 Wildlife Conservation Stamp in 2015, and made it an integral and mandatory part of the general hunting license, effectively increasing the resident license fee purchase price to \$20 (non-resident \$105). Hawaii Administrative Rule 13-122-5.1 granted the department authority to “establish fees for wildlife stamps, application fees, and tags” insofar as the fee set for each stamp, fee, or tag does not exceed the cost of a hunting license (\$10).

Figure 4.2, Hunting License Sales Trend

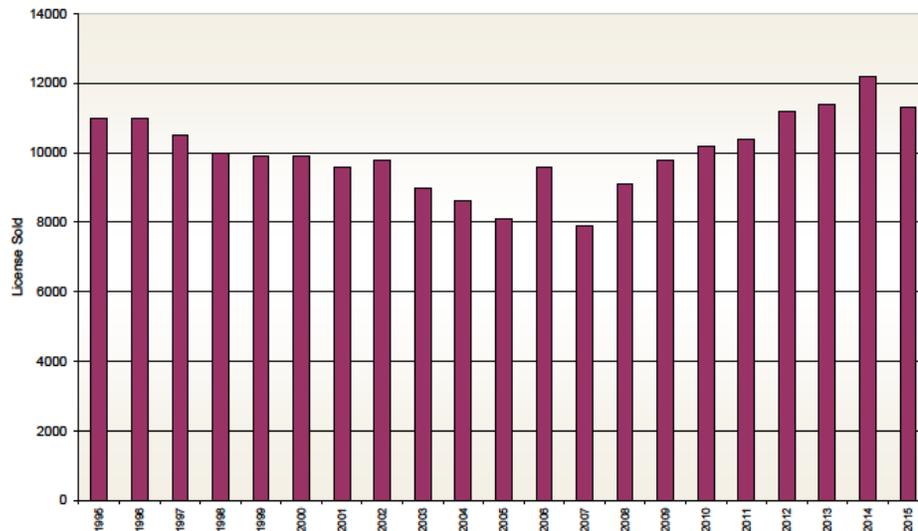
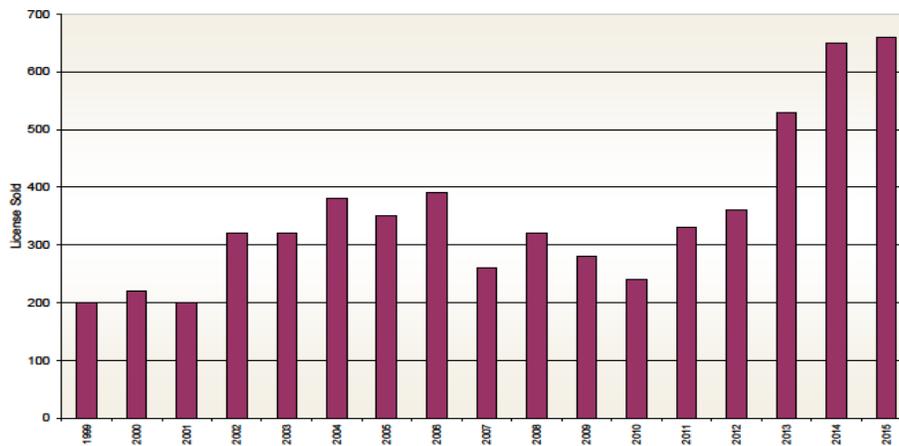


Figure 4.3, Non- Resident Hunting License Sales Trend



Revenue derived from the Wildlife Revolving Fund over a fifteen year segment was as follows:

Fiscal Year	Revenue	Fiscal Year	Revenue
2001-2002	\$216,798	2009-2010	\$150,012
2002-2003	\$339,257	2010-2011	\$146,847
2003-2004	\$345,338	2011-2012	\$187,268
2004-2005	\$324,935	2012-2013	\$167,345
2005-2006	\$394,174	2013-2014	\$178,789
2006-2007	\$390,924	2014-2015	\$222,194
2007-2008	\$270,079		
2008-2009	\$168,693		

**Economic Benefits**

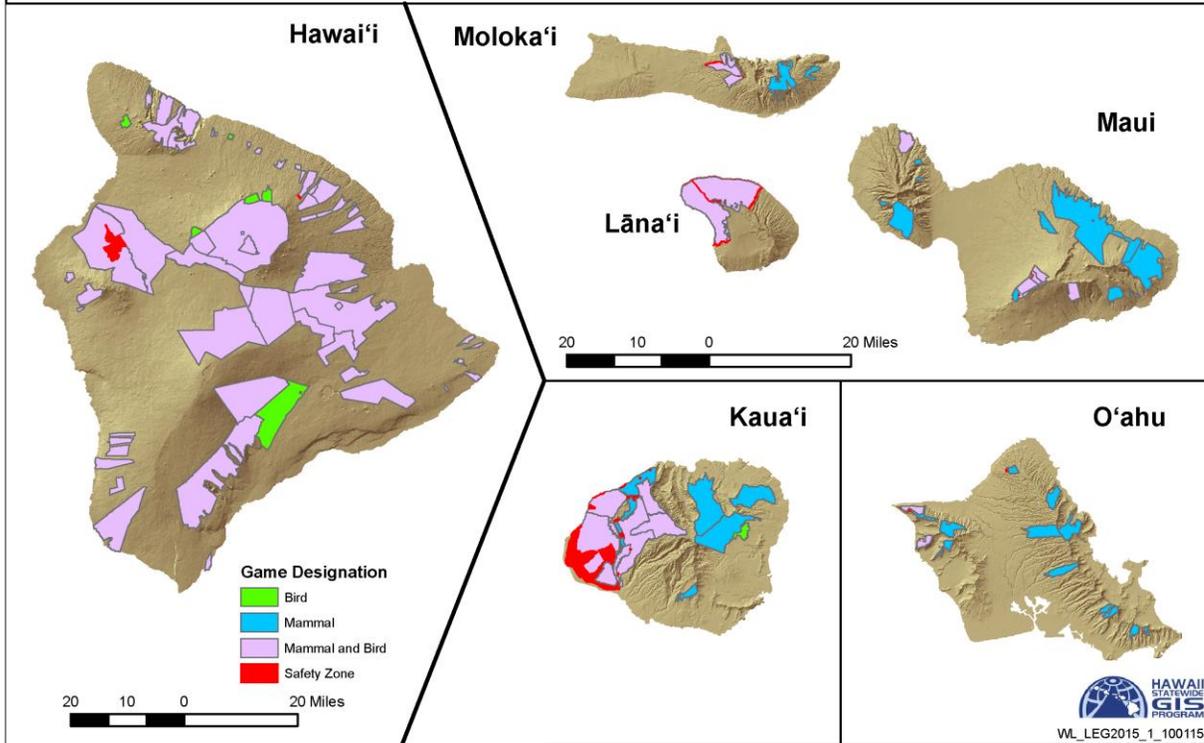
In addition to providing recreation and supporting a chosen lifestyle for many residents, hunting provides an economic benefit to the state. Hunting in America is big business. It generates more than \$67 billion in economic output and more than one million jobs. The top 10 states all receive over \$ 1 billion annually in economic benefit from hunting. The top two, Texas and Pennsylvania, which actively promote hunting, receive triple and double that amount, respectively (IAFWA 2001).

