

House Districts 31 & 32
Senate District 14

THE TWENTY-EIGHTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Recipient" means any organization or person receiving a grant.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

DLIR, OFFICE OF COMMUNITY SERVICES

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN): _____

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:

Db: Moanalua Gardens Foundation, Inc.

Street Address: 1352 Pineapple Place

Mailing Address: 1352 Pineapple Place
Honolulu, Hawaii 96819

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name PAULINE WORSHAM

Title Managing Director

Phone # 808.497-4084

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3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
 FOR PROFIT CORPORATION INCORPORATED IN HAWAII
 LIMITED LIABILITY COMPANY
 SOLE PROPRIETORSHIP/INDIVIDUAL
 OTHER

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

HUAKA'IO KAMANANUI STEWARDSHIP PROJECT. THE PURPOSE OF THIS PROJECT IS TO PROVIDE YEAR TWO FUNDING FOR MOANALUA GARDENS FOUNDATION'S HUAKA'IO KAMANANUI STEWARDSHIP PROJECT SO THAT IT CAN: 1) PROTECT AND PRESERVE OUR FORESTS AND WATERSHEDS, 2) TRAIN TEACHERS AND INCREASE STUDENT PARTICIPATION IN ITS ENVIRONMENTAL EDUCATION PROGRAM, 3) COMPLETE PHASE I OF ROAD IMPROVEMENTS TO KAMANANUI (MOANALUA) VALLEY ROAD, AND 4) PROVIDE A MASTER PLAN FOR THE VALLEY, THE LAST REMAINING UNDEVELOPED AHUPA'A IN URBAN HONOLULU.

4. FEDERAL TAX ID #: _____

5. STATE TAX ID #: _____

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2016: \$ 150,592.00

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
 EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 56,160.00

T _____ ATIVE:

ALEXANDER ALIKA D. JAMILE, EXEC. DIRECTOR & PRESIDENT

NAME & TITLE

JANUARY 22, 2016

DATE SIGNED



RECEIVED
1/22/16 MA

**Application for Grants
Huaka`i o Kamananui Stewardship Project**

If any item is not applicable to the request, the applicant should enter "not applicable".

I. Background and Summary

Moanalua Gardens Foundation (MGF)

Founded in 1970, Moanalua Gardens Foundation (MGF) has served as a vital link in preserving and protecting the environmental and cultural resources of Hawai'i. A non-profit 501(c) (3) organization, its mission is:

"To preserve and perpetuate the native culture, environment and people of Hawai'i through education and stewardship of Kamananui Valley and celebration of the Prince Lot Hula Festival at Moanalua Gardens."

For the past 46 years, MGF has pioneered programs which help people understand and appreciate the unique environmental and cultural resources of our islands. This knowledge is essential to developing informed stewards who will protect and preserve our fragile and vulnerable 'āina.

This legacy of preservation began in the early 1900's with Samuel Mills Damon who set aside Kamananui (Moanalua) Valley and Moanalua Gardens for use by the general public and earmarked a portion of the net income of his estate to maintain and protect this historic property. When these lands were threatened by the encroachment of the H-3 freeway, two granddaughters of Samuel Damon founded MGF to safeguard the Valley from the construction of the freeway effectively preserving in perpetuity over 3,700 acres of land for the recreation and enjoyment of the people of Hawai'i.

Although MGF is one of the primary caretakers of the ahupua'a of Moanalua, MGF is not financially supported by, nor an entity of the beneficiaries of the Estate of Samuel Mills Damon. MGF is self-supporting.

In 1978, MGF introduced its first school-based program which grew into the award-winning *Partners in Education* program. MGF's *'Ōhi'a Project Curriculum*, developed through a grant from the MacArthur Foundation, was widely used in Hawai'i's elementary schools. *Partners in Education* became the model for other environmental education programs now being used by newer environmental education organizations in Hawaii. In 2012, MGF introduced *Huaka`i o Kamananui, Aloha 'Āina Moanalua*, the first place-based environmental education program for Kamananui Valley. Since its inception, over 800 4th grade keiki have completed the program and participated in stewardship projects in the "living classroom" of Kamananui.

Also in 1978, MGF launched the Prince Lot Hula Festival, which has grown to become the state's oldest and largest non-competitive hula event. Named after Prince Lot Kapuāiwa who once staged hula events in Moanalua, the festival honors his legacy and instills in both visitors and residents an appreciation for Hawaii's unique host culture, traditions and history. Now in its 39th year, tens of thousands of children, families and visitors have enjoyed this spectacular cultural event. Over the last 10 years, it is estimated that attendance has exceeded 100,000 persons.



Picture of Kamananui Valley by Moanalua Gardens Foundation

Historical Significance

Kamananui Valley has great historical significance dating back to the 1600's during the reign of Oahu's King Kakuhihewa who established the ahupua'a of Moanalua as a center of hula and chanting. In 1795, Kamehameha is said to have rested by 'Iemi spring after the battles of Nu'uaniu and Kahauiki.

Traditions of Moanalua relate that Kamehameha was resting by 'Iemi when he heard the chants of Moanalua and news of the birth of a child descended from beloved King Kākuhihewa at an area of the valley known as Kahaukomo. Kamehameha went to Kahaukomo and laid his battlesword next to the child, naming him "Kapahikauaokamehameha" (the battlesword of Kamehameha). The act bestowed honor on the child and his family. This child was the great grandfather or great granduncle of Nāmakahelu, the last chantress of Moanalua.

The entire ahupua'a of Moanalua – two valleys, from the Ko'olau peaks to the sea—were Kamehameha lands that passed through Bernice Pauahi Bishop in 1884 to her friend, Samuel Mills Damon, the business partner of her husband, Charles Reed Bishop. The property was the one-time home of Prince Lot Kapuāiwa, who reigned as King Kamehameha V from 1863 to 1872.

Damon set aside the makai lands, now known as Moanalua Gardens, one of Hawaii's earliest public parks, "for public use and enjoyment." These lush gardens have been open to the public for over a century. However, the public had only limited access to Kamananui (Moanalua) Valley for "appropriate recreational and educational purposes." Moanalua Gardens is spread over 23 acres and has "general preservation" zoning.

Kamananui Valley spans 3,700 acres, is classified as “restricted preservation property,” and is the location of important cultural artifacts.

Kamananui Valley is also a sanctuary for several endangered and rare forest bird species, including the Elepaio, and was the site of the last observations of the Oahu creeper `I`iwi. In addition, at least 11 endangered plant species, 3 rare plant species and 2 endangered Oahu tree snail species are found in the area. The last known sighting of the threatened Hawaiian hoary bat was also in this valley.

Its location immediately adjacent to Tripler Army Medical Center serves as a defense buffer zone preventing encroachment by urban development.

When the Estate of Samuel Mills Damon was dissolved in 2006, Kamananui Valley was sold to the State of Hawai‘i and Moanalua Gardens was sold to Samuel Mills Damon’s great grandson, John Philip (JP) Damon.

Project Goals:

The purpose of this grant is to provide funding for MGF’s *Huaka`i o Kamananui Stewardship Project* so that it can complete Kamananui (Moanalua) Valley road improvements, teach fourth-graders math, science and responsible environmental stewardship through its experiential place-based *Huaka`i o Kamananui, Aloha `Aina* curriculum, and develop a much needed Master Plan for the valley.

Since 2009, MGF has been partnering with the Department of Land and Natural Resources (DLNR) Division of Forestry and Wildlife (DOFAW) to protect and preserve the fragile natural resources of Kamananui (Moanalua) Valley, and in 2012, an MOU was executed designating MGF as the lead stewardship partner. (MOU attached.)

Together, DLNR/DOFAW and MGF identified seven key priorities for Kamananui (Moanalua) Valley. Through funding secured by MGF, we are pleased to report that two of those priorities have been completed in just three years. A third is in progress and completion anticipated in 2017 - 2018.

Project goals include the following:

- To maintain, improve and enhance the cultural and historic sites located in Kamananui (Moanalua) Valley
- To enhance Hawai‘i’s tourism offerings by providing a new, enriching and unique experience for both visitors and residents
- To stimulate visitor arrivals and provide jobs for local residents
- To educate students, the public and tourists about the pristine ahupua‘a of Kamananui, its history, cultural significance, unique ecosystems and endangered species
- To promote community involvement in environmental stewardship projects that contribute to healthy, sustainable island communities

- To increase collaboration among public and private agencies
- To partner with the U.S. Army and military on improving Kamananui and providing educational and therapeutic programs for service personnel and dependants
- To protect and preserve the natural resources and native species found in Kamananui (Moanalua) Valley
- To continue MGF's educational and cultural programs in Kamananui (Moanalua) Valley
- To provide a Master Plan for the effective resource management of Kamananui (Moanalua) Valley

Project Objectives:

- To complete road improvements to Kamananui Valley Road, the valley's main access route
- To train educators to teach MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum and to conduct field excursions and service projects in Kamananui Valley
- To develop a Master Plan for Kamananui (Moanalua) Valley to protect, preserve and perpetuate for future generations the valley's historic and cultural sites, endangered species and vulnerable eco-systems
- To increase visitors to the islands by providing unique environmentally-responsible nature-based experiences

Public Purpose and Community Need

Development on Oahu is shrinking our land reserves threatening our remaining natural resources and our island's environment. This devastating impact is documented in the 2013 Annual Report of the State Environmental Council which states that "Hawaii's inland and coastal waters, wetlands and forests have all suffered from the effects of human activities, including development and urbanization."

Furthermore, the report shows that for 2005, the most recent year with data for all indicators, per capita personal consumption was adjusted **downward** by \$6,199 for the **environmental** component.

Most shocking is the report's assessment of our forests which says, "Prior to western contact, Hawaii's forested area covered 95% of the land; today only 35% of the islands are currently forested."

The report further states, "Hawaii's forests are vital to the islands' cultural heritage, freshwater supply, economy, carbon footprint and biodiversity. It protects key areas that recharge streams and aquifers, which are the sole providers of freshwater to the islands."

A recent study by the University of Hawaii estimated the value of the Koolau Mountains at 11 billion dollars which includes their eco-tourism and aesthetic value. Clearly, there is an urgent need to protect and preserve our remaining forests which are critical to our culture, livelihoods, tourism and economy.

Kamananui (Moanalua) Valley, the last undeveloped valley in urban Honolulu, has not been immune from these damaging impacts. Recent studies show that runoff has caused severe erosion and invasive species have overrun native species.

Once closed to the public for more than a century, the opening of Kamananui (Moanalua) Valley and its two major trails have turned it into a popular recreational destination for both local residents and visitors. Currently it is estimated that an average of 250 visitors per month or approximately 3,000 per year see and experience Kamananui Valley. Similarly the average number of residents visiting Kamananui Valley is estimated to be 600 per month for a total resident usage of 7,200 per year, a combined total of 10,200 persons annually.

This dramatic increase in usage has impacted Kamananui Valley's infrastructure causing further erosion of Kamananui Valley Road and accelerated the need for a Master Plan to guide future improvements and use of this sacred ahupua'a.

