

# SIXTH STATUS REPORT

Submitted to NOAA National Marine Fisheries Service, Pacific Islands Regional Office (PIRO), Habitat Conservation Division (HCD)



**National Oceanic and Atmospheric Administration**

Performance Period: 1st May 2015 through 30th June 2015  
Contract Award Number: DG-133C-12-BA-0079 C-0006  
Multiple Conservation Activities to Improve Coastal Habitats, Community Resiliency, and Watershed Management in American Samoa

**July 2015**

**PROVIDED BY:**



**HAWAI'I INTERNATIONAL ENVIRONMENTAL SERVICES, INC.**

**A WOMAN-OWNED SMALL BUSINESS**

**Earth Scientists and Environmental Engineers**

Hawaii Contractors License No. AC-21139

Japan Environmental Registry No. KAA2003-2-98

70 Kihapai Street, Kailua, Hawaii 96734 Office (808) 263-4787 Fax (808) 263-0860

[www.hiesinc.com](http://www.hiesinc.com)

**THIS PAGE INTENTIONALLY LEFT BLANK**

## Overview of Requirements

### Introduction:

Under the contract DG-133C-12-BA-0079 C-0006, Hawai'i International Environmental Services (HIES), Inc. has provided logistical support and administrative assistance service to the National Marine Fisheries Services (NMFS) Habitat Conservation Division (HCD) in support of coordinating, planning, and organizing of conservation activities in American Samoa. In 2011 through 2013, the local management community, through the Coral Reef Local Action Strategies (LASs), has facilitated several environmental education campaigns that focus on reef resilience, watersheds, and coral reefs. The focus of this project is to provide support and coordination for conservation activities such as education and outreach, community resiliency, and restoration to enhance the effectiveness of planning and management capability to address coral reef management and climate resiliency in American Samoa.

HIES has provided logistical support and administrative services to the NOAA NMFS-Habitat Conservation Division, during the calendar year 2014, and will support in 2015 to coordinate an efficient mechanism to deliver payments to local vendors for project supplies, production of outreach materials, and village members who are assisting in the project activities. HIES assists by subcontracting village members, procuring project supplies from local and online vendors, graphic design, banner and poster creation, and regular communication with the COR on budget reports and management. The expected location for contractor services is in Tutuila, American Samoa.

### HIES Responsibilities:

- Set up subcontracts with six (6) village members for removing the Tamaligi trees in Faga'alu watershed and conduct restoration work
- Procure necessary project supplies and materials from local and online vendors
- Create, design, and print brochures and posters for community outreach events
- Provide status report to the COR with Invoice.

## Sixth status report

The following status report is being submitted to the U.S. National Oceanic and Atmospheric Administration (NOAA) as per the terms stated under contract to HIES. This is the status report being submitted under contract.

### Scope of work - Activity# 1

Provide logistical support and administrative assistance service to the project coordinator and project implementation partners by hiring subcontractors to assist in the removal of invasive Tamaligi trees and conservation efforts in Faga'alu watershed.

## 1. Summary of Work Completed During the Performance Period

As per the terms of the contract DG-133C-12-BA-0079 C-0006 Activity #1, American Conservation Experience (ACE), was subcontracted to retain interns from the local Samoan Community to assist with the removal of invasive Tamaligi trees in the Faga'alu Watershed.

Work began on December 8, 2014 with orientation and training of 5 interns in coordination and with assistance by the National Parks Service (NPS). Orientation took place over a period of two days December 8<sup>th</sup> and 9<sup>th</sup>.

### December 2014

During December 2014 and January 2015, the interns practiced Tamaligi tree eradication techniques at 6 sites throughout the island.

For the month of December a total of 498 Tamaligi trees were eradicated. The Diameter at Breast Height (DBH) measurements during the month, or standard method of expressing the diameter of the trunk or bole of a standing tree, resulted in 16,257.30 centimeters (CM) of Tamaligi trees being eradicated.

### January 2015

For the month of January, a total of 722 Tamaligi trees and 24,785.20 DBH in CM were eradicated during the month.