Hawaii, Montana, Maine and Idaho are states of similar population. Montana, Maine, and Idaho actively promote hunting in their states, and realize an average of \$430 million in economic benefit annually. Although Hawaii does not actively promote its game resources, the state economy nevertheless benefits from its hunting programs. The estimated overall economic impact from hunting in Hawaii was \$31 million in 1996 and \$28 million in 2001 (IAFWA 1996), (IAFWA 2001). A modest effort in promotional activities could increase the state's economic benefit substantially.

In addition to the tangible revenue benefit described, hunters provide a no cost service to mitigate the adverse impact of nuisance wildlife, a cost that would otherwise be borne by government agencies. State and local taxes would have to be raised significantly to pay for professionals to make up for the loss of licensed hunters who currently pay a fee to provide the same service. National studies have been made to estimate costs to the public in areas of human health, transportation, safety, agriculture, dwellings, and infrastructure if hunting and trapping were lost as primary wildlife management tools (IAFWA 2005).

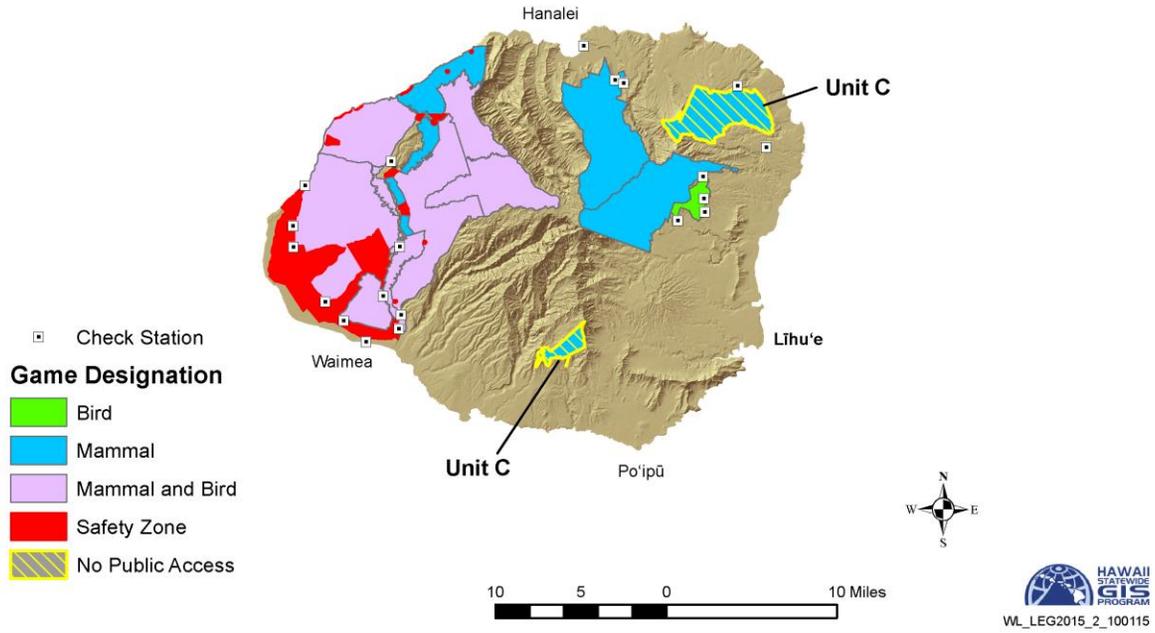


# Hunting Areas Statewide





# Kaua'i Hunting Areas FY 15



## **PROGRAM HIGHLIGHTS, ACCOMPLISHMENTS AND FUTURE PLANS**

### **KAUA‘I BRANCH**

#### **Hunting Season Management**

*Objectives:* Provide hunting information to the public and other Districts through announcements and news releases. Manage public hunting seasons in compliance with Chapter 13-122 Hawai‘i Administrative Rules, regulating game bird hunting and Chapter 13-123 Hawai‘i Administrative Rules regulating game mammal hunting.

*Accomplishments:* WRF monies were used to purchase fuel to operate trucks and other equipment.

