

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Forestry and Wildlife
Honolulu, Hawaii 96813

December 12, 2008

Chairperson and Members
Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Land Board Members:

SUBJECT: Approval in Concept for the Re-designation of the Makua-Keaau Public Hunting Area, TMK (1) 8-3-001:009 & 018, comprising approximately 584 Acres, to the Makua-Keaau Forest Reserve, Ohikilolo Valley, Waianae District, Oahu.

Background: Public hunting areas represent an important component of the Division's management and provision of recreational opportunities for the people of Hawaii. At its meeting of October 23, 2003, under agenda item D-9, the Board authorized the set-aside of approximately 584 acres from pasture lease permit use to the Division of Forestry and Wildlife in order for the Division to manage the lands as a game bird area – a recommendation that was ultimately finalized via Governor's Executive Order No. 4172 (Exhibit A). The subject lands are immediately adjacent to, and makai of, the existing Makua-Keaau Forest Reserve

Discussion: The Division remains dedicated to the intent of managing the subject lands primarily as game bird habitat. However, for this particular set aside, the "Public Hunting Area" (PHA) designation specified by Executive Order No. 4172 essentially placed the lands into a unique land management category that does not exist among those typically managed by the Division, such as "Forest Reserve" or "Game Management Area," among others. Though PHA are supported by their own rules (Hawaii Administrative Rules Title 13, Chapters 122 and 123) that provide enforcement guidelines primarily relating to game animals and hunting, PHA do not exist as a land designation with their own supporting statutes. Instead PHA are generally management overlays for other official land-use designations employed by the Division.

In addition to the primary use of game management, the Division envisions conducting reforestation and game habitat restoration activities in the subject area, and believes that of the land use designations available, that Forest Reserve status would represent the most effective land designation in support of these collective activities. Changing the status of this parcel would place the area under broad forest reserve management guidelines and afford it the

protection of the statutes and administrative rules that exist for the Forest Reserve System. In addition, the Division's Public Hunting Area overlay would still be applied to the subject lands.

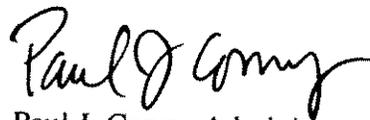
The Division therefore seeks the cancellation of Executive Order 4172, to be replaced with a new executive order incorporating the subject lands into the Forest Reserve System as an addition to the Makua-Keaau Forest Reserve.

Recommendations:

That the Board:

1. Approve of and recommend to the Governor cancellation of Executive Order 4172 and issuance of an Executive Order to re-designate TMK parcels (1) 8-3-001:009 & 018 as a set aside to the Division of Forestry and Wildlife, for addition to Makua-Keaau Forest Reserve, Waianae District, Oahu, with the stipulation that the subject lands continue to be managed in accordance with the intent, terms and conditions of the Board's October 23, 2003 approval of item D-9.
2. Authorize the Division of Forestry and Wildlife to conduct a public hearing to add the subject lands to the Makua-Keaau Forest Reserve, under provisions of Section 183-11, Hawaii Revised Statutes, as amended.
3. Authorize the Chair to set a time, date and location for a public hearing and appoint a hearing master.

Respectfully Submitted,



Paul J. Conry, Administrator

Attachment

APPROVED FOR SUBMITTAL:



Laura H. Thielen, Chairperson

LINDA LINGLE
GOVERNOR OF HAWAII



COPY

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
MINISTER OF WATER RESOURCES MANAGEMENT

ROBERT K. MASUDA
DEPUTY CHAIRPERSON

DEAN NAKANO
MINISTER OF WATER RESOURCES MANAGEMENT

DEAN NAKANO
MINISTER OF WATER RESOURCES MANAGEMENT
BUREAU OF CONSERVATION
COMMISSION ON WATER RESOURCES MANAGEMENT
COMMISSION ON COASTAL AND CLIMATE MANAGEMENT
COMMISSION ON FORESTRY AND WILDLIFE MANAGEMENT
COMMISSION ON HISTORIC PRESERVATION
COMMISSION ON LAND AND NATURAL RESOURCES MANAGEMENT



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

SEP 12 2006

Ref. No.: EO 4172
Author: LD-cu

MEMORANDUM

TO: Paul Conry, Administrator
Division of Forestry and Wildlife

FROM: Peter T. Young, Chairperson
Board of Land and Natural Resources

SUBJECT: Governor's Executive Order No. 4172 Setting Aside Lands, Waianae, Oahu, Tax Map Key: (1) 8-3-1:9 and 18

Enclosed for your records is one copy of Governor's Executive Order No. 4172 setting aside 584.34 acres.