### February 2015

For the month of February, a total of 929 Tamaligi trees and 37,136.04 DBH in CM were eradicated during the month.

### March 2015

For the month of March, a total of 626 Tamaligi trees and 25,078.20 DBH in CM were eradicated during the month.

April 2015

For the month of April, a total of 600 Tamaligi trees and 23,663.90 DBH in CM were eradicated during the month.

May 2015

For the month of May, a total of 500 Tamaligi trees and 20,651.20 DBH in CM were eradicated during the month.

June 2015

For the month of June, a total of 2,028 Tamaligi trees and 95,937.70 DBH in CM were eradicated during the month.

To date, a total of 5,903 Tamaligi trees have been removed and a total of 801 acres have been restored.

**Scope of work - Activity# 2**

Provide logistical support and administrative assistance service to NOAA by creating, designing, printing, and procuring outreach materials for community meetings and outreach campaigns.

**2. Summary of Work Completed During the Performance Period**

The graphics and designs of outreach materials utilized background information, graphics, and imagery gained through work done in Activity 1. Feedback and input from local partners assisted in generating designs geared towards the local communities.

The draft poster and tri-fold brochure designs were submitted to the COR on June 26, 2015 for approval.

**ATTACHMENT**  
**AMERICAN CONSERVATION EXPERIENCE**  
**PROGRESS REPORT**



# FY 2015 TAMALIGI PROJECT MAY PROGRESS REPORT TO HIES



View of the west side of Tutuila.

PRESENTED BY AMERICAN CONSERVATION EXPERIENCE





# TABLE OF CONTENTS

- 04 Summary
- 05 Map of Tamaligi removal sites
- 06 Tamaligi killed biweekly, FY15
- 07 Photos of treatment sites
- 09 Contact

## **Summary**

### **Reporting Period: 5-3-15 to 5-30-2015**

During the last two Pay Periods crews have killed all safely accessible Tamaligi populations within the Faga'alu watershed. In addition, Crews killed most of the Tamaligi trees adjacent to the Faga'alu watershed utilizing the Milestone herbicide. Crews will be completing eradication of the remaining Tamaligi trees in the final work period to be completed in June.

During the last PPs we have killed 500 mature Tamaligi trees. The average DBH of the trees killed is 41cm. A total of 70 acres of native forest has been reclaimed.

In addition we are working directly with HIES staff to produce educational material (poster, brochure, etc.) to help inform the Faga'alu village communities about the values and benefits of the restoration of their watershed.