#### **Game Operations and Maintenance (O & M)**

*Objectives:* Maintain and expand the capacity to manage water units, fences, hunter checking stations, and other infrastructure necessary for hunting. Improve game operations and maintenance through additional field staffing, adequate equipment and supplies.

*Accomplishments:* WRF monies were used to purchase ring-necked pheasant chicks to be raised and released in the Kekaha Game Management Area.

#### **Motor Vehicle Repairs and Purchase**

*Objectives:* To maintain the District’s Wildlife Management Section motor vehicle fleet in good running condition and expand transportation backup and capacity.

*Accomplishments:* See attachment II.

#### **Commission on Hunting License Sales**

*Objective:* To pay the Kaua‘i hunting license vendors for their commission on the sale of the 2014-15 Hawai‘i Hunting Licenses.

*Accomplishments:* Hunting licenses were available and sold to Kauai license vendors.

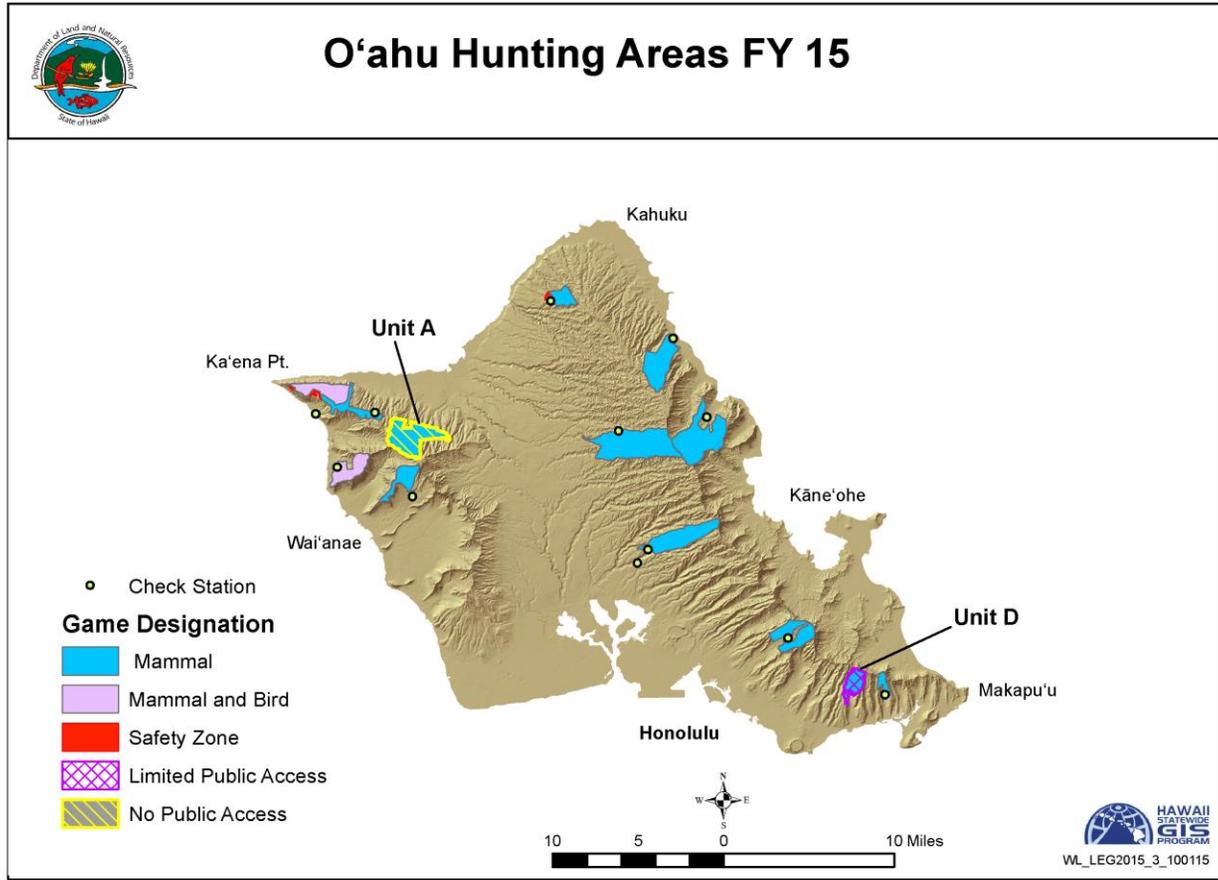
TOTAL WRF Expenditure for Kauai District: See attachment II.

### Future Program Plans

1. Provide for the administrative costs, such as printing and publishing of game tags, permits, announcements of hunting seasons and additions of new hunting areas. - \$7,000 (100% WRF)
2. Incremental development of the proposed Hanahanapuni public shooting/archery range \$20,000 (50% WRF)
3. Continue the artificial game bird release project in the Kekaha and Wailua Game Management Areas. Plan, design, and purchase building materials, equipment and supplies for the complete construction of a game bird rearing facility - \$15,000 (100% WRF)
4. Purchase a four-wheel-drive vehicle to be added to the game program to support all aspects of operations, management, and surveys. \$20,000 (50% WRF)
5. Continue to maintain all wildlife vehicles and equipment used under the Kaua'i game program. \$20,000 (100% WRF)
6. Purchase of construction materials and supplies to maintain existing game management facilities, including fences, gates, water units, feeding sites, restrooms, storage buildings, and hunter checking stations. \$20,000 (50% WRF)
7. Provide air logistical support to conducts surveys, operations and maintenance of the Kaua'i game management program. \$20,000 (50% WRF)
8. Provide new hunter access routes to several hunting units. 20,000 (50% WRF).