The Division of Forestry and Wildlife (DOFAW) has requested the subject parcels for addition to the Makua-Keaau Public Hunting Area to provide additional acreage for recreational game bird hunting. These parcels have been degraded over the years by uncontrolled grazing activity. DOFAW plans to improve the control of grazing activity to properly manage the range. Rotational grazing will benefit the quality of the Ohikilolo watershed by reducing erosion and sediment runoff.

At its meeting of October 24, 2003, under agenda item D-9 (copy enclosed), the Board of Land and Natural Resources approved of and voted to recommend to the Governor the issuance of the subject executive order.

If there are any questions, please feel free to contact Charlene Unoki at 587-0433. Thank you.

Enclosures

cc: Land Board Member
Central Files
District Files

Department of Land and Natural Resources, Division of Forestry and Wildlife, being that parcel of land situate at Keaau, Waianae, Oahu, Hawaii, identified as "Makua-Keaau Public Hunting Area," being all of Lot 5-C as shown on Map 2 of Land Court Application 197 filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii and covered by original Certificate of Title No. 423 issued to the State of Hawaii, and portion of the Government (Crown) Land of Keaau including Lots 3 and 4 of Keaau Homesteads, containing a gross area of 586.73 acres, more or less, and a net area of 584.34 acres, more or less, after exclusions, more particularly described in Exhibit "A" and delineated on Exhibit "B," both of which are attached hereto and made parts hereof, said exhibits being respectively, a survey description and survey map prepared by the Survey Division, Department of Accounting and General Services, State of Hawaii, both being designated C.S.F. No. 24,289 and dated June 29, 2006.

SUBJECT, HOWEVER, to the condition that upon cancellation of this executive order or in the event of non-use or abandonment of the premises or any portion thereof for a continuous period of one (1) year, or for any reason whatsoever, the State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife shall, within a reasonable time, restore the premises to a condition satisfactory and acceptable to the Department of Land and Natural Resources, State of Hawaii.

SUBJECT, FURTHER, to disapproval by the Legislature by two-thirds vote of either the Senate or the House of Representatives or by majority vote of both, in any regular or special session next following the date of this Executive Order.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Hawaii to be affixed. Done at the Capital at Honolulu this 20th day of August, 2006.

[Signature]

[Signature]
Governor of the State of Hawaii
4

APPROVED AS TO FORM:

[Signature]
Deputy Attorney General
Dated: August 11, 2006

STATE OF HAWAII

Office of the Lieutenant Governor

THIS IS TO CERTIFY That the within is a true copy of
Executive Order No. 4172 setting aside land for public
purposes, the original of which is on file in this office.

IN TESTIMONY WHEREOF, the Lieutenant
Governor of the State of Hawaii, has
hereunto subscribed his name and caused
the Great Seal of the State to be affixed.



DONE in Honolulu, this SEP 01 2006 day of

_____, A.D. 2006



STATE OF HAWAII

SURVEY DIVISION

DEPT. OF ACCOUNTING AND GENERAL SERVICES
HONOLULU

C.S.F. No. 24 289

June 29, 2006

MAKUA-KEAAU PUBLIC HUNTING AREA

Keaau, Waianae, Oahu, Hawaii

Comprised of the following:

- A. Being all of Lot 5-C as shown on Map 2 of Land Court Application 197 filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii and covered by Original Certificate of Title No. 423 issued to the State of Hawaii.
- B. Portion of the Government (Crown) Land of Keaau including Lots 3 and 4 of Keaau Homesteads.