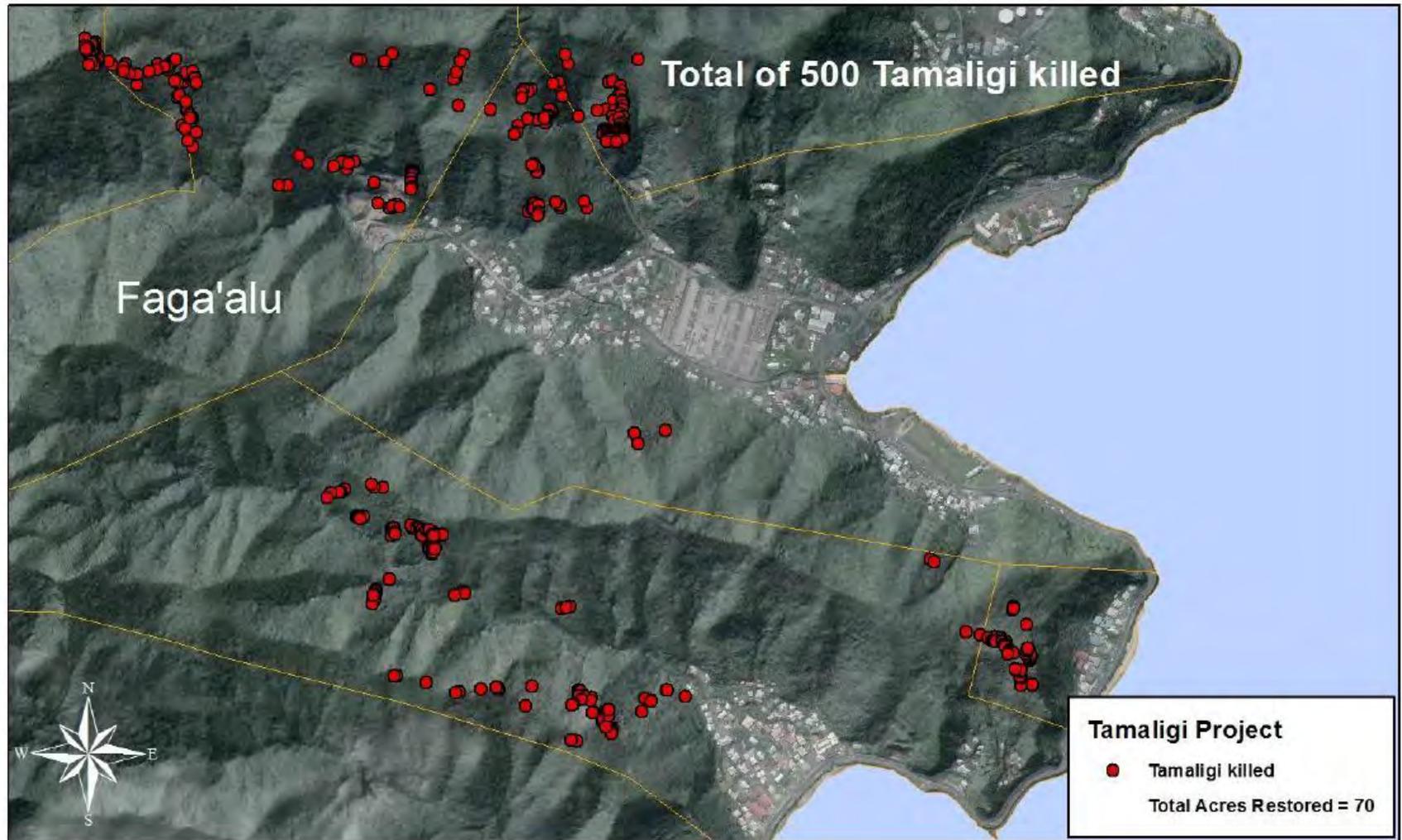
# MAP OF HIES-NOAA REMOVAL SITES

## National Park of American Samoa HIES-NOAA Tamaligi Removal Project

National Park Service  
U.S. Department of the Interior

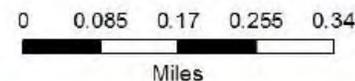


Right: The sites  
where the HIES  
crew removed  
Tamaligi  
May 2015



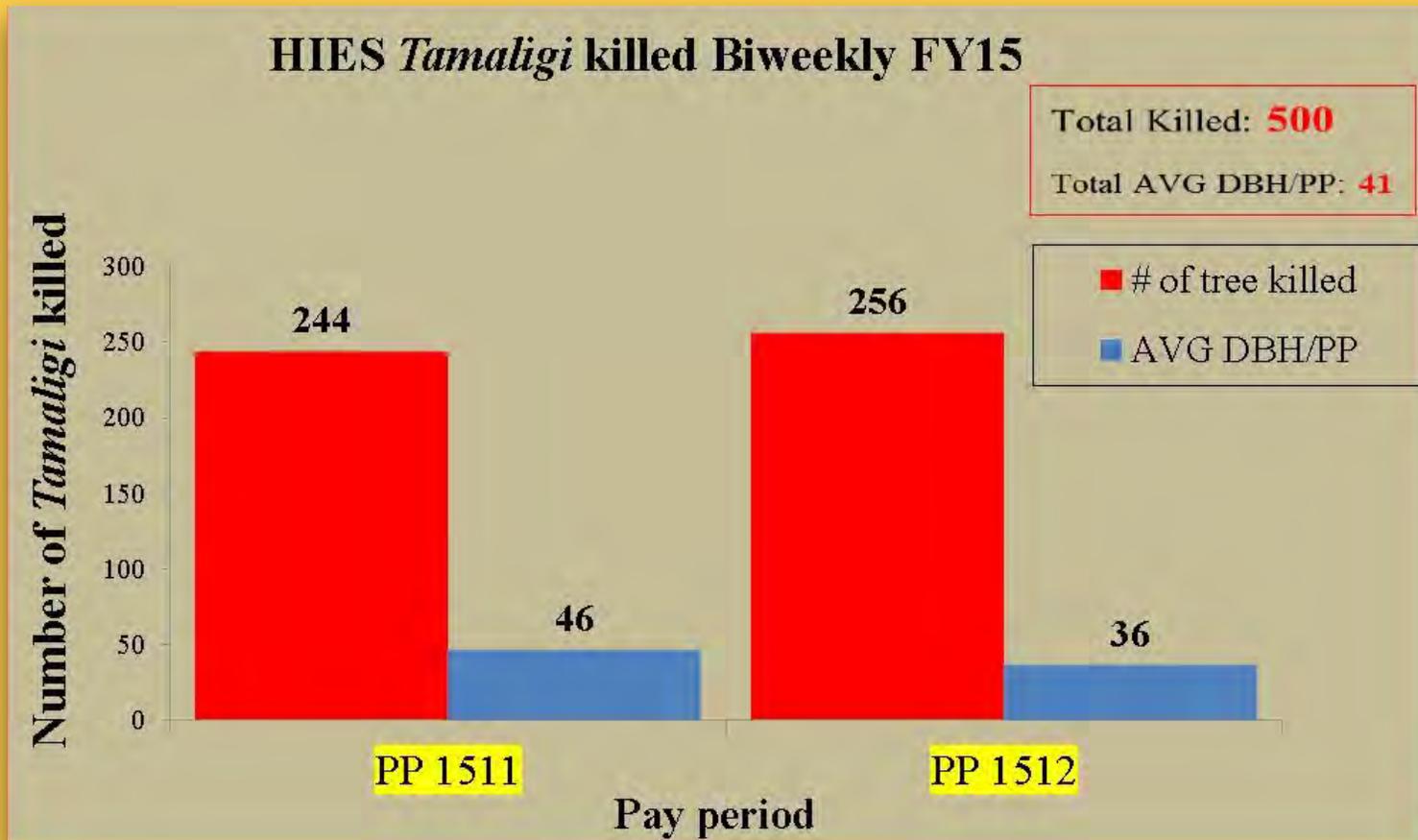
1:11,092

Map coordinate system:  