# O'ahu Hunting Areas FY 15



## O‘AHU BRANCH

### Game Management on O‘ahu.

*Objectives:* To maintain and enhance wildlife habitat and facilities on O‘ahu public hunting areas (PHA’s), GMA’s, and wildlife sanctuaries; and to improve game bird and game mammal hunting opportunities on O‘ahu.

*Accomplishments:* Funding was used to provide gamebirds and manage habitat for gamebird hunting on Oahu

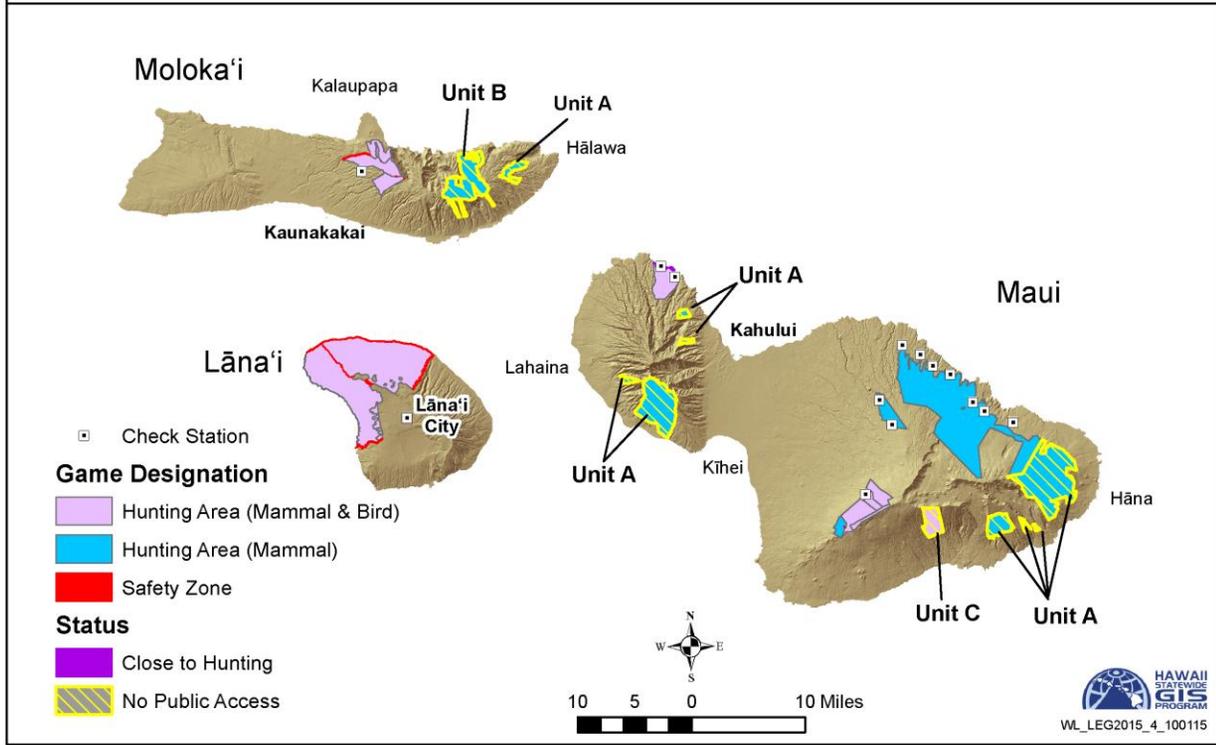
- Facilitated the gamebird release program, which provided 350 Ring-Necked Pheasants and 52 Erckel’s Francolins
- Spread 1500lbs. of wild bird feed on in the Kuaoakalā GMA during the gamebird hunting season to attract birds into the hunting area and provide supplemental feed for released gamebirds.

### Future Program Plans

1. Restore revenue from the sale of hunting tags, stamps, and fees and fill vacant WRF General Laborer position on O‘ahu Branch.
2. Fund a WRF Wildlife Biologist position to perform tasks targeted towards ongoing management of O‘ahu District wildlife management areas - \$75,000 (100% WRF).
  - The bulk of the work for the Biologist Position will be to secure and or gain new legal access to current inventoried lands that have no public access easements.
  - The position will also work directly with hunters to understand and quantify hunter usage to guide State Hunting Programs
3. Purchase gamebirds from farmers and day-old chicks from mainland hatcheries to release into the GMA’s - \$6,000 (100% WRF).
4. Purchase equipment and supplies needed for ongoing Operations & Maintenance in O‘ahu Wildlife Management Areas - \$15,000 (100% WRF).
5. Through partnerships with the University of Hawaii, fund graduate level research to understanding the socio-economic impacts of Hawaii Hunters.



# Maui, Molokai, and Lanai Hunting Areas FY 15



## MAUI BRANCH

### Lease of Cooperative Game Management Area-Lanai

*Objective:* Provide 30,000 acres of land on Lanai for sport hunting and wildlife management.

*Accomplishment:* The entire annual lease rental for the Lanai Cooperative Game Management Area was paid via WRF monies. This area provided hunters the opportunity to pursue Axis Deer, Mouflon Sheep, and a variety of game birds.

Expenditures: \$35,000.00

### Game Mammal Aerial Survey:

*Objective:* Annual game mammal survey of the Lanai CGMA and private portions of Lanai Island. Staff from Maui led survey effort.

*Accomplishments:* An aerial survey of the Lanai CGMA and the Pulama Lanai hunting area was conducted on September 4-5, 2014.

Within the Lanai CGMA, a total of 602 Axis deer were counted on the survey resulting in an estimated population of 1,619 animals. 531 Mouflon sheep were counted, with the estimated population at 1,428 animals.

Within the Pulama Lanai hunting area a total of 789 Axis deer was counted, bringing the estimated population to 2,122 animals. 209 Mouflon sheep were counted, resulting in an estimated population of 562 animals.