Beginning at the Government Survey Triangulation Station "KEPUHI NEW", said station being on top of ridge and on the southerly boundary between the land of Keaau and Lot 1615 as shown on Map 212 of Land Court Application 1052, thence running by azimuths measured clockwise from True South:-

1. 68° 39' 30" 1326.75 feet along Lot 1615 as shown on Map 212 of Land Court Application 1052;
2. 158° 39' 30" 20.45 feet along Grant 7559 to Agnes Chung Hoon;
3. Thence along the base of rocky pali, being also along Grant 7559 to Agnes Chung Hoon, the direct azimuth and distance being:
192° 15' 2929.4 feet;

- | | | | |
|-----|----------|--------|--|
| 4. | 170° 32' | 1355.5 | feet along Grant 8499 to Ralph James Wight; |
| 5. | 219° 05' | 911.7 | feet along Grant 8499 to Ralph James Wight; |
| 6. | 173° 32' | 976.7 | feet along Grant 7558 to Fred L. Fernandez; |
| 7. | 217° 46' | 1314.5 | feet along Grant 7558 to Fred L. Fernandez; |
| 8. | 288° 16' | 1093.5 | feet along Lot 5-B as shown on Map 2 of Land Court Application 197; |
| 9. | 176° 25' | 848.0 | feet along Lot 5-B as shown on Map 2 of Land Court Application 197; |
| 10. | 100° 52' | 314.5 | feet along Lot 5-B as shown on Map 2 of Land Court Application 197; |
| 11. | 173° 43' | 406.0 | feet along Lot 5-B as shown on Map 2 of Land Court Application 197; |
| 12. | 217° 32' | 262.9 | feet along Lot 5-B as shown on Map 2 of Land Court Application 197; |
| 13. | 284° 21' | 158.5 | feet along Lot 5-E as shown on Map 2 of Land Court Application 197; |
| 14. | 176° 25' | 121.6 | feet along Lots 5-E and 5-D as shown on Map 2 of Land Court Application 197; |
| 15. | 295° 50' | 26.0 | feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle; |
| 16. | 280° 45' | 345.0 | feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle; |

- 17. 268° 25' 303.0 feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle;
- 18. 281° 55' 270.0 feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle;
- 19. 287° 50' 328.0 feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle;
- 20. 259° 42' 1195.0 feet along R. P. 4540, L. C. Aw. 2937, Apana 4 to W. Harbottle;
- 21. 356° 25' 2408.4 feet along Grant 9505 to Thomas H. M. Mackenzie;
- 22. 53° 51' 957.8 feet along Makua-Keaau Forest Reserve, Governor's Proclamation dated December 19, 1925;
- 23. 14° 31' 923.0 feet along Makua-Keaau Forest Reserve, Governor's Proclamation dated December 19, 1925;
- 24. 351° 11' 30" 2296.5 feet along Makua-Keaau Forest Reserve, Governor's Proclamation dated December 19, 1925 to Government Survey Triangulation Station "BURNS 1927";

Thence along ridge, being also along Lot 1615 as shown on Map 212 of Land Court Application 1052 for the next two (2) courses, the direct azimuths and distances between said ridge being:

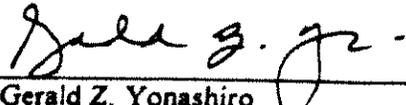
25. 72° 40' 2634.9 feet;

C S F. No. 24,289

June 29, 2006

26. 44° 29' 1099.6 feet to the point of beginning and containing a GROSS AREA OF 586.73 ACRES, MORE OR LESS and a NET AREA OF 584.34 ACRES, MORE OR LESS after excluding therefrom portion of Keaau Ridge Military Reservation, Presidential Executive Order 5119 (0.09 Acre) and 40-foot Homestead Road (2.30 Acres).

SURVEY DIVISION
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
STATE OF HAWAII

By: 
Gerald Z. Yonashiro
Land Surveyor ml

Compiled from Ld. Ct. Appl. 197,
CSF's 9815 and 11,110 and other
Gov't. Survey Records.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Land Division
Honolulu, Hawaii 96813

October 24, 2003

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

PSF No.: 03OD-158

OAHU

Cancellation of Revocable Permit No. S-5133 and Set Aside to Department of Land and Natural Resources, Division of Forestry and Wildlife for Makua Keaau Public Hunting Area, Ohikilolo Valley, Waianae, Oahu, Tax Map Key: (1) 8-3-01:09 and 18.

APPLICANT:

Department of Land and Natural Resources, Division of Forestry and Wildlife

LEGAL REFERENCE:

Section 171-11 and 171-55, Hawaii Revised Statutes (HRS), as amended.