WGS84 UTM Zone 2S



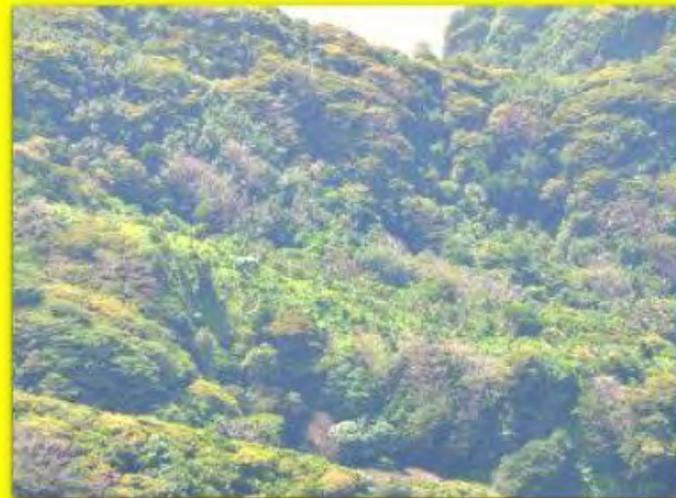
Map produced by:  
[Terrestrial]  
Date: 6/2/2015

# HIES TAMALIGI KILLED BIWEEKLY FY 15



HIES <i>Tamaligi</i> Killed Biweekly FY 15				
Pay Period		# of tree killed	DBH in CM	AVG DBH/PP
PP 1511	5/3-5/16	244	11329.4	46
PP 1512	5/17-5/30	256	9321.8	36
<b>Grand Total:</b>		<b>500</b>	<b>20651.2</b>	<b>41</b>