### Contract Services-Data/Lanai Hunts

*Objective:* With the shortage of clerical staff, coupled with high interest and participation in the Lanai Axis deer and Mouflon sheep hunts on Lanai, it became necessary to contract outside support to assure all lottery and non-lottery hunt applications were processed in a timely manner.

*Accomplishment:* A total of 7,000 hunter applications were received for the two Lanai hunts. All applicant data was entered and duplicate applications identified and deleted. Due to the assistance of contract services, all applications for the Axis deer and Mouflon sheep hunts were properly processed, lotteries conducted and results compiled and disseminated in a timely manner.

### Staff Expenses

*Objective:* General laborer position is needed on Lanai to assist the Lanai Forestry and Wildlife Technician with the upkeep and maintenance of 30 miles of water unit pipeline and 54 miles of access roads in the Cooperative Game Management Area. Hunting activities and hunter check in on Lanai occurs after normal operating hours. Overtime is paid to the Lanai technician and general laborer to accommodate hunters.

*Accomplishment:* Funding for the general laborer position is partially funded by the Wildlife Revolving Fund. This position allowed facilities on Lanai to be properly maintained, serviced and free of any major problems.

Overtime for both the Mouflon and Axis deer hunts were approved. Check in of hunters was done in a timely fashion.

#### Management of the Lottery Hunts-Lanai

*Objective:* The processing and printing of documents for the Axis deer and Mouflon sheep hunts on Lanai. Shipment of instruction sheets and applications for the two hunts to the outer districts. Tags for both hunts were also purchased during this fiscal year.

*Accomplishment:* Application cards, instruction sheets, and addendums were printed and distributed to all districts and lotteries conducted.



#### Game Mammal Facilities O & M-Lanai

*Objective:* Rental of dumpster(s) during the Axis deer and Mouflon sheep seasons for hunters to dispose of carcasses. Materials required for the hunting program to function needed to be purchased.

*Accomplishment:* Two (2) dumpsters were rented for each of the two (2) hunts. This provided the hunting community with the facilities to dispose of animal carcasses.



### Commissions on Hunting License Sales

*Objective:* The Wildlife Revolving Fund was used to pay commission to Vendors for the sales of the 2013-2014 Hawaii hunting licenses.

Expenditure: See table on page 2.

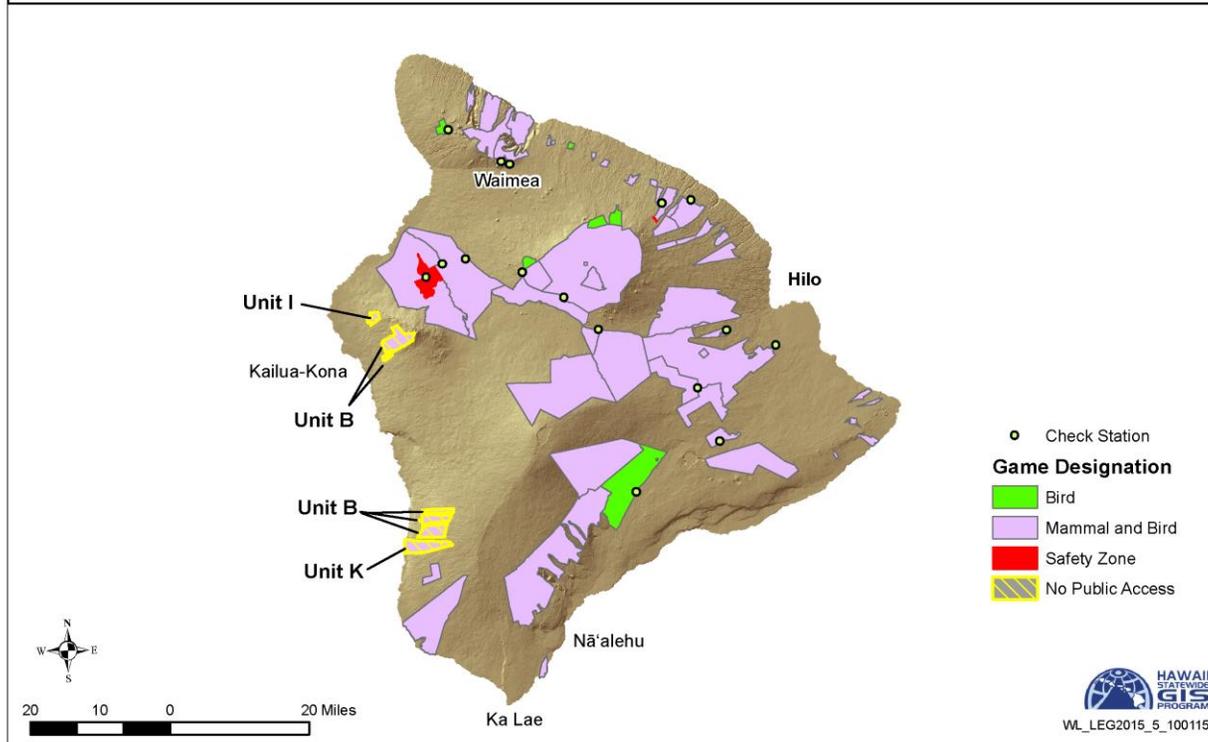
Total WRF expenditures for Maui District were: See attachment II.