MGF and DOFAW have formed a partnership to address these needs and a preliminary resource management plan has been developed and prioritized. Community organizations and the visitor industry have endorsed our efforts. While we have made progress in completing several of the plan's priority tasks, much more needs to be done in order to protect and preserve the valley's historic and cultural sites, threatened native species and eco-systems.

To prevent further negative impacts on Kamananui (Moanalua) Valley, MGF and DOFAW have identified three critical areas:

1. Completion of improvements to Kamananui Valley Road
2. Expansion of MGF's Huaka'i o Kamananui, Aloha 'Āina curriculum, and
3. Development of a Master Plan for Kamananui (Moanalua) Valley

An integral part of our plan is education for our keiki and visitors to our islands. New resources are required in order to meet the demand from our public schools for field excursions and service projects in Kamananui (Moanalua) Valley. Similarly, our visitors are seeking more activities that will connect them to our 'āina, culture and people.

This project will be the catalyst for protecting our forests and watersheds, teaching our keiki responsible stewardship practices and developing environmentally-appropriate edu-, volun- and eco-tourism programs which will attract more visitors to our islands creating jobs for our local residents. It will also provide opportunities for partnerships with our Armed Services branches to improve Kamananui and provide special programs for military personnel.

Our community not only needs, but is demanding, more amenities in our public recreational areas, some of which have deteriorated due to overuse, neglect, and/or lack of resources. They, like our visitors, want to learn more about Hawai'i's unique natural

resources and be assured that they are protected, respected and perpetuated. This project will not only engage our community, but will increase collaboration among community stakeholders, government agencies and our Armed Forces. Lastly, it will also fill a critical need in our community for cultural place-based environmental education, nature-based activities, and stewardship programs to preserve Hawaii's forests and watersheds.

Moanalua Gardens Foundation (MGF)

MGF is proud to report that we have completed the following deliverables for Kamananui (Moanalua) Valley:

1. Designed, produced and installed a new series of educational interpretive signs posted at key historic and cultural sites in the valley
2. Constructed and installed a new and secure entry gate for the valley preventing unwanted access, especially at night,
3. Mitigated some of the erosion on Kamananui Valley Road
4. Begun Phase I of improvements to Kamananui Valley Road, and
5. Trained 65 teachers and brought 1,000 fourth-graders into Kamananui Valley as part of *Huaka`i o Kamananui, Aloha `Aina Moanalua's* educational program

These activities are all part of our long-range plan for responsible and sustainable resource management of the valley, however, our plan will not be complete without addressing some of the more urgent challenges still remaining.

While funding for some Kamananui improvements and curriculum development have been obtained, MGF must still raise additional funds to continue the projects. This situation is exacerbated by the restrictive guidelines of funders who limit support for administration and operations creating financial hardship for MGF.

Last year, MGF made significant progress in our education and stewardship programs. This would not have been possible without assistance from various funders for support. This support, however, is not sufficient to maintain MGF's operations even though we have reduced our expenses as much as possible. One of MGF's highest priorities is to improve our capacity to continue our mission and programs. We strongly believe that support from the Hawai'i State Legislature will assist us to leverage funding from other organizations. This critical general support will enable us to sustain our organization, while we focus on continuing to educate our keiki and protecting, preserving and perpetuating for future generations the last remaining undeveloped valley in Honolulu's urban core.

Target Population

The target population to be served by this project are Hawai'i residents, students, visitors, and the military. With the curriculum being taught by Moanalua Gardens Foundation, Kamananui (Moanalua) Valley has become a "living classroom" for students and teachers in our public and private schools as well as for community and environmental education groups. Furthermore, Kamananui is an ideal setting for Native Hawaiian students in

Hawaiian-focused charter and immersion schools who learn better and retain more from place-based experiential programs.

A key target group is our visitors. Research shows that tourists who travel to Hawai‘i are looking for experiences that connect them with our people, places and culture. With its rich history, important cultural sites, and proximity to Waikīkī, O‘ahu’s tourism hub, Kamananui will become a popular destination for appropriate edu-, volun- and eco-tourism experiences.

Lastly, the U.S. Army and Armed Services personnel are another important target group and will provide opportunities for MGF to develop programs tailored to military needs. Such programs could include orientation for military personnel and their families, as well as therapeutic programs based on Hawaiian healing methods for injured troops.

Geographic Coverage

This project will include the entire state of Hawai‘i, visitors to our islands, and our military. While our programs are centered in Kamananui (Moanalua) Valley, we are attracting residents statewide and tourists from around-the-world.

II. Service Summary and Outcomes

Scope of Work, Tasks and Responsibilities

LOCATION

Kamananui Valley is located in the Moanalua district of O‘ahu. Part of the Honolulu Watershed Forest Reserve, **Kamananui Valley Road and Kulana‘ahane Trails** are owned by the State of Hawai‘i and under the jurisdiction of the DLNR’s Division of Forestry and Wildlife (DOFAW).

SCOPE OF WORK AND PROJECT DESCRIPTION

For over a hundred years, Kamananui Valley was under private ownership with limited public access. When the valley was sold to the State of Hawai‘i and transferred to DOFAW in 2008, the valley was opened to the public for educational and recreational purposes. Since that time, MGF and DOFAW have seen a significant increase in the usage of the valley and its two major trails by local residents and visitors to our islands.

To deal with these impacts, MGF and DOFAW have formed a partnership to develop a resource management program to improve the valley, safeguard its natural resources and cultural assets, and enhance economic opportunities in a sustainable and balanced way.

The major components of our resource management program include the following priorities for Kamananui Valley as identified by MGF and DOFAW:

1. Design, production and installation of interpretive signage at key sites - Completed
2. Construction and installation of a new, more secure entry gate - Completed
3. Leveling, grading and re-surfacing of Kamananui Valley Road, the valley's main access route
4. Hau brush removal and weed abatement
5. Replanting native trees and grasses
6. Construction of rest/picnic areas and shelters, and
7. Development of a Master Plan

As the primary caretaker of the valley, officially recognized through an MOU with DLNR, MGF is leading this effort. MGF has been successful in obtaining funding to accomplish the first 3 priorities. We have:

1. Designed, produced and installed 11 interpretive signs at key historic and cultural sites in Kamananui Valley. This signage has vastly improved visitors' knowledge of the history, ecology and cultural significance of this sacred ahupua'a.
2. Constructed and installed a new and sturdier security gate deterring unwanted access to the valley and helping to mitigate negative impacts on its environment.
3. Provided gravel and equipment to fill deep ruts and uneven areas of Kamananui Valley Access Road, the main route into the valley. Although a temporary solution while MGF secures additional funding for more permanent improvements, this has slowed the continuing deterioration of the road.

Priority #5, Replanting of native trees, is being addressed as a service project of our *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum program

Last year, funds for Priority #3, Leveling, grading and re-surfacing Kamananui Valley Road, and Priority #7, Development of a Master Plan for Kamananui (Moanalua) Valley, were released by the Governor and contracts are being developed to continue road design and repair as well as develop the Master Plan.

While Phase I of Kamananui Valley Road Improvements has begun, we project that the project will take three to four years to complete due to the terrain, weather and environmental requirements needed because the valley is designated as restricted preservation lands. Furthermore, there is still a need to obtain funding to expand MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* education program.

As the overseer of these projects, MGF is seeking assistance from the Legislature so that it can carry out its responsibilities as the project contractor. When completed, these projects will benefit our keiki, families and visitors while at the same time protect and preserve the only undeveloped valley in urban Honolulu. It will also provide an

opportunity for MGF to generate income to support its educational program and operations.

To meet the demand from Hawaii Department of Education (DOE) teachers for place and project-based education, MGF will continue to provide Teachers' Workshops to reach more teachers and train them to use MGF's new place-based *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum which helps students learn better and retain more than traditional methods of teaching. As an added benefit to teachers, MGF will seek approval from the DOE to offer continuing education credits to those who complete our workshops.

The curriculum is also aligned with DLNR's goal to connect with keiki through educational programs and is an essential part of our resource management program for Kamananui (Moanalua) Valley. Additionally, this project will also cover website maintenance so that we can continue to make the curriculum available online to more teachers, environmental educators and agencies, and other interested entities in Hawai'i and beyond. Lastly, this project will assist in the development of responsible edu- volun- and eco-tourism programs which will help sustain resource management programs to protect the forests and watersheds of Kamananui Valley.

Huaka`i o Kamananui, Aloha `Āina Moanalua

Developed through a grant from the Office of Hawaiian Affairs (OHA), MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum is now in use in some elementary schools in the Moanalua ahupua'a as well as in the Kailua and Kāne'ohe ahupua'a. However, much more needs to be done to reach more teachers and schools, especially schools in underserved areas.

While OHA grant funds supported the development of this state-of-the-art fourth-grade curriculum, they were not sufficient to cover the cost of Teachers' Workshops beyond the initial introductory workshop conducted on September 29, 2012.

While additional workshops will be held this year, the overwhelming demand by teachers for the curriculum has not yet been met. Research shows there is a critical lack of culturally-focused content for teachers and students even though it is proven to help students better comprehend the lesson plan through practical application of their knowledge. This project will not only meet the need for place and culture-based content, but it will also train more teachers in our public and charter schools to use the curriculum.

Major Tasks and Responsibilities

Teachers' Workshops

MGF will hold 3 Teachers' Workshops during the school year. They will be held during intercession periods for fourth-grade elementary school teachers in:

1. October during Fall break
2. January
3. March, and
4. A follow-up session in early June

Each workshop will be an all-day session with the follow-up a half-day session. The afternoon portion of the workshop will include the service project in Kamananui Valley. We anticipate 15 to 20 teachers per session for a total of 45 to 50 teachers per year. In order to encourage teachers to attend, MGF will provide a copy of "Sites of O'ahu" to each teacher upon completion of the curriculum's first service project or follow-up session. Teachers will be recruited through an intensive outreach campaign which will consist of e-flyers, communications with DOE district offices and principals, including Native Hawaiian charter schools, press releases and personal communications with interested teachers.

We will also institute "train the trainer" workshops to train selected teachers to conduct workshops. The workshop will be an intensive 8-hour session designed to immerse teachers in the curriculum, giving them the tools, materials, and capability to conduct the program in their schools.

Workshop Content

Each workshop will include the following content:

- Registration
- Welcome and Introductions
- Project Overview
- Review of *Huaka`i o Kamananui, Aloha `Aina Moanalua* unit
- Review and Demonstration of Materials
- Lunch
- Preparation for Field Excursion
- Overview of Field Trip Experience
- DVD Wind Chant of Moanalua
- Kamananui Valley Field Trip Overview
- Field Excursion - Kamananui Valley
- Workshop Evaluation and Summary

Website Maintenance

MGF plans to serve more educators by providing curriculum materials online and to coordinate field trips and eco-tours online by retaining an experienced website specialist.

This will enable MGF to greatly increase the number of teachers, educators and environmental entities interested in using our much needed *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum.