FOR FURTHER DETAILS OR CLARIFICATION PLEASE CONTACT:

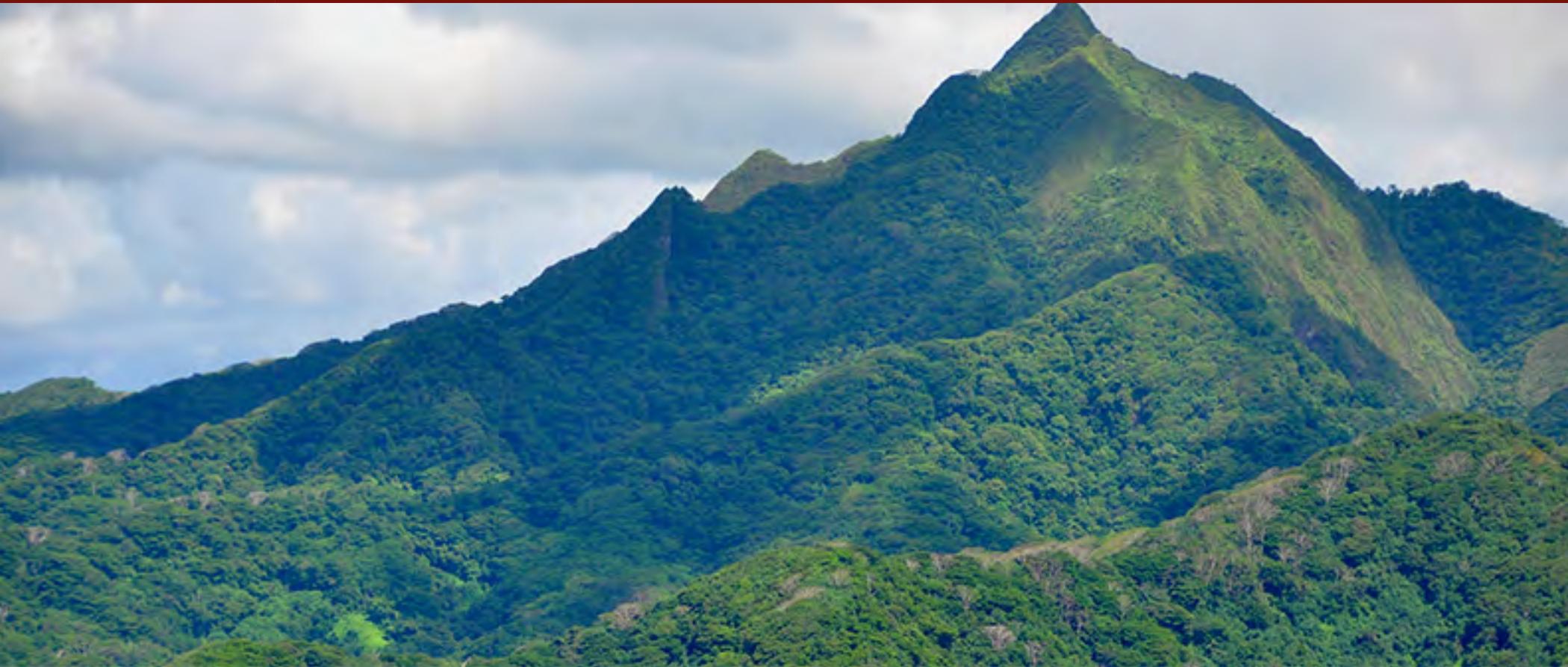
CHRIS BAKER, PRESIDENT  
WORK CELL | (928) 699-1068  
CBAKER@USA CONSERVATION.ORG

FOR FORMS AND TIMESHEETS PLEASE CONTACT:

JANET TONGEN, OFFICE MANAGER  
OFFICE TEL | (928) 440-5028  
JTONGEN@USA CONSERVATION.ORG



# FY 2015 TAMALIGI PROJECT JUNE PROGRESS REPORT TO HIES



View of the west side of Tutuila.