### Future Program Plans

1. Fund Rental of Lease on Lanai - \$35,000.00 (100% WRF)
2. Fund Lanai Check Station overtime for FWT V position-\$8,000.00 (100% WRF)
3. Fund GL I position for Lanai for facility upkeep and maintenance-\$55,000.00 (100% WRF)
4. Fund game mammal facilities development and O & M on Lanai-\$55,000.00 (100% WRF)
5. Fund game mammal surveys on Lanai -\$15,000.00 (100% WRF)
6. Fund Management of Lottery Hunts on Lanai; document printing, data input and drawings-\$15,000.00 (100% WRF)
7. Fund signage for areas closed to hunt \$1,000.00 (100% WRF)
8. Fund clerk position for Lanai Check Station work-\$25,000.00 (100% WRF)
9. Develop computer generated lottery for Lanai hunts – \$50,000.00 (50% WRF)



# Hawaii Island Hunting Areas FY 15



## EAST HAWAI‘I DISTRICT

### General Laborer Position:

*Objectives:* Pursue duties pertaining to Hilo watershed wild cattle control, hunter checking stations, and nēnē habitat renewal.

*Accomplishments:* Due to limited funding, general laborer position was kept vacant.

### Wildlife O & M:

*Objectives:* To maintain the Kīpuka ‘Āinahou Lease.

*Accomplishments:* Due to ongoing negotiations to extend the lease, no payment was made to the Department of Hawaiian Homelands for Fiscal Year 2015.

### Commissions on Hunting License Sales:

*Objective:* To pay commissions to vendors on the island of Hawai‘i for sales of the 2014-2015 Hawai‘i hunting licenses.

*Accomplishment:* Hunting licenses were available at vendors and commissions were paid.

### Motor Vehicle Repairs, Maintenance, and Equipment

*Objective:* To maintain trucks in service for WRF purposes.

*Accomplishment:* Vehicles remained functional with no debts to WRF for maintenance.

### Future Program Plans

1. Remove gorse from Kīpuka ‘Āinahou lease area
2. Continue to employ a part-time general laborer to help expand hunter checking station coverage, remove gorse from the Kīpuka ‘Āinahou lease.

## WEST HAWAI‘I DISTRICT

### Game Operations and Maintenance

*Objective:* Conduct predator control activities, the maintenance of game related facilities such as guzzlers, increase road maintenance and habitat management capacity for the West Hawai'i District while maintaining more than 60 miles of hunter access roads.

*Accomplishment:* All O & M activities were accomplished without use of WRF monies.

### Game Program Coordination

*Objective:* The district staff assisted K-Mart, Sports Authority, Wal-Mart and other vendors in Kona with hunting license sales and training (these being the only outlets for the public to purchase hunting licenses in Kona other than the DOFAW office 40 miles away in Kamuela).

*Accomplishment:* The district's secretary assisted with training of vendors in Kailua-Kona store staff in hunting license sales. During anticipated increase in hunting license sales traffic at these establishments, the secretary assisted with license sales and dissemination of information pertinent with upcoming seasons.

### Temporary Hire of ½-Time General Laborer

*Objective:* To assist the districts wildlife staff in the operations and maintenance of projects and to provide predator control at various locations.

*Accomplishment:* A part-time General Labor I position was paid for out of this special fund, and assisted in predator control, trapping of mongooses, feral cats, and feral dogs, maintained water units and water supply facilities, assisted with invasive plant control. The GL's also assisted with predator control at the Big Island Country Club and Puu Waawaa Ranch for nēnē enhancement.

### Motor Vehicle Repairs, Maintenance, and Equipment

*Objective:* To maintain trucks in service for WRF purposes.

*Accomplishment:* Vehicles remained functional with no debts to WRF for maintenance.

### Future Program Plans

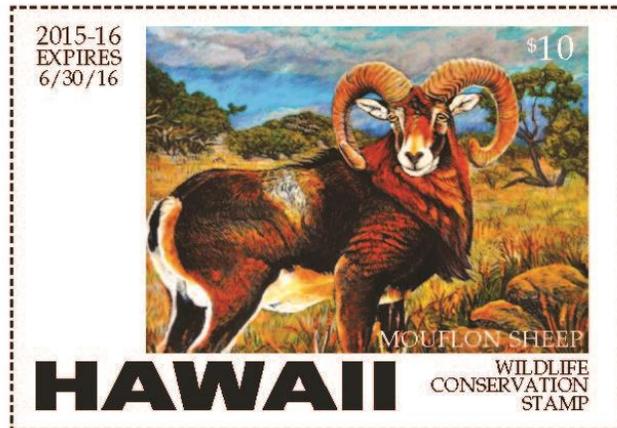
1. Restore equipment purchase, vehicle purchase and maintenance, and facilities construction functions from the WRF, as funds accrue from the sale of hunting licenses, stamps, tags and fees. \$35,000 (100% WRF)
2. Provide for the administrative costs, such as printing and publishing of game tags, permits, announcements of hunting seasons and additions of new hunting areas. - \$10,000 (100% WRF)
3. Once funding is available, improve game habitat projects in GMAs and appropriate areas by installing water units, food plots and improving cover. \$50,000 (100% WRF)
4. Continue part-time General Laborer I position.
5. Fund a full time Wildlife Biologist III position. \$55,000 (100% WRF)

## STATEWIDE ADMINISTRATIVE SEGMENT

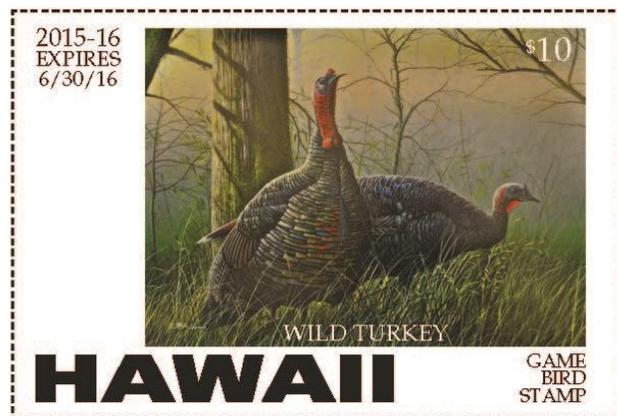
### Hunting License, Wildlife Conservation Stamp, and Game Bird Stamp Production, Program Sales, and Management:

*Objective:* To produce and distribute required hunting licenses, duplicate licenses, stamps, and vendor booklets. A portion of the production costs were paid with WRF monies.