The website specialist will oversee the following activities:

- Maintain our website www.moanalugardensfoundation.org
- Maintain the calendar and reservations link for MGF's Huaka`i o Kamananui educational and nature-based tours. The educational tours are free but the nature-based tours will be fee-based
- Uploading curriculum materials and make them available to teachers/educators and the public online
- Maintain a merchandise link(s) to sell our educational materials and merchandise for the Prince Lot Hula Festival
- Maintain a donations link to solicit donations
- Maintain a link for news/events/information
- Develop a maintenance program to update website as needed

Huaka`i o Kamananui Nature-Based Excursions

MGF plans to develop unique excursions based on our *Huaka`i o Kamananui, Aloha `Āina Moanalua* concept. The program will be targeted to our visitor population who, as research shows, are looking for more authentic nature and place-based experiences. This will enable us to produce income to support both our resource management program and MGF.

Closed to the public for over a century, the valley was opened for public use in 2008. Since that time, the popularity of this special place has grown significantly with an estimated 10,200 persons visiting the valley on an annual basis.

This number is expected to increase as more visitors and residents learn about its beauty and accessibility. It is essential that we begin today to preserve this untouched ahupua`a, while at the same time, telling the stories of our ancestors who lived in and farmed the fertile soil of Kamananui (Moanalua). What we do in Kamananui can become an example for other natural resource sites.

Project Timetable

TIMELINE:

The following is the annual timeline and tasks required to accomplish the project outcomes.

- **Month One**
 - ✓ Convene project team and prepare project action plan
 - ✓ Continue on-going meetings with engineering firm to monitor Phase I of Kamananui Valley Road Improvements
 - ✓ Continue to work with DLNR/DOFAW on executing contracts for Phases II and III
- **Months Two to Three**
 - ✓ Execute contracts for Teachers' Workshop Instructor, Program Coordinator, and nature-based excursion consultant
 - ✓ Develop meeting schedule and timeline
 - ✓ Meet with project team to develop deliverables and completion dates
 - ✓ Designate assignments
 - ✓ Conduct first "Train the Trainers" Workshop
 - ✓ Continue coordination of service project requests from participating schools
- **Months Four to Seven**
 - ✓ Continue ongoing meetings with project team, engineering firm and DLNR
 - ✓ Continue to monitor progress on Phase I of Kamananui Valley Road Improvements
 - ✓ Conduct second "Train the Trainers" Workshop
 - ✓ Continue ongoing coordination of service projects
 - ✓ Develop plan for appropriate nature-based excursion program
 - ✓ Obtain approval from Board of Directors
 - ✓ Assess project progress, timeline and deliverables
- **Months Eight to Ten**
 - ✓ Continue ongoing meetings with project team, engineering firm and DLNR
 - ✓ Continue to monitor progress on Phase I of Kamananui Valley Road
 - ✓ Conduct third "Train the Trainers" Workshop
 - ✓ Continue ongoing coordination of service projects
 - ✓ Continue nature-based excursion tasks
 - ✓ Monitor assignments, responsibilities and completion schedule
 - ✓ Make adjustments as necessary
- **Months Eleven and Twelve**
 - ✓ Continue ongoing meetings with project team, engineering firm and DLNR
 - ✓ Continue to monitor progress on Phase I of Kamananui Valley Road
 - ✓ Conduct follow-up session with participating teachers
 - ✓ Continue ongoing coordination of service projects
 - ✓ Finalize nature-based excursion plan
 - ✓ Review project deliverables and finish any uncompleted tasks
 - ✓ Publicize project accomplishments
 - ✓ Evaluate project

Benefits and Outcomes

This project will serve as a catalyst for protecting and preserving Kamananui (Moanalua) Valley's forests and watersheds and educating thousands of our keiki, the Native Hawaiian community, residents and visitors about their responsibility to become more

involved in caring for our limited and endangered natural resources. Better informed and motivated individuals will in turn encourage and support responsible resource management practices, helping to preserve Kamananui's forests, watersheds, native species and natural resources for future generations.

Furthermore this project will extend the reach of MGF's *Huaka`i o Kamananui, Aloha Aina Moanalua* place-based environmental education program in Kamananui Valley enabling elementary students to learn key core concepts, including math and science, in a non-traditional way. The curriculum is aligned with Hawaii DOE Common Core Standards and the Nā Honua Maui Ola Hawaiian Guidelines.

This project will also foster collaboration among key stakeholders, including the military and educational, environmental, community, state, county, visitor industry and other organizations in Hawai`i.

Perhaps most importantly, this project will benefit our economy, our community and our environment – a triple bottom line return.

Expected Outcomes

This project will generate the following outcomes:

1. Increase economic opportunities.

This project will broaden economic opportunities for our youth and adults.

- a. By expanding the pool of teachers who can teach MGF's *Huaka`i o Kamananui, Aloha Aina Moanalua* curriculum, the number of keiki reached by this program will greatly increase. As these youngsters learn responsible stewardship practices, they will become the future stewards of our lands. Instilling the concept of "mālama āina" in future generations of environmental stewards will reap significant economic benefits not only for Kamananui, but for Hawai`i's āina and environment now and into the future
- b. By using *Huaka`i o Kamananui, Aloha Aina Moanalua* as the model for nature-based excursions in Kamananui (Moanalua) Valley, MGF will generate revenue to sustain our resource management activities as well as MGF. It will also provide jobs for cultural practitioners who will serve as guides and kūpuna

2. Preservation of cultural and historical resources

This project will protect, preserve and maintain Kamananui's important historic and cultural sites and resources by:

- a. Building public and community awareness about the unique history of this sacred valley and its significance in our Native Hawaiian culture
- b. Sharing the mo`olelo of this ancient wahi pana, where Kamehameha the Great rested his warriors after the battle of Nuuanau
- c. Developing nature-based excursions to increase resident and visitor understanding of the cultural and historical resources of Kamananui

3. Responsible management of environmental resources

Protection and preservation of Kamananui's fragile eco-systems and native habitats will continue to be a key part of MGF's stewardship programs in the valley. This project will provide stewardship projects which will:

- a. Re-introduce native trees to the valley, remove invasive species and restore native species
- b. Foster responsible stewardship practices in students participating in MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua* program
- c. Increase awareness of the importance of "mālama `āina" to prevent negative impacts to Kamananui's eco-systems and natural resources
- d. Instill responsible and sustainable stewardship practices in visitors participating in MGF's *Huaka`i o Kamananui* eco-tour program

Quality Assurance and Evaluation Plans

Plan for quality assurance and evaluation of the proposed project

MGF's Executive Director and Kamananui Stewardship Project Director will ensure that appropriate qualitative and quantitative measures are used to monitor, evaluate and improve this project. Quality assurance standards will be built into delivery of teachers' workshops, website design and development, and other work involved in the implementation of this project. This will ensure that quality materials are used and the work performed by experienced professionals.

The Executive Director is responsible for overall agency operations and management of grants and contracts. He also serves as President of MGF's Board of Directors, a nine-member board made up of members of the community. He is accountable to the board and responsible entities for achieving project objectives.

Monitor

Under the direction of the Executive Director, the Kamananui Stewardship Project Director (Project Director) will have primary oversight over the implementation of this project. The Project Director will meet with the Executive Director on a regular basis to monitor progress and document completion of objectives. A project status report will be submitted to the Executive Director for review on a regular basis.

The Project Director will report to the Executive Director and will be responsible for coordinating project activities with the Department of Education (DOE), Hawai'i State Teachers Association (HSTA), Native Hawaiian Charter Schools, the Department of Land and Natural Resources (DLNR), and other organizations and agencies. The Project Director will also communicate with community and government agencies on a regular basis. This will ensure that project activities are well coordinated to avoid duplication of efforts.

Evaluate

Evaluation data will be collected from project activities. It will consist of both process information and outcome information. For both, the emphasis will be on data that is objective and quantifiable. Status reports submitted to the Executive Director will also be used to evaluate progress and identify concerns. The Project Director and Executive Director will address unforeseen issues and make needed adjustments.

Improve

Data obtained from evaluation and teachers surveys will be analyzed, and summarized in a written report. Information will be used by MGF to improve services and activities. The data will also be used to guide the development of future programs, services and activities.

MEASURES OF EFFECTIVENESS

The success of MGF's *Huaka'i o Kamananui Stewardship Project* will be measured by collecting both qualitative and quantitative data to evaluate the project, including the following:

Quantitative

1. Status reports from engineering firm showing activities accomplished for Phase I of Kamananui Valley Road Improvements
2. Teacher surveys assessing the content, quality and cultural context of MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum
3. Evaluations from project team, i.e., project director, workshop instructor, program specialist, etc.
4. Completion of designated number of teachers' workshops and service projects
5. Development of a maintenance program for MGF's website
6. Development of a nature-based excursion program for Kamananui Valley
7. Completion of all activities as listed in the project timeline

Qualitative

1. Improving Kamananui Valley's infrastructure and providing safe access for valley users
2. Creation of meaningful and productive partnerships with OHA, DLNR/DOFAW, DOE, HSTA, Native Hawaiian Charter Schools, the Native Hawaiian community, and community, environmental, governmental organizations and other partners
3. Creating economic value for our residents through partnerships with cultural practitioners and organizations using Kamananui Valley's natural resources
4. Preserving the cultural and natural resources of Kamananui through educational programs that increase awareness of the cultural, historic, and natural resources of the valley
5. Promoting stewardship of the cultural and natural resources of Kamananui through service projects and sustainable resource management
6. Protecting and preserving native species through outplanting of native trees

7. Increasing the availability of and access to cultural knowledge through the online distribution of *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum

III. Financial

Need for Financial Assistance

While MGF has been successful in obtaining funding for our environmental education and cultural programs, the grants have not included funding for general support. In order for us to complete the improvements to Kamananui Valley, operating funds from the Legislature are urgently needed. Without this assistance, MGF would not be able to finish the critical road repairs and Master Plan for the valley. As Hawai`i experiences more negative impacts to its environment, our programs have become even more crucial. This grant will assist us in providing the funds needed to support MGF so that we can provide safe access for our families, students and visitors and a plan to protect and preserve in perpetuity the last undeveloped valley in urban Honolulu.

In order for MGF to meet its funding goal of \$249,983.00 for this project and fulfill our contract obligations, it is essential that we receive a Grant-in-Aid from the Hawaii State Legislature. Over the years, MGF has served as a key resource to the Hawai`i Department of Education (DOE) providing the award-winning *Partners in Education Program* to an estimated 80,000 public school students in grades 4-7 at no cost to the DOE or to the State. MGF estimates we raised over \$5.5 million dollars in private funds for the program which the DOE and State did not have to expend.

Additionally, each year MGF stages the spectacular Prince Lot Hula Festival for which we raise a significant amount of private funds. These programs benefit the children, families and people of Hawai`i and help to attract more visitors to our beautiful islands.

MGF cannot continue to absorb program and operational costs not covered by external funding sources and has taken a proactive approach to raise needed funds. Agencies who benefit from MGF's educational and cultural programs will be asked to allocate some of their resources to support these essential programs.