PRESENTED BY AMERICAN CONSERVATION EXPERIENCE





# TABLE OF CONTENTS

- 04 Summary
- 05 Map of Tamaligi removal sites
- 06 Tamaligi killed biweekly, FY15
- 07 Photos of treatment sites
- 10 Contact

## **Summary**

### **Reporting Period: Final Field Work 5-31-15 to 6-13-2015**

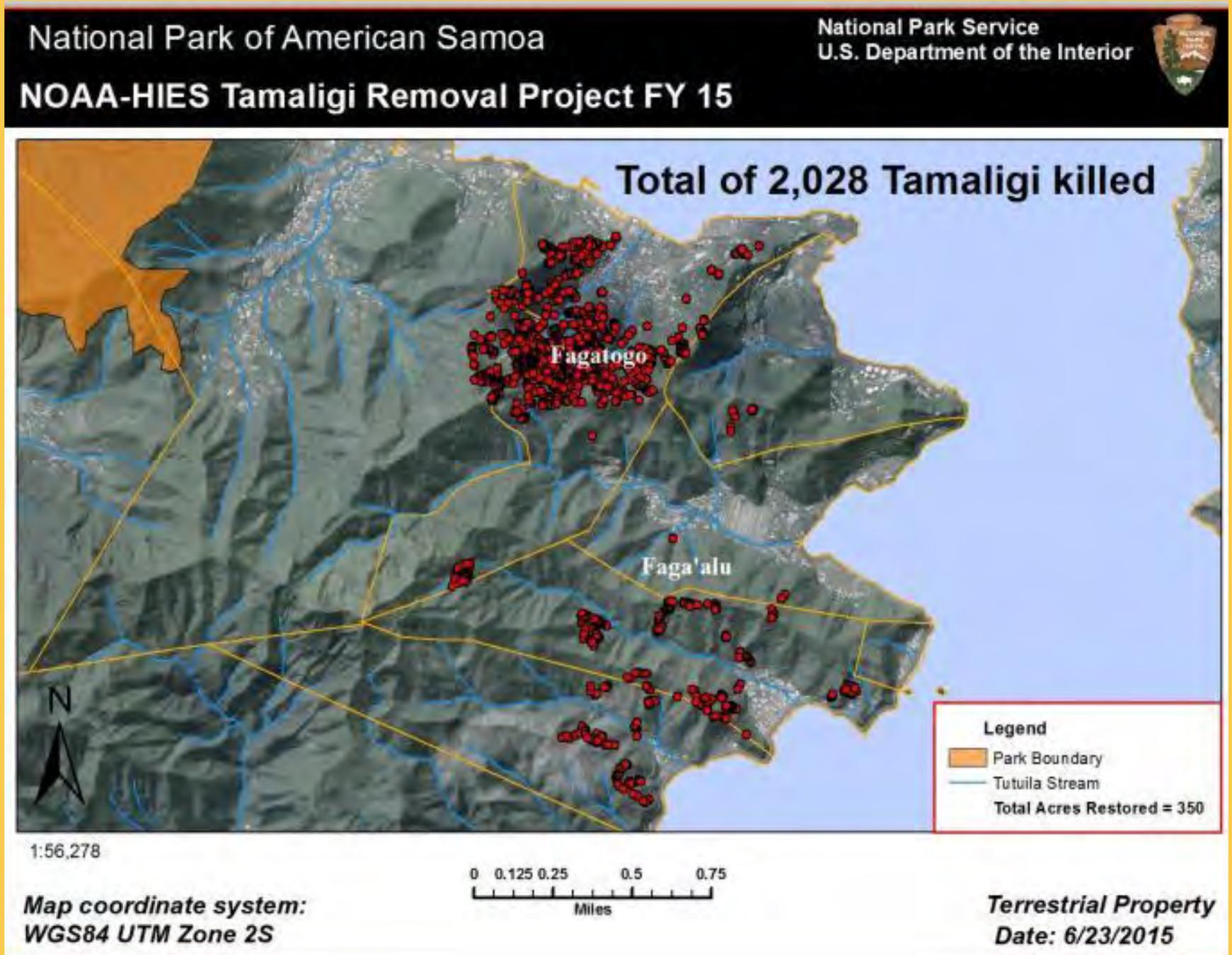
During the final Field Work period, American Conservation Experience Crews have completed killing all safely accessible Tamaligi population within Faga'alu watershed.

