

Progress Report to the Twenty-Seventh Legislature  
Regular Session of 2013

**PROGRESS REPORT ON THE MAKAHA VALLEY FLOOD STUDY**  
**State Fiscal Year 2012**



Prepared by the  
Department of Land and Natural Resources  
State of Hawaii

In response to  
Act 283, Session Laws of Hawaii 2012

October 2012

## **PROGRESS REPORT ON THE MAKAHA VALLEY FLOOD STUDY State Fiscal Year 2012**

This progress report is prepared pursuant to Act 283, Session Laws of Hawaii 2012, and covers the period July 1, 2012 through September 30, 2012.

### **INTRODUCTION**

Makaha Valley is a major watershed on the Waianae Coast, Oahu. The runoff from this watershed flows into streams, which in the past have resulted in flooding. The Federal Government will not conduct a federal flood control study for Makaha Valley because Makaha Valley does not include federal land. Although a Waianae Watershed Management Plan was prepared for the Honolulu Board of Water Supply, a study focused specifically on Makaha Valley is vital to identify specific recommendations for the control of storm drainage to reduce recurring flooding to residences and businesses in the area.

The Department of Land and Natural Resources (Department), Engineering Division, has been tasked with the responsibility of conducting a flood study for the Makaha Valley that will address the following:

- (1) Specific recommendations for the control of storm damage throughout Makaha Valley to reduce repetitive flooding to residences and businesses in the area;
- (2) A cost-benefit analysis of the recommendations proposed;
- (3) Identification and evaluation of the desired, intended, and potential unintended effects of the recommendations;
- (4) A timetable for the implementation of the recommendations; and
- (5) Any other issues deemed necessary or relevant by the chairperson of the board of land and natural resources.

Additionally, the Act requires that the Department submit a written report of its findings and recommendations, including proposed legislation, if any, to the Legislature no later than twenty days prior to the convening of the regular session of 2013.

### **INVESTIGATION AND FINDINGS**

The Department has conducted preliminary meetings with Representative Jo Jordan, State Civil Defense, the City and County of Honolulu's Board of Water Supply and Department of Planning and Permitting, and members of the community to identify preliminary issues and goals for the flood study. Based on the discussions at this meeting, the Department will work with large land owners in the community and other governmental agencies to develop partnerships that will facilitate this effort and identify potential possible sponsors to fund proposed flood mitigation improvements and outreach efforts.

A request for the release and allotment of the funds was sent by the Department to the Governor in September of 2012. Once funding is released and partnerships developed, the Department will proceed to select a consultant to assist in conducting the detailed investigations and outreach necessary to provide the findings and recommendations noted above.