Over the 46 years it has been in existence, MGF has utilized Kamananui (Moanalua) Valley as a venue for its educational programs and field experiences. In order to protect these precious lands in perpetuity, MGF has been diligently working with members of the Legislature, DLNR, and other entities to ensure these lands will be preserved for all of the people of Hawai`i.

This Grant-in-Aid will enable MGF, in partnership with the DOE, DLNR, and other agencies to improve, manage and maintain these legacy lands for Hawai`i's people and for needed educational, cultural, and nature-based programs. We respectfully ask that you give this proposal your serious consideration.

Budget**Budget Narrative**

Of the total project budget of \$249,983.00, MGF is requesting a grant-in-aid of \$150,592.00 to support MGF operations, to conduct the designated number of teachers' workshops, and maintain our website so that we can continue to make high priority improvements to Kamananui (Moanalua) Valley and provide critical place-based environmental education programs for our youth. The remaining \$99,391.00 will come from MGF's grant income, contributions, and in-kind assistance.

Personnel Cost	45,652
Salaries	34,020
Payroll Taxes & Assessments	4,511
Fringe Benefits	7,121

The personnel cost shown above is to support a part-time office manager and the Executive Director and President. In order to be more cost efficient, MGF retains other necessary staff on a contractual basis. This is reflected in Other Current Expenses below.

Other Current Expenses	104,940
Insurance	7,000
Office Equipment Rental	2,700
Space Rental – Teachers Workshops	1,000
Supplies – Teachers Workshops, Office	2,000
Telecommunication/Internet	5,500
Utilities	1,200
Website Maintenance	3,500
Postage, Freight & Delivery	1,200
Program Activities – Teachers Workshops & Stipends	8,000
Publication & Printing – HOK Curriculum for teachers	4,000
Office Equipment Repair & Maintenance	700
Nature-based Excursion Coordinator	6,000
Contractual Services – Proj. Administration & Mngt.	50,340
Food/Refreshments for Teachers Workshops	1,800
Audit & Accounting	10,000

These expenses cover the costs associated with the administration and execution of the project, such as personnel, employee benefits, telephone/fax/internet services, electricity, trash removal, rental of copying machine, venue rental for teachers workshops, workshop and office supplies, website maintenance; postage, freight and delivery; field excursions/program activities; printing, collating and assembly of Huaka'i o Kamananui curriculum for teachers; equipment repair and maintenance, contractual services for project management/director, instructors, program coordinator, and nature-based tour coordinator; and food and refreshments for teachers workshops.

The following budget forms are attached:

1. Budget Request By Source Of Funds
2. Budget Justification – Personnel Salaries and Wages
3. Listing of other sources of funding for FY 2017
4. MGF has not applied for and has no plans to apply for state/federal tax credits
5. The balance of MGF’s unrestricted current assets as of December 31, 2015 is \$128,236.00
6. Government Contracts And/Or Grants Form
7. All other forms are not applicable to this project

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
37,648	37,648	37,648	37,648	150,592

IV. Experience and Capability

A. Necessary Skills and Experience

A non-profit organization founded in 1970, MGF is governed by a nine-member Board of Directors. The Executive Committee of the Board includes the officers of the board who set policy and oversee MGF’s programs. The Executive Committee also ensures that the organization’s By Laws are adhered to by the board and its staff.

MGF’s purpose

An open membership organization, MGF exists “For the discovery and preservation of the culture, history and natural history of the Hawaiian islands, particularly as it pertains to the conservation of the ahupua’a of Moanalua and to provide educational and recreational facilities appropriate thereto for the enrichment and enjoyment of the people.”

MGF has approximately 1,000 members, drawing a large portion of its membership from the surrounding community of 24,000 residents who are dedicated to maintaining and preserving Kamananui (Moanalua) Valley and Moanalua Gardens. Many of these residents remember playing, fishing, and exploring the gardens and the valley and have continued this special connection to Moanalua and MGF. Members also help strengthen our capacity by providing specialized services, serving as community advocates and by volunteering for MGF events.

For the past 46 years, MGF has pioneered programs which educate people to value the unique environmental and cultural resources of Kamananui (Moanalua) Valley and our islands, some of which are found nowhere else in the world. MGF believes that education and conservation go hand-in-hand to ensure that our threatened species and fragile ‘aina are preserved and protected for future generations.

MGF's long-term goals

MGF's long term resource management goals are:

1. To develop a Master Plan for Kamananui (Moanalua) Valley which will set the strategic direction for managing the resources of the valley mitigating adverse impacts and providing a plan for the sustainable use of the valley
2. To use the ahupua'a of Kamananui (Moanalua) Valley as "living classrooms" to teach students and adults how to malama 'aina by melding both contemporary and ancient stewardship practices
3. To provide a sustainability center for students, educators, environmental experts, residents and visitors to learn and practice environmental stewardship in traditional and contemporary ways, and to conduct research in conjunction with the University of Hawai'i and other institutions across the Pacific.

Prior and current activities relevant to the proposed project

Education and Stewardship

While focused on education and stewardship, MGF's past and current programs and activities all support sustainable resource management practices. We believe that education and stewardship are integral components of an effective resource management program as they are the foundation upon which good resource management is built.

After successfully teaching our *Partners in Education* program for 25 years in elementary schools on O'ahu and Moloka'i, MGF has developed a new program that engages students in place-based cultural learning. Called *Huaka'i o Kamananui, Aloha 'Aina Moanalua* the program utilizes Kamananui (Moanalua) Valley as "living classrooms" where fourth grade students learn about responsible stewardship practices and eco-system education within a culturally significant setting.

The following MGF programs have been recognized as the best in their field and were utilized not only on O'ahu, but throughout the state of Hawai'i. Our award-winning educational stewardship programs include:

1. Partners in Education

A respected statewide environmental education program with over 120 lessons covering a wide-range of issues, from Humans and the Environment, to Wetlands and Invasive Species and more, *Partners in Education* was taught in elementary schools on O'ahu and Moloka'i for more than 20 years. Targeted to fourth through sixth graders, the program is designed around Hawaiian values that integrate our natural environment and host culture with lessons on Hawai'i's ecology, geology, native and endangered species.

2. 'Ōhi'a Curriculum

The cornerstone of MGF's *Partners in Education Program*, the *'Ōhi'a Curriculum* spans grades K-12 and contains lesson plans and teachers' guide books for classroom

instruction. Developed through a grant from the John D. and Catherine T. McArthur Foundation and assistance from Bishop Museum, the '*Ōhi'a Curriculum* was one of the most widely used environmental education curricula in Hawai'i. It is integrated with Hawaiian stewardship practices and aligned with the Department of Education's science standards.

3. Exploring the Islands



This acclaimed distance learning program was developed to offer quality environmental education programs to students on the Neighbor Islands and to expand MGF's educational reach. The series of 13 lessons on topics ranging from Hawaiian geology and geography to native plants and animals was televised on Hawai'i Public Television during each school semester. The program was a vital part of MGF's educational outreach program and touched 10,000 students and teachers every year.

All of these former education programs are proof of MGF's groundbreaking work in place-based environmental education. They clearly illustrate our deep commitment to educating our keiki in a culturally-appropriate way, teaching them to value, respect and mālama 'āina.

4. Huaka'i o Kamananui, Aloha 'Āina Moanalua

When forced to suspend our *Partners in Education Program* due to loss of funding, MGF determined that we should renew our focus on stewardship of Kamananui (Moanalua) Valley and programs that support responsible resource management of the valley. As part of the educational component of its resource management plan, MGF developed *Huaka'i o Kamananui, Aloha 'Āina Moanalua*, a place-based culturally-focused environmental education and stewardship program for fourth-grade students in Hawaiian-focused charter schools and schools in Hawaiian communities.

A keystone of MGF's resource management plan, *Huaka'i o Kamananui, Aloha 'Āina Moanalua* also meets the need for place-based content for both teachers and students in our public and charter schools. As in all of MGF's previous educational programs, *Huaka'i o Kamananui, Aloha 'Āina Moanalua* includes a stewardship project. Students learn about the importance of restoring native plants and trees in the valley and actually plant native trees that once thrived there learning an essential resource management practice.

Awards and Recognition

MGF is known as a trailblazer in environmental education and stewardship. When we started our programs 46 years ago, there were no other organizations that provided similar programs. Although there are several organizations currently providing some of the services that MGF used to, none possess the breadth and depth that MGF once offered. In fact, MGF's '*Ōhi'a Curriculum*' served as the prototype for their programs.

MGF's success in this arena has been recognized locally and nationally with awards from The Hawai'i Tourism Authority, the American Association for Environmental Education, the Distance Learning Association, and the U.S. Environmental Protection Agency (EPA) which presented MGF with an Environmental Achievement Award in 2006.

A citation from Congressman Neil Abercrombie on the occasion of the award states, "*Since its inception in 1970, the Moanalua Gardens Foundation has been dedicated to safeguarding **Kamananui** (Moanalua Valley) and our islands natural resources.*

MGF raises awareness about the importance of land conservation; protecting our ecosystem; and encourages re-appropriating plants and fauna indigenous to Hawai'i.

The curriculum used by MGF in its "Partners in Education" Program is unique and appropriate to our island traditions because it infuses culture with service delivery and reflects core values and traditions passed on from one generation to another in Hawai'i"

Projects Pertinent to this Request

The following is a list of related projects managed by MGF over the past three years.

1. *Huaka`i o Kamananui Education Project*, 2012 and on-going
2. *Huaka`i o Kamananui Stewardship Project*, 2013 and on-going

These projects were all part of MGF's strategic plan to protect, preserve and perpetuate the natural resources, cultural artifacts and historic sites of Kamananui (Moanalua) Valley. They have laid the foundation for implementation of its *Huaka`i o Kamananui, Aloha 'Āina Moanalua Curriculum* and set in motion work towards developing a critically-needed Master Plan for the valley.

While MGF is proud of the progress we have made to date, there is much more that needs to be done to educate our keiki, residents and visitors and to maintain and preserve the beauty, history, eco-systems and native species of Kamananui Valley for future generations. We humbly ask for your support of this Grant-In-Aid.

B. Facilities

Since 1970, MGF has operated from its headquarters located at 1352 Pineapple Place in Moanalua Gardens in the ahupua'a of Moanalua. The location is approximately 2 miles

east of Kamananui (Moanalua) Valley where MGF conducts its educational, stewardship and resource management programs.

MGF's facility is a renovated house of approximately 900 square feet and contains several offices for the Executive Director and President, staff, and contract personnel as well as a library of educational and resource materials, storage facilities, computers, copier, and other equipment.

The proximity of our headquarters to Kamananui Valley is ideal as it is less than a 10 minute drive from MGF's offices to the valley. Our central location in Honolulu's urban core also makes it convenient for teachers, educators, community representatives, and the public to access our resources.

Kamananui Valley where our programs are carried out spans 3,700 acres of pristine preservation land. The ahupua'a of Moanalua includes Kamananui and the adjacent Kamaikai Valley. In the 1600's, it was established as a center of hula and chanting during the reign of O'ahu's King Kakūhihewa. A map is attached.