*Accomplishment:* Produced and distributed vendor booklets, hunting licenses, conservation stamps, game bird stamps, tags and duplicate hunting licenses. Finalized and distributed the newly revised and approved Game Mammal (Ch. 123) and Game Bird (Ch. 122) Hunting Rules for the State of Hawaii, Division of Forestry and Wildlife. The new rule changes have allowed for the insertion of several new hunting units to Hawaii Island for Game Bird hunting in addition to allowing the department to collect fees for conservation stamps, game bird stamps, tags and application fees.



Art Contest Winner- 2015-16 Conservation Stamp



Art Contest Winner- 2015-16 Game Bird Stamp

### Notification of Hunting Season Openings and Changes:

*Objective:* Communicate any changes in repetitive hunting seasons and announce new or special hunting opportunities as required by rules.

*Accomplishment:* Several legal notices announcing new animal control opportunities for hunters were produced and a series of announcements and news releases were produced for hunting seasons.

### Statewide Game Land Access and Acquisition

The Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife (DOFAW/Division), manages over 1,000,000 acres of state land for wildlife-dependent recreation and conservation, and demand is growing for public hunting on these public lands. However, over half of all land in Hawaii is privately owned, and private landowners—as well as other public landowners—frequently block public access to substantial portions of the DOFAW lands that are designated for public hunting. In order to expand opportunities for public hunting and other wildlife-dependent public uses, it is imperative that DOFAW (1) sustain and optimize public use of areas that are already accessible; (2) establish public access to areas that are not accessible; and (3) acquire new land for public use. If DOFAW does not satisfy the growing demand for access to public hunting areas, and if hunting pressure is not applied across a larger landscape, then game animals will become especially scarce in existing hunting areas and will cause more damage on inaccessible public and private lands. DOFAW's partnership with the hunting community to manage ungulate populations will weaken, and hunter safety and satisfaction will decline due to the lack of adequate space for hunting activities.

### Future Program Plans

1. Produce and distribute required hunting licenses, duplicate licenses, stamps, and vendor booklets.
2. Restore revenue from the sale of hunting tags, stamps, and fees to support the statewide game program.
3. Publish notification of game bird and game mammal hunting season announcement.
4. Continue to extend and renew existing leases, licenses, and other access agreement.
5. Acquire fee title or agricultural / conservation easements for key land parcels to improve access and enhance opportunities for public hunting, public recreation, and wildlife management.

## GAME BIRDS OF HAWAII



Ring-necked Pheasant



California Valley Quail



Japanese Quail



Chukar Partridge



Grey Francolin



Black Francolin



Spotted Dove



Barred Dove



Wild Turkey



Gambel's Quail



Erckels Francolin



Green Pheasant



White-winged Pheasant



## GAME MAMMALS OF HAWAII



Hawaii Feral Pig



Hawaii Feral Goat



Hawaii Feral Sheep



Hawaii Axis Deer



Mouflon



Hawaii Black Tailed Deer



**ATTACHMENT I, WILDLIFE REVOLVING FUND EXPENDITURE  
CATEGORIES**

1. Development, improvement and management of existing and new public hunting and game management facilities including installing or maintaining hunter access roads, checking stations, fences, gates, stiles, cattle guards, entry/safety/boundary signs and markers, parking lots, sanitary facilities, water tanks, and campsites.
2. Sanctuary facilities including fences, moats water control structures, pumps, ditches, nesting sites, holding pens, boardwalks, viewing kiosks, water devices, parking lots, sanitary facilities and entry and interpretive signs.
3. Wildlife habitat improvements including game bird and mammal watering units, food plots, vegetation clearing and mowing, non-game/endangered species enclosures, exclosures, noxious weed control, mowing and nest sites; and wildlife predator control, water quality testing and rehabilitation.
4. Personnel hires for wildlife management and hunter education including Wildlife Management Assistants and General Laborers (for hunter check station operation, public hunting area management, pest plant control, predator control, habitat development, and posting signs and markers) computer technicians (for public hunting lotteries) and hunter education specialists.
5. Wildlife management equipment including tractors, bulldozers, all-terrain vehicles, collecting arms, radios, outboard motors, small boats, binoculars, trucks and 4-wheel drive vehicles.
6. Development and operation of public shooting ranges in conjunction with the Hunter Education Program.
7. Research, surveys, and inventories for game and non-game endangered species, including rental of helicopters, infrared technology, temporary hires, equipment rental, materials and supplies, and contracts for studies (game birds, forest birds, water birds, seabirds, Hawaiian bat, owls, disease, genetics, food habits, ungulates, limiting factors, etc. )
8. Public education on wildlife management including development of the “Wilderness Watch” program, providing maps and area informational leaflets, interpretative facilities, at game management areas and wildlife sanctuaries, and technical assistance to the public on wildlife management.
9. Rental of land for public hunting and wildlife management.
10. Law enforcement.

Fee schedule for hunting licenses, wildlife conservation stamps, applications, permits, and tags for special lottery or hunts.