LOCATION:

Lands situated at Ohikilolo Valley, Waianae, Oahu, identified by Tax Map Key: (1) 8-3-01:09 and 18, as shown on the attached map labeled Exhibit A.

AREA:

584.440 acres, more or less.

ZONING:

State Land Use District: Agricultural/Conservation
City and County of Honolulu CZO: AG-2 General Ag/PI Restricted Preservation

APPROVED BY THE BOARD OF
LAND AND NATURAL RESOURCES
AT ITS MEETING HELD ON
October 24, 2003

ITEM D-9

TRUST LAND STATUS:

Section 5(b) lands of the Hawaii Admission Act
DHHL 30% entitlement lands pursuant to the Hawaii State Constitution: NO

CURRENT USE STATUS:

Tax Map Key: (1) 8-3-001:009 Vacant

Tax Map Key: (1) 8-3-001:018 Revocable Permit No. S-5133 to Albert Silva for
Pasture Purposes from May 1975.

PURPOSE:

Makua Keaau Public Hunting Area purposes.

CHAPTER 343 - ENVIRONMENTAL ASSESSMENT:

This action before the Board is merely a transfer of management jurisdiction and does not constitute a use of State lands or funds, and therefore, this action is exempt from the provisions of Chapter 343, HRS, relating to environmental impact statements. Inasmuch as the Chapter 343 environmental requirements apply to Applicant's use of the lands, the Applicant shall be responsible for compliance with Chapter 343, HRS, as amended.

REMARKS:

The parcel currently vacant was previously encumbered by Revocable Permit No. S-5126 to Elizabeth Marks, etal for pasture purposes. The Land Board at its meeting of June 13, 2003, under agenda item D-26, approved the staff's recommendation to cancel the revocable permit for failure to post the required liability insurance policy.

The Land Board at its meeting of February 14, 1975, under agenda item F-1-k, approved the issuance of a month-to-month revocable permit to Albert Silva for pasture purposes for parcel 18 and Revocable Permit #S-5133 was issued on May 1, 1975. As of this date, all compliance issues for this revocable permit are current. Mr. Silva has indicated an interest in obtaining the Tax Map Key: (1) 8-3-001:009 for additional pasture.

The Division of Forestry and Wildlife (DOFAW) has requested the subject parcels for addition to the Makua Keaau Public Hunting Area, to provide additional acreage for recreational game bird hunting. These parcels have been degraded over the years by uncontrolled grazing activity. DOFAW plans to improve the control of grazing activity to properly manage the range. Rotational grazing will benefit the quality of the Ohikilolo watershed by reducing erosion and sediment runoff.

DOFAW has drafted an outline of the management plan (See Exhibit B) for Ohikilolo Valley.

DOFAW understands Mr. Silva's intent to keep his parcel under revocable permit, but feel that their mission to provide hunting opportunities for the public would be better served if it were under their jurisdiction. They fully intend to give Mr. Silva the opportunity to continue cattle grazing activity, contingent upon his willingness to cooperate with hunting access and range management issues. DOFAW's intent is to integrate cattle grazing activity with hunting, native species restoration and fire mitigation on a valley-wide scale, and there should be plenty of room to accommodate all interested parties.

Landowners of Ohikilolo Ranch on the adjacent property have a new lessee waiting in the wings who has expressed a willingness to cooperate with DOFAW. By incorporating the State-owned lands into the Makua Kaaau Public Hunting Area and working with private owners in the valley, this comprehensive management agenda can be established and realized.

Access to the properties from Farrington Highway is by a 40 foot unimproved road, which is in some areas steep and in need of major repair due to erosion.

The following agencies were solicited for comments:

Historic Preservation Division:

A review of our records shows that there are no known historic sites within these locations. Grazing activity over a number of years has degraded these parcels. The actions proposed will allow for better control over movements of cattle, improve game bird and game mammal habitat, increase native specie diversity and by improving ground cover, reduce erosion protecting the near-shore marine environment. Thus, we believe that this action will result in "no effect" on significant historic sites.

Division of State Parks:

No comments.

Commission on Water Resource Management:

No Objections or Comments.

Office of Conservation and Resources Management:

No Response.