Future plans include the construction of a sustainability/resource management center where MGF and other organizations can offer desired environmental/resource management education, stewardship, and cultural programs for students, educators, residents, researchers, cultural practitioners, and visitors. This much needed center will be MGF's new home and will include classroom, meeting, research and other facilities for MGF's programs and activities.

The structure will be located either on the grounds of Moanalua Gardens or at the entrance to Kamananui Valley. Both the gardens and the valley, will serve as "living classrooms" for the programs that are taught at the center.

New facilities will be ADA compliant.

V. Personnel: Project Organization and Staffing

A. Proposed Staffing, Staff Qualifications, Supervision and Training

The project team leaders will consist of the following individuals, all of whom are highly qualified and are considered to be very knowledgeable in their areas of expertise:

Alexander Alike Jamile – Financial consultant and retired Senior Vice President of Bank of Hawai'i, Alike Jamile, serves as the Executive Director and President of Moanalua Gardens Foundation (MGF). With over 35 years of experience in the business sector, Mr. Jamile has worked in executive management positions with such companies as Alexander and Baldwin, Crowley Maritime, Young Brothers, Matson Navigation, Hawaiian Airlines and the Hawai'i Employers Council. An expert in union negotiations, Mr. Jamile is well respected by union leaders in both the private and public sectors. He is experienced in managing, and supervising projects from simple to complex. A board

member for eleven years, Mr. Jamile is a dedicated leader, donating thousands of hours of his time to direct MGF. Working in collaboration with the project team, Mr. Jamile will oversee this project.

Roddy Kamawaelualani Kawehi Akau – The great, great, grandnephew of Namakahelu Kapahikauao Kamehameha, Roddy Akau is the kahu and konohiki of Kamananui valley. His lineage can be traced back to the original inhabitants of Kamananui. It is through Namakahelu and her descendants that ancient oli which originated in Kamananui, known as a place of spiritual renewal and hula traditions, have survived through the ages. A cultural practitioner, Kahu Akau's knowledge of the mo'olelo, history and cultural sites of the valley is unparalleled. A member of the NAH O'ahu Advisory Council, Kahu Akau advises DOFAW on issues related to Kamananui Valley. He visits Kamananui on a regular basis to monitor cultural sites, assess stream flows, evaluate native and invasive species, help visitors and hikers, and perform basic maintenance work. A board member of MGF, Kahu Akau will serve as the cultural advisor for this project.

Charles M. Cooke, IV – A board member and past president of MGF, Charley Cooke is very knowledgeable about the foundation and the district of Moanalua. A descendant of missionaries Amos Star and Juliette Montague Cooke who ran the Royal School for Hawai'i's Ali'i, he was immersed in Hawaiian traditions as a youngster. Conversant in Hawaiian, Mr. Cooke is very knowledgeable about Hawaiian cultural practices. A former realtor and trust officer, he is also well informed about the topography and cultural sites in Kamananui Valley. Mr. Cooke will assist as an advisor on this project.

Pauline Worsham – A small business owner and an experienced marketing professional, Pauline Worsham serves as MGF's Managing Director. She has more than 30 years experience in marketing, public relations, fundraising, community relations, governmental affairs and special events. Ms. Worsham has worked with nonprofits for over 20 years, assisting them with strategic planning, fundraising and development, special events, public relations and lobbying. Past positions include Special Events Director at Liberty House, Publicity Director at UCLA's College of Fine Arts, Vice President of Community and Governmental Affairs at Bank of Hawai'i and Public Relations Manager for Neiman Marcus. Under the direction of the Board of Directors, Ms. Worsham is responsible for MGF's grants management, grant writing, fundraising, marketing, public relations, special events, advocacy, and business development programs. She also directs the planning and administration of MGF's educational and cultural programs. Ms. Worsham will serve as the project director and liaison between MGF, the DOE, HTA, DLNR, and other project entities.

Kekai Mar – Information and Education Coordinator for the Department of Land and Natural Resources' Division of Forestry and Wildlife since 2014, Kekai has helped to develop a number of environmental education and stewardship programs for DLNR/DOFAW. He is knowledgeable about MGF's *Huaka'i o Kamananui, Aloha Aina Moanalua Curricula* and also leads the field experience portion of the workshop. A passionate advocate of environmental education, stewardship and sustainability, Kekai

will assist with the *Huaka`i o Kamananui, Aloha `Āina Moanalua* workshops and help coordinate the program's service projects.

Michelle Buck – A resource teacher for Kamehameha Schools at Blanche Pope Elementary School in Waimanalo, Ms. Buck has an extensive background in science and the environment. After completion of MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum workshop, she successfully implemented it at the school with outstanding results. Her skills as a veteran elementary school teacher and her passion for environmental stewardship, makes her an ideal choice to teach our workshops. She will be a lead instructor for our workshops orienting teachers to the curriculum so that they can start similar programs in their schools, expanding the program's outreach and number of participating students.

Diane Amodo – A seasoned business manager, Diane Amodo has over 20 years of experience in administration, fiscal and organizational management. She has served in administrative and managerial positions at Bank of Hawai'i, including branch manager. Ms. Amodo has also been employed for several small businesses as office manager overseeing their day-to-day operations. She has extensive experience in accounting, office management, fiscal systems, and administrative support. She works part-time as MGF's office manager and will assist the Executive Director and President with fiscal management of this project.

Staffing Pattern

MGF has found that out-sourcing the deliverables is more cost-effective for all parties, therefore, the following positions and services will be contractual. All of the designated individuals have extensive expertise in their fields and have worked on MGF projects, including the *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum project, and other environmental education and stewardship projects.

Project Director/Program Coordinator

Pauline Worsham, MGF's Managing Director, will serve as Project Director and Program Coordinator. A Native Hawaiian small business owner, Ms. Worsham has extensive experience in grants and project management and is responsible for MGF's educational and cultural programs and general operations. Under the direction of the Board of Directors and Executive Director and President, she manages and directs MGF's administrative, grants management, fund development, grant writing, public relations, marketing, community and governmental liaison activities. A seasoned professional, she has developed and managed all of MGF's grants for the past 9 years including the *Huaka`i o Kamananui, Aloha `Āina Moanalua Curriculum* grant.

Teacher' Workshop Field Trip Coordinator

Kekai Mar serves as Information and Education Coordinator for DLNR's Department of Forestry and Wildlife (DOFAW) where he helps to develop environmental education and stewardship programs for the agency. An enthusiastic environmental education instructor, he will assist with MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua*

Teachers Workshops leading the program's field experiences. He has completed the workshop and is very knowledgeable about the curriculum. His cultural background and past experience with MGF's educational programs make him an ideal field trip coordinator.

Teachers' Workshop Instructor

Michelle Buck is seasoned teacher specializing in environmental education. She has implemented MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua Curriculum* at Ben Parker and Blanche Pope Elementary Schools which were very well received by team teachers and with excellent results from the students. Ms. Buck has also worked with DLNR/DOFAW's Education Division in planning and coordinating several of MGF's Teachers Workshops and serves as a resource teacher for Kamehameha Schools educational programs. In conjunction with DOE teacher Cara Dote, she will co-teach and conduct the Teacher's Workshops included in this grant.

Teachers' Workshop Instructor

Cara Dote is a graduate of Oregon State University and earned a Master's Degree in Education from the University of Phoenix, Hawaii Campus. A DOE teacher for 6 years, she has implemented MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua Curriculum* at Solomon Elementary School teaching her fourth-grade students the importance of "malama `aina" and environmental stewardship.

She has also worked with DLNR, DOFAW's Education Division in planning and teaching MGF's workshops and serves as a resource teacher for our educational program. In conjunction with Michelle Buck, she will co-lead the Teacher's Workshops and the field experiences.

Website Specialist

Kaipo Granito, Technology Director of Hawai'i Maoli and entrepreneur, created the Kau Inoa Hawaiian registry database and managed it. He was the chief architect of MGF's new website and is now working with MGF on refinements. He will be contracted to further improve and maintain MGF's website, to ensure it is current and has the capacity to store educational materials. In addition to Hawai Maoli, Mr. Granito has assisted a number of non-profit organizations with website development using his extensive technology expertise to tailor sites to each organization's unique needs.

Office Manager

Diane Amodo, MGF's office manager will oversee the project's accounting process, ensuring that funds are properly designated, payments are verified and made in a timely fashion, and will also provide fiscal support for the project team. A former branch manager for Bank of Hawai'i, Ms. Amodo has served as MGF's part-time Office Manager for the past 6 years.

Position Descriptions

The position descriptions and minimum qualifications for proposed project staff are included below. All of these positions are essential to the successful implementation of the project and the personnel proposed have extensive experience in their respective fields. An added plus is that they all have prior work experience with Moanalua Gardens Foundation (MGF) and have teamed very well together on past projects, including MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum project.

MGF's Executive Director and President, in conjunction with the Project Director, will supervise the accountabilities and deliverables required of each of these positions which will comprise the core project team. He will ensure that the administrative, and program functions needed to support the services are being executed and managed with the highest degree of professionalism and diligence.

Project Director/Program Coordinator

The Project Director will be responsible for the administration and execution of the project, including supervision of the Teachers' Workshop Instructors, Website Specialist, and other project members. Also, this position will assist in the development of the nature-based tours in conjunction with the project team, recruit project personnel, develop necessary contracts, and agreements. Additionally, the Project/Program Director will implement the project timeline, provide necessary reports and be accountable to MGF's Executive Director and President.

Minimum qualifications: Bachelor's Degree, 5 years of experience in project management, knowledge of environmental education field, computer literate with expertise in Word and Excel, strong communication skills.

Teachers' Workshop Instructors (2)

The Teachers' Workshop Instructors will be responsible for the content, instruction, delivery, field experiences and follow-up session for MGF's 3 *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum workshops. The target audience will be fourth-grade teachers from public and private schools, including Native Hawaiian charter schools, Native Hawaiian focused schools and schools with high Native Hawaiian populations. These positions will work in conjunction with the Project Director and Program Coordinator to ensure teachers are recruited and confirmed, workshop materials are prepared, workshop site reserved, and other logistics are executed.

Minimum qualifications: Bachelor's Degree, 5 years of environmental education teaching experience, knowledge of Kamananui Valley, skilled in Power Point presentations and use of audio-visual and technical equipment, ability to convey curriculum content and concepts effectively.

Website Specialist

The Website Specialist will work in conjunction with MGF's Executive Director and President, the Project Director and Program Coordinator to maintain MGF's website, including:

- Update web and landing pages as specified by MGF
- Upload curriculum materials and make them available to teachers/educators and the public online
- Update merchandise link(s) to sell our educational materials and merchandise for the Prince Lot Hula Festival
- Update donations page as specified by MGF
- Update news/events/information page as specified by MGF

Minimum qualifications: A Bachelor Degree, in Computer Science or 5 years of experience in designing and re-formatting websites. Must have expertise in: advising clients of best system(s) to use for their needs, and training staff to utilize new technologies to optimize website capacity.

