



1. RESTORATION SUMMARY

October - November 2015

Hakioawa Watershed Restoration – DOH3+

In October, Volunteers from Queen Lili'uokalani Children's Center built rock corridors and installed irrigation line. Later in the week volunteers from the University of Hawai'i Ethnobiology Society installed emitters, planted aki aki and set out erosion control structures. In November, volunteers from Maui Invasive Species Committee and the East Maui Watershed Partnership planted 'ohai, ma'o, wiliwili, kolomona, 'ilima, aweoweo, pu'u ka'a, aki aki and installed check dams. The combined accesses resulted in 2000 new outplantings and 18 checkdams in the tier one project site. In addition, 4.7" of rain fell in October and November.



Hawai'i Invasive Species Council (HISC) Bio-security Implementation Project

In November KIRC received a \$49,066 grant from HISC to implement a KIRC Bio-security Plan. The project will take place on Maui and Kaho'olawe and centers around the prevention of new Invasive Alien Species (IAS) to Kaho'olawe and eradication of target species. The ultimate purpose of this project is take a proactive approach to invasive species management on Kaho'olawe to prevent new introductions and to eradicate target species. Activities include the creation and implementation of a comprehensive bio-security plan, public outreach, education, biological inventory, early detection of IAS and control.

In October and November surveys on Kaho'olawe turned up two target species for eradication on Kaho'olawe. Khaki weed (*Alternanthera pungens*) was located and removed near the Honokanai'a Landing Zone during the Baseline Vegetation Survey. The previously known location of less than 6 individuals of fountain grass (*Cenchrus setaceus*) was expanded to survey 200 acres. The survey revealed an infestation of over 400 individuals. Eleven pounds of fountain grass seed were bagged up and quarantined. All known individuals were either pulled up with hand tools or treated with herbicide. Mahalo to the Maui Invasive Species Committee (MISC) for working with KIRC staff to develop a sound protocol for detection and control.

Lua 'O Keāliialalo Fountain Grass Locations and Search Area Oct-Nov, 2015



Kaho'olawe Island Reserve



Over 400 Plants
Treated and 150
Acres Searched.