Department of Health, Clean Water Branch:

No Response.

City and County of Honolulu, Department of Planning and Permitting:

We have no objections to the proposed "set aside" for public use of two parcels for the expansion of the Makua Keaau Public Hunting area. The proposed "set aside" would be one step in the process to develop and implement a comprehensive management plan for Ohikilolo Valley by the State Division of Forestry and Wildlife. The multiple objectives and uses of game hunting, habitat enhancement, native species restoration, grazing management, and watershed protection seem consistent with the vision of the Waianae Sustainable Communities Plan to preserve lands north of Kepuhi Point for open space, public access, and public recreation.

City and County of Honolulu, Board of Water Supply

No Response.

Office of Hawaiian Affairs:

OHA has no comment on the project itself. However, we are aware that Albert Silva is a long-time resident of Ohikilolo and may have burials in the area. We suggest that all plans made incorporate protection for any burials that the lessees or their families may indicate are on the parcels in question.

Natural Resources Conservation Services:

No comments.

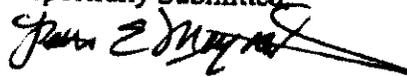
RECOMMENDATION:

That the Board:

1. Authorize the cancellation of Revocable Permit No. S-5133 in the manner specified by law;

2. Approve of and recommend to the Governor the issuance of an executive order setting aside the subject lands to Department of Land and Natural Resources, Division of Forestry and Wildlife under the terms and conditions cited above, which are by this reference incorporated herein and subject further to the following:
 - A. The standard terms and conditions of the most current executive order form, as may be amended from time to time;
 - B. Disapproval by the Legislature by two-thirds vote of either the House of Representatives or the Senate or by a majority vote by both in any regular or special session next following the date of the setting aside;
 - C. Review and approval by the Department of the Attorney General; and
 - D. Such other terms and conditions as may be prescribed by the Chairperson to best serve the interests of the State.

Respectfully Submitted



Patti E. Miyashiro
Land Agent



APPROVED FOR SUBMITTAL:



Peter T. Young, Chairperson

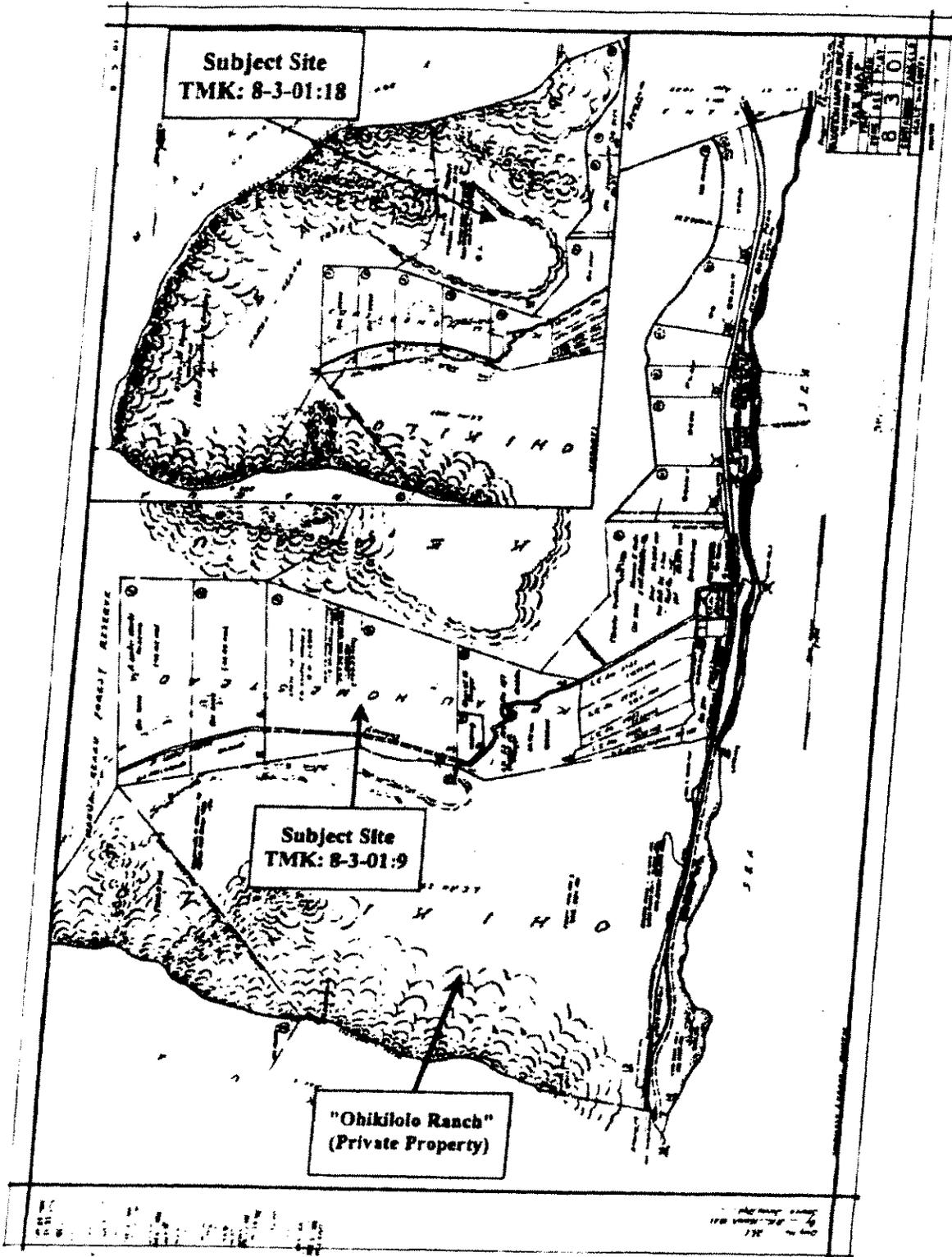


EXHIBIT A

Proposal Title: Ohikilolo Valley Watershed Restoration and Community Development Project

Submitted To: Alpha Kai Corporation

Submitted By: David G. Smith, Oahu Wildlife Manager
State Of Hawaii – Division of Forestry and Wildlife
1151 Punchbowl Street, #325
Honolulu, Hawaii 96813

Project Summary and Objectives

The Makua Keaau Public Hunting Area (PHA) is an 860-acre parcel located in Ohikilolo Valley on Oahu's Waianae Coast, between Makua and Makaha Valleys. Makua Keaau is open for goat and pig hunting nine months a year, and game bird hunting three months a year. It is one of only two game bird hunting areas on the Island of Oahu. In Fiscal year 2000/2001, the area provided 556 game mammal hunting trips and 35% of all game mammals harvested on Oahu. The game bird harvest ratio in the area for fiscal year 2000/2001 was 1.64 birds per hunter, versus a ratio of 0.22 for Oahu's other game bird hunting area, Kuaokala Game Management Area. Makua Keaau is also home to five species of endangered Hawaiian plants, and is an important scenic watershed area.

The State Division of Forestry and Wildlife (DOFAW) feels that Ohikilolo Valley presents an opportunity to manage a discreet watershed for multiple beneficial uses including hunting, native plant and wildlife species restoration, range management and public education. DOFAW would like to annex several parcels adjacent to the Makua Keaau PHA by lease, purchase, or other agreement in order to integrate these areas into an cooperative management program with multiple partners. Two of the parcels in question are owned by the State of Hawaii and are leased for pasture use by State Division of Land Management on revocable permits. Three additional parcels are privately owned and are also managed for pasture, although decades of marginal pasture management practices and stockpiling of construction and landscaping waste have taken their toll. By integrating these private and State-owned parcels under a cohesive management plan, the range quality and watershed attributes could be improved while increasing game hunting opportunities, improving native species habitat, and creating unique educational opportunities. The location of the adjacent Queen Liliuokalani Children's Center could provide meaningful, hands-on learning opportunities for children, teach tangible living skills, provide a workforce for the project, and provide an educational staging area for children from around the island.