Supervision and Training

For more than four decades MGF has been administering projects, programs and grants and has successfully supervised, trained and provided administrative direction to project staff engaged in our educational and cultural programs. Our Executive Director and President, a seasoned human resources expert, will oversee the project team to ensure that accountabilities and deliverables are clearly specified and completed on schedule.

MGF's past accomplishments include developing the first comprehensive environmental education curriculum in Hawai'i, to producing an award-winning distance learning program, to place-based stewardship programs in Kamananui Valley. They are listed below.

1. Development of *Huaka`i o Kamananui, Aloha Aina Moanalua*, the first and only place-based environmental education program for Kamananui (Moanalua) Valley.
2. Development of *Partners in Education*, a statewide, award-winning environmental education program for elementary school students
3. Development of the *'Ōhi'a Project Curriculum*, one of the most widely used environmental curricula in Hawaii's elementary schools
4. Development of *Exploring the Islands*, an award-winning distance learning program broadcast to public schools statewide, reaching 10,000 students and teachers yearly
5. Creation of the annual *Prince Lot Hula Festival*, the state's largest non-competitive hula event presented at Moanalua Gardens, attracting more than 200,000 persons over 38 years
6. Providing essential environmental education instruction for thousands of elementary school children. Over the 25 years the program was in existence, MGF has taught an estimated 80,000 students.

7. Providing field experiences for children and adults to reinforce classroom learning and teach responsible environmental stewardship, inspiring an estimated 25,000 children and adults over 3 decades
8. Serving as a major community steward for 46 years in protecting and preserving Kamananui (Moanalua) Valley and Moanalua Gardens

These impressive achievements demonstrate MGF's proven ability to provide exceptional administration, management and supervision for their projects and project personnel.

Since we are working with highly skilled individuals familiar with MGF and our programs, we do not anticipate having to initiate special training activities to enhance their capabilities. As detailed above, all of the individuals selected for the project team are imminently qualified for the positions described.

B. Organization Chart

An organization chart reflecting the staffing for this project is attached.

C. Compensation

MGF maintains a small staff of three individuals; two fulltime and one part time plus volunteer staff who do not receive salaries. The salaries of the two fulltime staff are:

- | | |
|-------------------------------------|----------|
| 1. Executive Director and President | \$70,000 |
| 2. Managing Director | \$67,500 |

VI. Other

A. Litigation

Currently MGF is seeking to resolve an issue regarding ownership of its office in Moanalua Gardens.

B. Licensure or Accreditation

MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* is compliant with HDOE's Hawai'i Common Core Standards in math, science, geography, geology, language arts, social sciences, and other areas. It also meets the Nā Honua Maui Ola Hawaiian Guidelines.

C. Federal and County Grants

MGF has not been awarded any federal or county grants for this project.

D. Private Educational Institutions

MGF does not intend to use this grant to support or benefit a sectarian or non-sectarian private educational institution.

E. Future Sustainability Plan

MGF has been laying the groundwork for program sustainability through a number of different ways. This project will help MGF leverage new funding opportunities.

Currently, MGF's income comes from a variety of sources including grants, sponsorships, contributions, membership dues, sales and special events income.

This year, MGF launched an initiative to become self-supporting as part of our Strategic Plan. This includes cultivating strategic partners, creating revenue-generating programs, increasing our membership base, seeking federal grants, and building our endowment fund.

In order to achieve financial independence, MGF has set the following goals:

- Develop and implement MGF's Huaka'i o Kamananui eco-tour program targeted to visitors seeking nature-based experiences
- Execute contracts with private and public entities to conduct a fee-based Huaka'i o Kamananui program
- Work with the Hawaii Tourism Authority and Hawai'i Convention Center to host cultural activities at Moanalua Gardens and in Kamananui Valley for visiting convention groups
- Develop community-based fee programs engaging cultural practitioners and visitors
- Partner with federal agencies in restoring the Kamananui watershed, natural habitats and indigenous species
- Cultivate major sponsors for the Prince Lot Hula Festival
- Identify strategic partners, including federal agencies, to create Hawai'i's first Sustainability and Healing Arts Center at Kamananui Valley and Moanalua Gardens
- Improve MGF's technology to generate revenue from merchandise, 'Ōhi'a Curriculum and other intellectual property sales via the internet
- Launch Endowment Campaign to raise 3 million dollars to generate operating income from investments

F. Certificate of Good Standing

A certificate of Good Standing from the Department of Commerce and Consumer Affairs dated January 20, 2016 is attached.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2016 to June 30, 2017

Applicant: Moanalua Gardens Foundation

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	34,020		34,020	
2. Payroll Taxes & Assessments	4,511		4,511	
3. Fringe Benefits	7,121			
TOTAL PERSONNEL COST	45,652		38,531	
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island	0			
2. Insurance	7,000			
3. Lease/Rental of Equipment	2,700		2,700	
4. Lease/Rental of Space	1,000			24,000
5. Staff Training	0			
6. Supplies	2,000			
7. Telecommunication	5,500			
8. Utilities	1,200			
9. Website Maintenance	3,500			
10. Postage, Freight, Delivery	1,200			
11. Program Activities - Instrc. Stipends	8,000			
12. Publications & Printing - Curriculum	4,000			
13. Equipment Repair & Maintenance	700			
14. Nature-based Excursions	6,000			
15. Contractual Svcs. - Admin./Proj. Mngt	50,340			17,160
16. Contractual Svcs. - Project Staff	0			15,000
17. Food & Refreshments - Workshops	1,800			
18. Audit & Accounting	10,000		2,000	
19				
20				
TOTAL OTHER CURRENT EXPENSES	104,940		4,700	56,160
C. EQUIPMENT PURCHASES	0			
D. MOTOR VEHICLE PURCHASES	0			
E. CAPITAL	0			
TOTAL (A+B+C+D+E)	150,592	0	43,231	56,160
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	150,592	Alexander Aika D. Jamile		265-6374
(b) Total Federal Funds Requested	0	[REDACTED]		Phone
(c) Total County Funds Requested	43,231			Jan. 22, 2016
(d) Total Private/Other Funds Requested	56,160	Date		
TOTAL BUDGET	249,983	Name and Title (Please type or print)		

GOVERNMENT CONTRACTS AND / OR GRANTS

Applicant: Moanalua Gardens Foundation

Contracts Total:

735,000

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	Huaka'i o Kamananui Stewardship Project	Contract pending	DLNR	State	125,000
2	Kamananui Valley Road Improvements (CIP)	10/2/2014-4/1/2016	DLNR	State	610,000
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**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS PURSUANT TO
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.

- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.

- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawaii Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

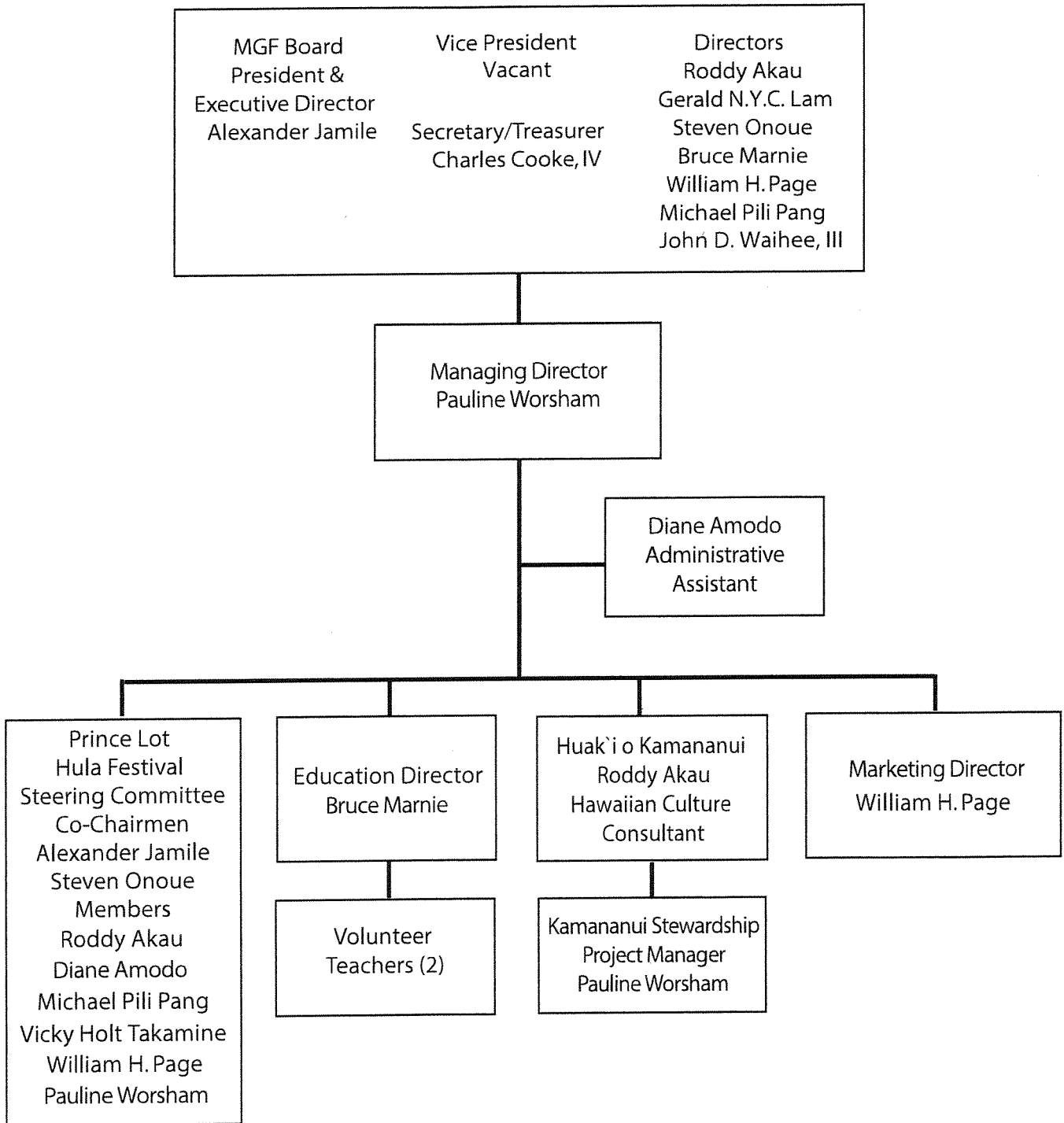
Moanalua Gardens Foundation
(Typed Name of Individual or Organization)

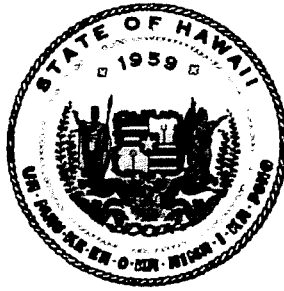


January 22, 2016
(Date)

Alexander Alika D. Jamile
(Typed Name) Executive Director & President
(Title)

Moanalua Gardens Foundation Organization Chart





Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

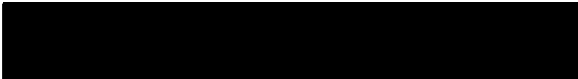
I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

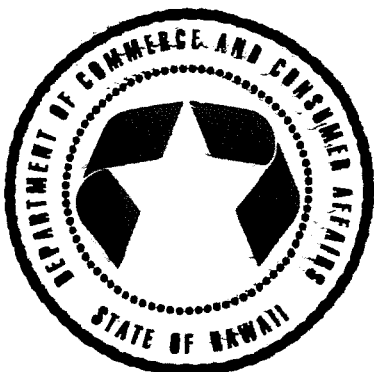
MOANALUA GARDENS FOUNDATION, INC.

was incorporated under the laws of the State of Hawaii on 06/04/1970 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.