In addition, we cleared all the Tamaligi population adjacent to the Faga'alu watershed creating a 1-2 miles buffer zone to prevent immediate Tamaligi re-invasion of the Faga'alu watershed.

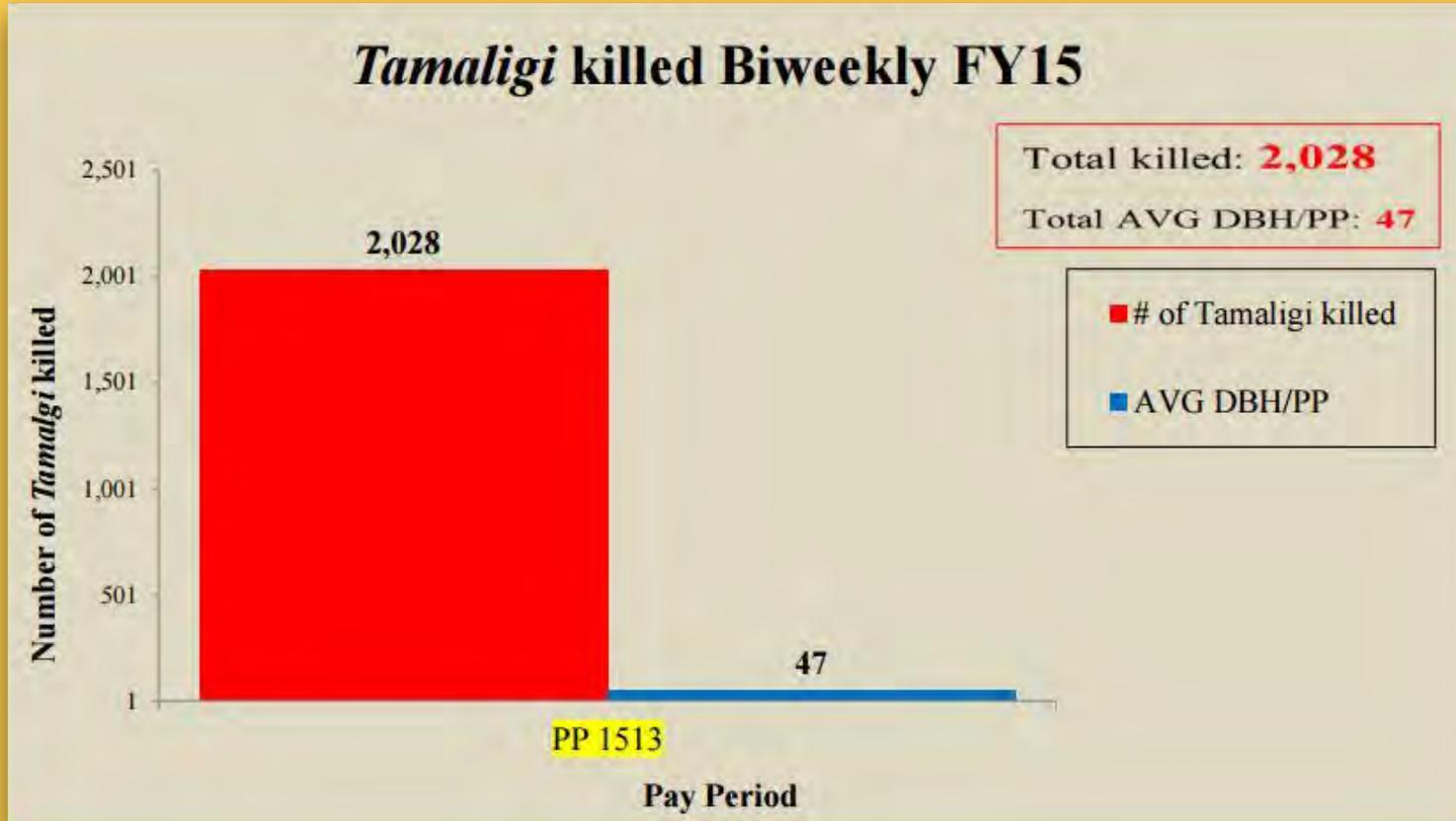
Project wrap up, administrative work to be completed during period 6-14-15 to 6-27-15 for completion of contract 6-30-2015