Project Description and Need:

The addition of these parcels would enable the Division of Forestry and Wildlife to create a high quality game bird hunting reserve and game mammal hunting area that would rival any other hunting area in the State. Game habitat enhancement and native species restoration through improved range management would provide a working example of compatible multiple land use. The project would be similar to an existing cattle management program designed to improve game bird habitat and restore native plants and animals at the nearby Kuaokala GMA. At Kuaokala, an out-dated grazing regime focused on maximum use of available forage was replaced with one focused on game bird habitat management and watershed protection. The ranchers

EXHIBIT B

participating in the program produce healthy animals fattened on abundant forage. Non-native weed species are controlled by DOFAW personnel and volunteers, and native plants, propagated by Division personnel provide additional food sources for game birds, and allow the birds to distribute seed materials, increasing the presence of these species in the area. Guzzlers have been constructed to provide water for game birds using catchment techniques, and a year-round predator control program has been in effect since 1995 to protect nesting birds. Cattle are present on a year-round basis to control grasses and other vegetation where mechanical control (mowing) is not feasible due to the rough terrain, and their distribution and abundance is controlled by a grazing management plan. Grazing, when properly implemented, has been shown to be a highly effective habitat management tool.

Improvements to the existing management system in Ohikilolo Valley would allow for better control over the movements of cattle, improve game bird and game mammal habitat, increase native species diversity, and improve ground cover, thereby reducing erosion and increasing protection for the near-shore marine environment. By creating a partnership between State, Federal and private range management experts, DOFAW would prepare a range management plan for the entire valley. Under the guidance of organizations such as the Natural Resources Conservation Service and the Oahu Cattleman's Association, DOFAW would create a rotational grazing program based on multiple paddocks which would allow precise control over grazing pressure. The paddock system will enable a systematic rotation of animals that will maximize the production of high quality forage, restore depleted ground cover and native species habitat, and improve game bird and game mammal habitat conditions. The grazing system will include a fire management plan, which will reduce combustible fuel loads and thus protect vegetative cover in the watershed. Maintenance of a forested watershed is crucial to the reduction of sediment runoff from the valley's watershed and improves infiltration rates. The creation of multiple layers of interrelated management goals and objectives will create an educational opportunity for school children and the general public which will provide long-term benefits for the understanding and support of natural resource management programs Statewide.

The Oahu Wildlife Branch is committed to providing high-quality recreational hunting, watershed management and educational opportunities for Hawaii's residents and visitors. The proposed additions to the Makua Keaau Public Hunting Area are designed to provide these opportunities through the implementation of a comprehensive land management regime for Ohikilolo Valley.

Final Products:

The Ohikilolo Valley Watershed Restoration and Community Development Project is expected to:

- Consolidate livestock management in Ohikilolo Valley under an integrated management regime with multiple resource management goals, including cattle ranching, recreational hunting, native species restoration, fire suppression, watershed protection and public education.
- Develop a range management plan for the Ohikilolo Valley in conjunction with NRCS, DOFAW, the ranch operator and private landowners.
- Bring together a variety of community organizations and agencies to collaborate on the continued development and implementation of a unified watershed management agenda.
- Provide opportunities to conduct research on game bird habitat and range management in Hawaii.
- Improve and/or replace existing infrastructure to enable responsible grazing and range management.
- Reduce sediment runoff and fire fuel loads in the Ohikilolo Valley watershed.

Partner Justification

- Alpha Kai Corporation
- Allen M. Stack and Family
- Queen Liliuokalani Trust
- State Department of Land and Natural Resources
- U.S. Fish and Wildlife Service
- The U.S. Department of Agriculture
- Natural Resources Conservation Service
- Hawaii Hunting Advisory Council
- Oahu Pig Hunters Association
- National Wild Turkey Federation
- Kaneohe Bay Rod and Gun Club
- Oahu Archers Association
- Schofield Rod and Gun Club
- The Wildlife Society
- Kamehameha Schools
- The University of Hawaii

Start Date, Year One: July 2003

End Date, Year One: June 2004

Primary Contacts: John T. Polhemus, Wildlife Biologist
Division of Forestry and Wildlife
Oahu Wildlife Branch
Ph 973-9789/fax 973-9781
opih3@earthlink.net



 Makua - Keaau Public Hunting Area

Landowners (Oahu TMK)

-  *ALPHA KAI CORP /ETAL
-  *LILIUOKALANI TR
-  *STATE OF HAWAII
-  HAHN, SANG HOON /ETAL
-  KAMATA, FAMILY TRUST
-  KIM, CHONG HWAN /ETAL
-  SANTIMER, NOHEA M /ETAL
- Other Owners

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