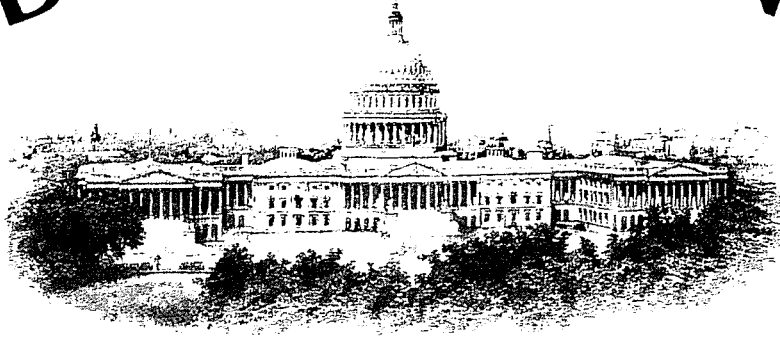
IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

Dated: January 20, 2016


Director of Commerce and Consumer Affairs



UNITED STATES CONGRESS



Message

U.S. Environmental Protection Agency
❖ **2006 Environmental Achievement Award** ❖
Moanalua Gardens Foundation

April 18, 2006

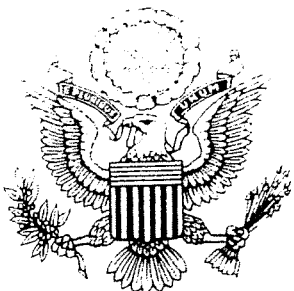
With much aloha, I would like to offer my sincere congratulations and best wishes to the board of directors, staff and volunteers at the Moanalua Gardens Foundation (MGF) upon being selected as a recipient of a “**2006 Environmental Achievement Award**” from the United States Environmental Protection Agency.

Since its inception in 1970, the Moanalua Gardens Foundation has been dedicated to safeguarding **Kamananui** (Moanalua Valley) and our islands natural resources. The MGF raises awareness about the importance of land conservation; protecting our ecosystem; and encourages re-appropriating plants and fauna indigenous to Hawaii.

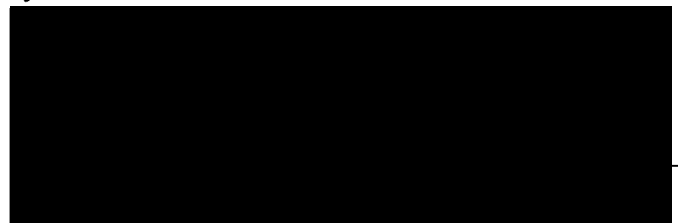
The curriculum used by MGF in its “Partners in Education” Program is unique and appropriate to our island traditions because it infuses culture with service delivery and reflects core values and traditions passed on from one generation to another in Hawaii.

I would especially like to commend Mahealani Merryman and Pauline Worsham for their hard work, dedication and perseverance. Surely MGF’s receipt of this special recognition was a result of your combined efforts; both of you play a part in MGF’s success as an organization and as one of Hawaii’s best partners for conservation.

Again, congratulations to the Moanalua Gardens Foundation for receiving a “**2006 Environmental Achievement Award**” from United States Environmental Protection Agency. Mahalo for making a difference. I wish you continued success.



Congressman Neil Abercrombie
Hawaii-First Congressional District



**MEMORANDUM OF UNDERSTANDING
 BETWEEN
 MOANALUA GARDENS FOUNDATION, INC.
 AND THE
 STATE OF HAWAII BOARD OF LAND AND NATURAL RESOURCES
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 DIVISION OF FORESTRY AND WILDLIFE
 FOR
 USE OF PORTIONS OF KAMANANUI VALLEY
 LOCATED WITHIN THE MOANALUA PORTION OF THE
 HONOLULU WATERSHED FOREST RESERVE**

This Memorandum of Understanding, made and entered into on this 23rd day of April, 2012, by and between Moanalua Gardens Foundation, Inc., a Hawaii nonprofit corporation, (hereinafter referred to as the "MGF") and the State of Hawaii, by its Board of Land and Natural Resources, and through the Department of Land and Natural Resources ("DLNR"), Division of Forestry and Wildlife, (hereinafter referred to as "DLNR/DOFAW") upon the issuance of a Right of Entry (ROE) regarding the Honolulu Watershed Forest Reserve (Moanalua section).

WITNESSETH

WHEREAS, DLNR's mission is to manage, administer, and conserve State public lands, including cultural and natural resources, and does so through eight operating divisions; and

WHEREAS, DLNR/DOFAW is responsible for the management of State-owned forests, natural areas, public hunting areas, and plant and wildlife sanctuaries; and implements programs to protect and enhance forested watersheds, outdoor recreation, unique ecosystems, and endangered species of plants and wildlife; and

WHEREAS, pursuant to §198D-2, HRS, the Department of Land and Natural Resources, Division of Forestry and Wildlife (DLNR/DOFAW) is charged with the responsibility to plan, develop, acquire land or rights for public use of land, construct, restore, and engage in coordination activities to implement the Na Ala Hele statewide trail and access program; and

WHEREAS, Na Ala Hele has designated the Kamananui Valley road located in the Honolulu Watershed Forest Reserve as a Na Ala Hele program trail; and

WHEREAS, Kamananui Valley is owned by/under the control of the State of Hawaii through DLNR, and is described/shown in Exhibit A attached hereto and incorporated by reference (hereinafter referred to as the "Trails"), and further described as certain property within the Honolulu Forest reserve on the Island of Oahu, State of Hawaii, under Tax Map Key nos. (1) 1-1-012:035 and (1) 1-1-013:001; and

WHEREAS, MGF desires access on DLNR land in Kamananui Valley for their educational programs, and this access is deemed of high importance for public education use; and

WHEREAS, it is the purpose of MGF to provide field programs on environmental education, and MGF has over twenty-five years of experience in working with DLNR divisions and the Hawaii State Department of Education to provide these educational field programs for school children and interpretation of resources on State lands for the public; and

WHEREAS, MGF has the educational and interpretive expertise while DLNR has limited staff and funding for such activities; and

WHEREAS, extending information to the public about appreciating, understanding and protecting natural resources is a priority of DLNR and a well-informed public would facilitate proper management of these resources; and

WHEREAS, pursuant to the public meeting of the Board of Land and Natural Resources on December 9, 2011, as agenda item C-4, MGF is agreeable to provide certain assistance to DLNR/DOFAW with improvements to Kamananui (Moanalua) Valley; and

WHEREAS, a Memorandum of Understanding that clarifies the relationship between DLNR and MGF would greatly benefit both parties and the general public by enabling MGF to enhance and expand their services with a commitment of assistance and cooperation by DLNR, now both parties hereto deem it mutually advantageous and desirable to cooperate and hereby agree as follows:

DLNR/DOFAW agrees to:

- 1. Continue with existing management and maintenance of Kamananui (Moanalua) Valley as funding and personnel resources permit.**
- 2. Allow MGF and their educational participants non-exclusive access to conduct activities on state-owned lands open to the public in Kamananui Valley as identified in maps (see Exhibit A) for the purposes of environmental and cultural education.**
- 3. Assist MGF in obtaining a Right of Entry for access into the Kamananui (Moanalua) Valley for the purpose of facilitating environmental and cultural education programs.**
- 4. Notify MGF within two working days upon discovering any hazardous or unsafe conditions on or within fifty (50) feet of the Trails.**

MGF agrees to:

- 1. As the party conducting activities pursuant to this MOU, MGF waives any and all claims it may have against the State of Hawaii, including DLNR, and its respective officers, agents and employees, and agrees to hold harmless and indemnify the State of Hawaii and its respective officers, agents and employees from any suits, actions**

and claims arising out of or in any way connected with the activities allowed under this Memorandum of Understanding. This indemnification shall be in effect only so long on this Memorandum of Understanding and/or Right of Entry is in effect.

- 2. Provide a certificate of comprehensive general liability insurance, or its equivalent, with an insurance company or companies licensed or authorized to do business in the State of Hawaii with an AM Best rating of not less than "A-" or other comparable and equivalent industry rating, in an amount of no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate, with coverage terms acceptable to the DLNR Chairperson. Organizations operating motor vehicles must have automobile liability of no less than \$500,000 per occurrence and \$1,000,000 in the aggregate. The State of Hawaii must be named as an additional insured. Certificates of Insurance will be provided to DLNR. The policy must be current for the duration of the Right of Entry. The insurance carrier is to notify the respective DLNR/DOFAW Branch staff if the policy is dropped or changed.**
- 3. Obtain and submit liability waivers and indemnification agreements as required by DLNR from all users.**
- 4. Notify and consult with DLNR/DOFAW regarding general programs of management and maintenance that utilize lands under the jurisdiction of DLNR/DOFAW.**
- 5. Prepare program plans, including maps, detailing current and future curricula and the implementation thereof, which will include projected impact related to use of adjacent natural resources.**
- 6. Assist DLNR in any environmental review and compliance required under chapter 343, HRS. Although not anticipated, in the event that an environmental assessment is required, the Parties may decide whether to move forward with issuance of the Right of Entry.**
- 7. Assist DLNR/DOFAW in serving the general public by disseminating any DLNR-provided maps of Kamananui Valley as well as general information regarding the trails.**
- 8. Provide environmental and cultural education interpretive services at various locations within Kamananui Valley. These services may include:**
 - School programs**
 - Family programs**
 - Community programs**
 - Non-commercial Eco-tourism programs**
- 9. Coordinate and supervise volunteer services for educational and interpretive sites. Volunteer services may include:**
 - Docents for educational/interpretive programs**
 - Workers for maintenance of trails and program sites**

10. **Recognize DLNR/DOFAW's exclusive authority to close public access along the Kamananui (Moanalua) Valley Trail upon DLNR's assessment that the trail conditions are considered too hazardous for public access.**
11. **Notify DLNR within two working days whenever MGF becomes aware of unsafe site conditions as ascertained directly or through the public or MGF's representatives.**
12. **Notify DLNR within two working days upon discovering damage to or disrepair of DLNR's property.**
13. **Agree that this document does not constitute an exclusive agreement in the use of affected resources, or in the conducting of environmental and cultural programs.**

THE PARTIES FURTHER AGREE THAT:


1. **This Memorandum of Understanding will remain in effect as long as MGF abides by the conditions stated herein and may be altered only by written agreement of the parties.**
2. **This Memorandum of Understanding may be terminated by MGF or DLNR upon thirty (30) Days written notice to the other party.**
3. **All notices, bills, demands, payments, accounting or other communications that any party desires or is required to give under the provisions of this Memorandum of Understanding shall be given in writing and shall be deemed to have been given if hand delivered, sent by facsimile, or if mailed by United States mail, prepaid to the respective other party or parties at the address noted below or such other address as a party may designate in writing from time to time, provided, however, that any and all notices, shall be delivered by Certified Mail:**

Moanalua Gardens Foundation, Inc.:
1352 Pineapple Place
Honolulu, Hawaii 96819-1754
(808) 839-5334
(808) 839-3658 (fax)

Department of Land and Natural Resources:
Division of Forestry and Wildlife
Department of Land and Natural Resources
2135 Makiki Heights Drive
Honolulu, Hawaii 96822
(808) 973-9782
(808) 973-9781 (fax)

IN WITNESS WHEREOF, the Moanalua Gardens Foundation, Inc. and the State of Hawaii, Department of Land and Natural Resources have executed this Memorandum of Understanding as of the date first above written.

