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# A BILL FOR AN ACT

RELATING TO MAKAHA VALLEY.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1 SECTION 1. Makaha Valley is a major watershed on the  
2 Waianae coast. Runoff from this watershed flows into streams,  
3 which can result in flooding. Heavy rains clog the valley,  
4 which overflows the rainwater into the surrounding area and  
5 accumulates in the lower valley.

6 A devastating landslide occurred in November 1996, when  
7 after six hours of heavy rain, two converging waterfalls sent  
8 rocks and mud down the mountainside, overwhelming a ten-foot-  
9 high rock retaining wall and surging through an upper level  
10 parking lot at the Makaha Valley Tower complex, burying or  
11 sweeping away approximately sixty cars and flooding the first  
12 floor of the building. Officials estimated that in a two-hour  
13 period, the storm had caused millions of gallons of water to  
14 flow down the mountainside.

15 Over the years, the Makaha Valley area has experienced  
16 flooding. More recently, in December 2008, the eighteen-hole  
17 champion golf course in Makaha closed its seventh hole due to  
18 flood damage.



1           The federal government will not conduct a federal flood  
2 control study for Makaha Valley because Makaha Valley does not  
3 include federal land. Although a Waianae watershed management  
4 plan was prepared for the Honolulu board of water supply, a  
5 study focused specifically on Makaha Valley is vital to identify  
6 specific recommendations for the control of storm drainage to  
7 reduce recurring flooding to residences and businesses in the  
8 area.

9           The purpose of this Act is to require the department of  
10 land and natural resources to conduct a flood study for Makaha  
11 Valley.

12           SECTION 2. (a) The department of land and natural  
13 resources shall conduct a flood study for Makaha Valley on the  
14 island of Oahu. The flood study shall include but not be  
15 limited to:

- 16           (1) Specific recommendations for the control of storm  
17                 damage throughout Makaha Valley to reduce repetitive  
18                 flooding to residences and businesses in the area;
- 19           (2) A cost-benefit analysis of the recommendations  
20                 proposed;



1 (3) Identification and evaluation of the desired,  
2 intended, and potential unintended effects of the  
3 recommendations;

4 (4) A timetable for the implementation of the  
5 recommendations; and

6 (5) Any other issues deemed necessary or relevant by the  
7 chairperson of the board of land and natural  
8 resources.

9 (b) The department of land and natural resources shall  
10 submit a written report of findings and recommendations,  
11 including any necessary proposed legislation, to the legislature  
12 no later than twenty days prior to the convening of the regular  
13 session of 2013.

14 SECTION 3. There is appropriated out of the general  
15 revenues of the State of Hawaii the sum of \$ or so much  
16 thereof as may be necessary for fiscal year 2012-2013 for a  
17 flood study for Makaha Valley.

18 The sum appropriated shall be expended by the department of  
19 land and natural resources for the purposes of this Act.

20 SECTION 4. This Act shall take effect on July 1, 2030.



**Report Title:**

Makaha Valley; Flood Study; Appropriation

**Description:**

Requires the Department of Land and Natural Resources to conduct a flood study on Makaha Valley. Appropriates funds. Effective July 1, 2030. (HB2883 HD2)

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