<b>Island</b>	<b>Item</b>	<b>Resident</b>	<b>Non-resident</b>
All islands statewide	Hunting License*	\$10	\$95
	Wildlife Conservation Stamp	\$10	\$10
Kauai	Black Tailed Deer Hunts Rifle Tag Application	\$5	\$5
	Rifle Tag	\$10	\$25
	Muzzleloader Permit Tag	\$5	\$25
	Archery Permit Tag	\$5	\$25
	Feral Goat Hunts Rifle Lottery Tag Application (Unit B)	\$5	\$10
	Rifle Lottery Tags (Unit B)	\$10	\$25
	Muzzleloader Permit Tags (Unit A & F)	\$10	\$25
	Annual Archery Permit (Unit G, F & K)	\$5	\$25
	Feral Pig Hunts Season Permit	\$5	\$25
	Special Hunts Application	\$5	\$5
	Goat/Deer/Pig Permit (Unit E & H)	\$10	\$25
	Goat/Pig Animal Control (Unit G)	\$10	\$25
	Lanai	Mouflon sheep season lottery Application	\$10
Mouflon sheep season tag		\$20	\$125
Axis Deer season lottery application		\$10	\$10
Axis Deer season tag		\$20	\$125
Hawaii	PuuWaawaa feral sheep or goat tag	\$10	\$25
	Puanahulu feral sheep or goat tag	\$10	\$25

\*Free to all Hawaii residents 65 years or older and to all persons with Hansens disease who are residents of Kalaupapa, Molokai

**ATTACHMENT II. WILDLIFE REVOLVING  
FUND EXPENDITURES**

<b>Oahu Administration</b>	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$0.00	\$2,105.50	\$2,105.50
Personnel	\$0.00	\$0.00	\$0.00
Transportation Intra-state	\$370.80	\$0.00	370.80
Printing and Binding	\$4,209.89	0.00	\$4,209.89
Postage	\$1,900.00	0.00	\$1,900.00
Subsistence, Meals	\$40.00	\$0.00	\$40.00
Hire of Passenger Car	\$49.00	\$0.00	\$49.00
<b>Total</b>	<b>\$6,567.69</b>	<b>\$2,105.50</b>	<b>\$8,673.19</b>

<b>Oahu</b>	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$0.00	\$0.00	\$0.00
Personnel	\$0.00	\$0.00	\$0.00
R&M Equipment and Motor Vehicles	\$0.00	\$0.00	\$0.00
Printing and Binding	\$0.00	\$0.00	\$0.00
Services on a fee basis	\$1,559.50	\$0.00	\$1,559.50
Rental or Lease	\$0.00	\$0.00	\$0.00
Operating Supplies for animals	\$4,712.90	\$0.00	\$4,712.90
<b>Total</b>	<b>\$6,272.40</b>	<b>\$0.00</b>	<b>\$6,272.40</b>

<b>West Hawaii</b>	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$0.00	\$0.00	\$0.00
Personnel	\$30,154.93	\$0.00	\$30,154.93
Services on a fee basis	\$0.00	\$0.00	\$0.00
Travel	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,154.93</b>	<b>\$0.00</b>	<b>\$30,154.93</b>

<b>East Hawaii</b>	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$0.00	\$0.00	\$0.00
Personnel	\$0.00	\$0.00	\$0.00
Service on a Fee Basis	\$1,814.00	\$0.00	\$1,814.00
<b>Total</b>	<b>\$1,814.00</b>	<b>\$0.00</b>	<b>\$1,814.00</b>

<b>Maui</b>	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$3,983.00	\$0.00	\$3,983.00
Personnel	\$1,301.62	\$0.00	\$1,301.62
Operating Supplies Motor Vehicle	\$0.00	\$150.00	\$150.00
Travel	\$450.00	\$0.00	\$450.00
Rental	\$200.00	\$0.0	\$200.00

Services on a fee basis	\$1,629.50	\$43.79	\$1,673.29
<b>Total</b>	<b>\$7,564.12</b>	<b>\$193.79</b>	<b>\$7,757.91</b>
<b>Molokai</b>			
	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating Supplies Motor Vehicle	\$731.89	\$342.49	\$1,114.38
Services on a fee basis	\$65.00	\$0.00	\$65.00
<b>Total</b>	<b>\$796.89</b>	<b>\$382.49</b>	<b>\$1,179.38</b>
<b>Lanai</b>			
	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Personnel	\$53,474.30	\$0.00	\$53,474.30
Operating	\$8,220.82	\$11,363.66	\$19,584.48
Printing and Binding / Postage	\$2,819.14	\$0.00	\$2,819.14
Travel	\$685.41	\$0.00	\$685.41
Rental and Lease	\$44,092.72	\$0.00	\$44,092.72
Services on a fee basis	\$0.00	\$2,143.79	\$2,143.79
Equipment and Machinery	\$0.00	\$0.00	\$0.00
Motor Vehicle Operating Supplies	0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$109,292.39</b>	<b>\$13,507.45</b>	<b>\$122,799.84</b>
<b>Kauai</b>			
	<b>Expenditures</b>	<b>Encumbrances</b>	<b>Total</b>
Operating	\$976.39	\$0.00	\$976.39
Motor Vehicle Operating Supplies	\$6,139.37	\$0.00	\$6,139.37
R&M Equipment	\$0.00	\$0.00	\$0.00
R&M Supplies Motor Vehicle	\$0.00	\$0.00	\$0.00
Office Supplies	\$94.50	\$0.00	\$94.50
Travel	\$0.00	\$0.00	\$0.00
R&M Motor Vehicle	\$0.00	\$0.00	\$0.00
Services on a fee basis	\$862.00	\$0.00	\$862.00
<b>Total</b>	<b>\$8,072.26</b>	<b>\$0.00</b>	<b>\$8,072.26</b>
<b>TOTAL</b>	<b>\$170,534.68</b>	<b>\$16,189.23</b>	<b>\$186,723.91</b>