**MOANALUA GARDENS FOUNDATION, INC.,
a Hawaii nonprofit corporation**

By 
Title Exec. Dir./President

**Approved by the Board
of Land and Natural Resources
at its meeting on:
December 9, 2011.**

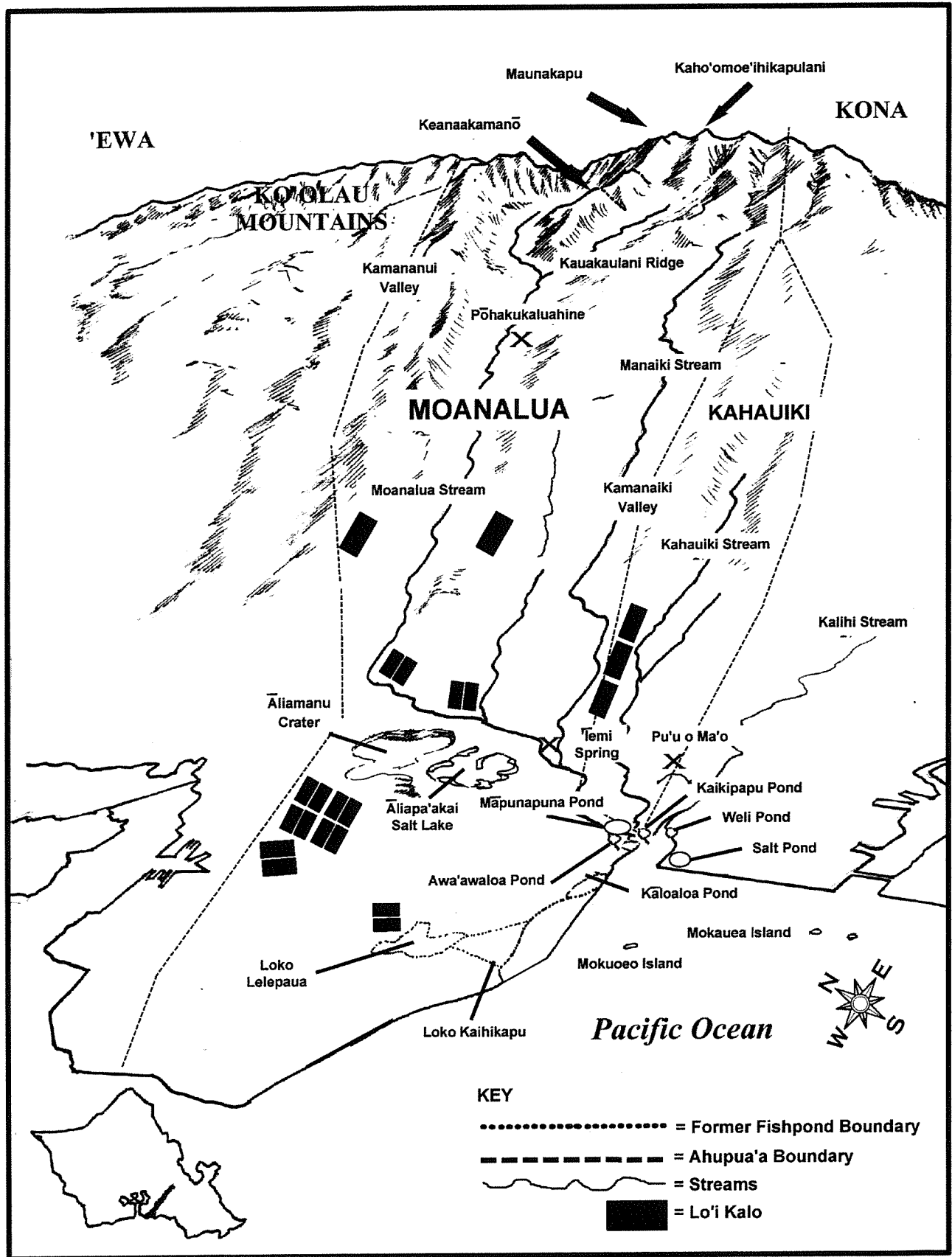
**STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL
RESOURCES**

BCC By 
Chairperson

APPROVED AS TO FORM:



Date: 4/2/12



'EWA

Maunakapu

Kaho'omoe'ihikapulani

KONA

Kō'OLAU MOUNTAINS

Keanaakamaō

Kamananui Valley

Kauakaulani Ridge

Pōhakukalauhine

MOANALUA

KAHAIKI

Manaiki Stream

Moanalua Stream

Kamaikai Valley

Kahauiki Stream

Kaili Stream

Aliamanu Crater

Temi Spring

Pu'u o Ma'o

Aliapa'akai Salt Lake

Māpunapuna Pond

Kaikipapu Pond

Weli Pond

Salt Pond

Awa'awaloa Pond

Kāloaloa Pond

Loko Lelepau

Loko Kaihikapu

Mokauea Island

Mokuoeho Island

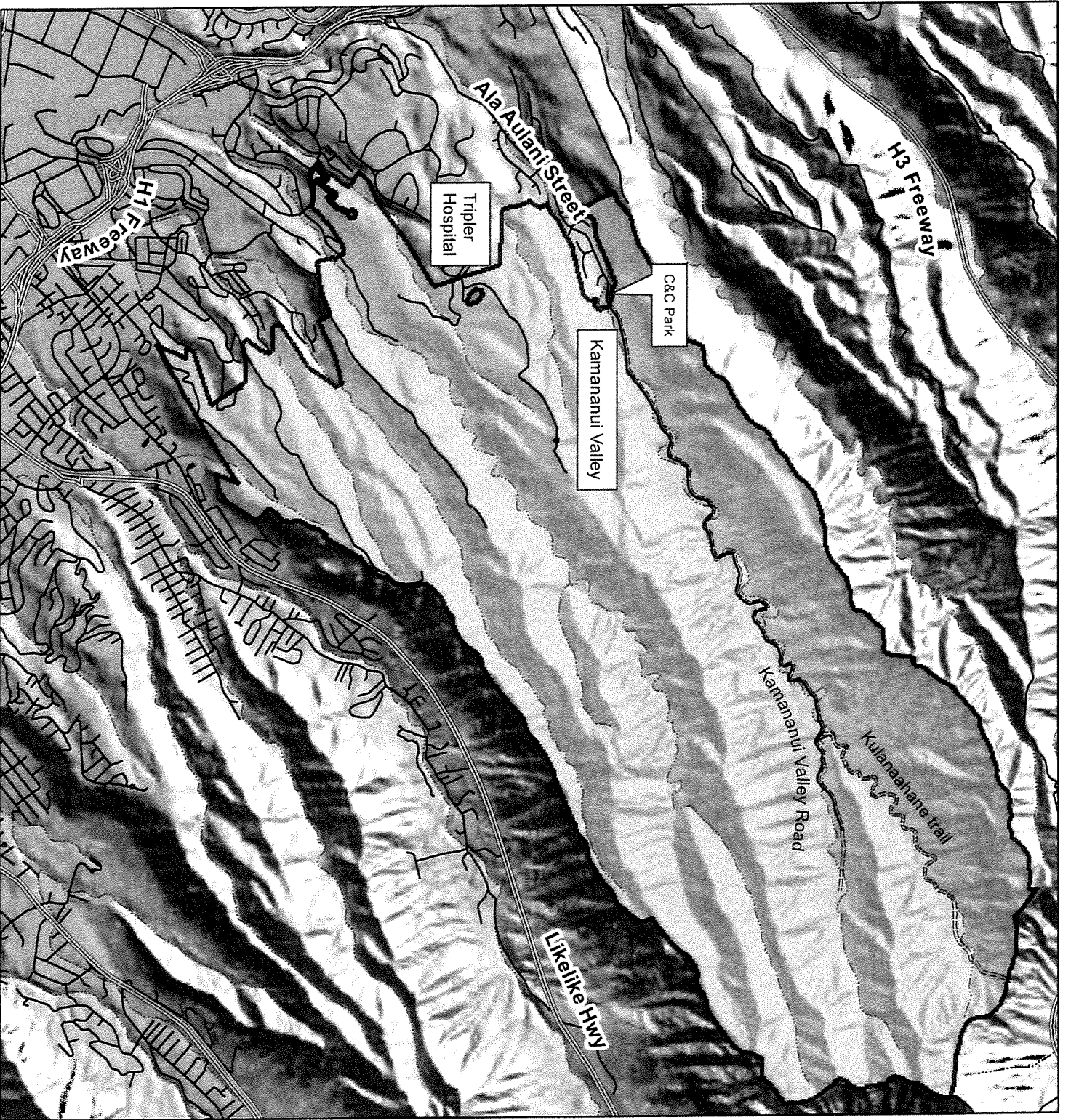
Pacific Ocean



KEY

- = Former Fishpond Boundary
- = Ahupua'a Boundary
- ~~~~~ = Streams
- = Lo'i Kalo

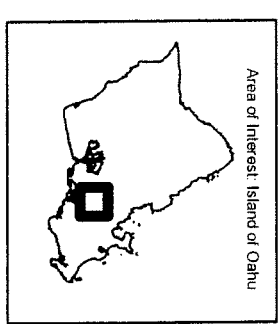
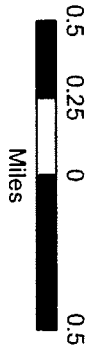




**Honolulu Watershed
Forest Reserve
(Moanalua Section):
Proposed
Na Ala Hele Trails**

Legend

- ==== Major Roads
- Minor Roads
- ===== Proposed NAH Trails
- Streams
- HWFR (Moanalua Sec)



Department of Land and Natural Resources
Division of Forestry and Wildlife
Oahu Branch
2135 Maki Heights Drive
Honolulu, HI 96822
May 2009 M.Zell