# MAP OF HIES-NOAA REMOVAL SITES

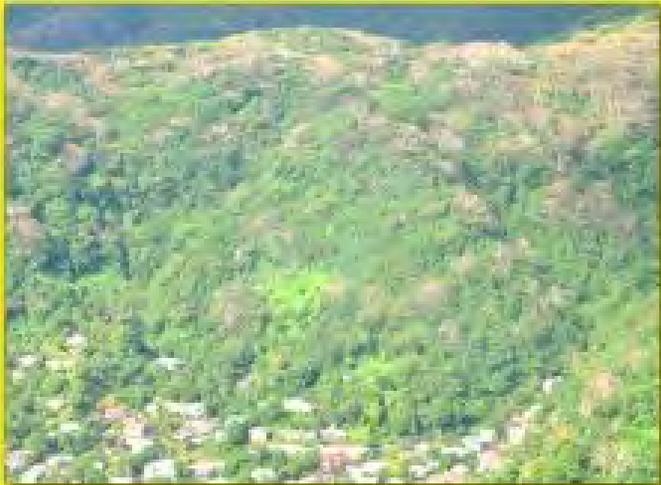
Right: The sites where the HIES crew removed Tamaligi  
June 2015



# HIES TAMALIGI KILLED BIWEEKLY FY 15

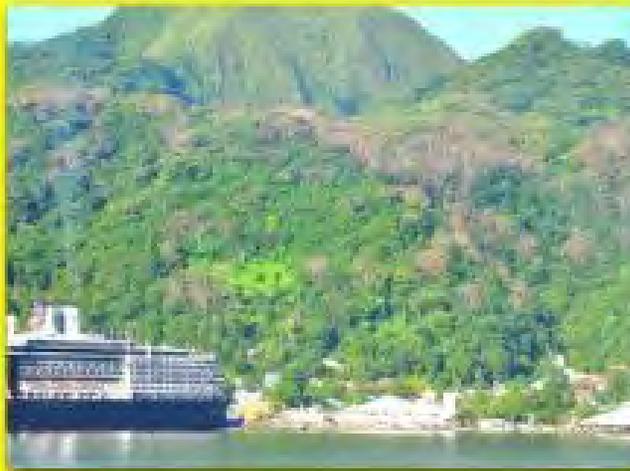


<b>HIES Final Report: <i>Tamaligi</i> killed Biweekly FY 15</b>				
<b>Pay Period</b>		<b># of <i>Tamaligi</i> killed</b>	<b>DBH in CM</b>	<b>AVG DBH/PP</b>
<b>PP 1513</b>	<b>5/31-6/27</b>	<b>2,028</b>	<b>95937.7</b>	<b>47</b>
<b>Grand Total:</b>		<b>2,028</b>	<b>95937.7</b>	<b>47</b>



# Faga'alu-Fagatogo Upland Forests





## Faga'alu-Fagatogo Upland Forests



**Faga'alu ridge forests view from  
Mt. Matafao**





FOR FURTHER DETAILS OR CLARIFICATION PLEASE CONTACT:

CHRIS BAKER, PRESIDENT  
WORK CELL | (928) 699-1068  
CBAKER@USA CONSERVATION.ORG

FOR FORMS AND TIMESHEETS PLEASE CONTACT:

JANET TONGEN, OFFICE MANAGER  
OFFICE TEL | (928) 440-5028  
JTONGEN@USA CONSERVATION.ORG