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# A BILL FOR AN ACT

RELATING TO WATER CIRCULATION.

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

1           SECTION 1. The legislature finds that Pokai bay is one of  
2 the most visited ocean areas on Oahu's leeward coast because of  
3 its wide sandy beach and relatively calm waters. Because it is  
4 protected by offshore breakwater, Pokai bay maintains calm  
5 conditions year-round, which makes it an ideal location for many  
6 ocean users including swimmers, canoe paddlers, surfers,  
7 snorkelers, boaters, divers, and stand-up paddlers.

8           The legislature further finds that despite Pokai bay's  
9 pristine appearance of crystal blue waters and white sand, it is  
10 sadly the site of pollution from multiple sources including  
11 runoff from surrounding surfaces, illegal dumping, and user-  
12 induced contaminants. Over the last decade, beach users and  
13 local community members have reported the presence of health and  
14 environmental hazards at Pokai bay. Water runoff containing  
15 industrial pollutants washed from local surface streets, parking  
16 lots, and sidewalks as well as petrochemical-based pollutants



1 caused by vehicular use of an adjacent boat ramp are suspected  
2 sources of tar balls that have been found on the beach.

3 The legislature notes that wetland and estuary management  
4 projects across the world have employed various methods of  
5 artificial water circulation, including jet aeration and pumping  
6 systems, to increase oxygenation, improve water quality, and  
7 mitigate environmental damage caused by shoreline destruction  
8 and water contamination. Such methods can be employed in Pokai  
9 bay to reduce pollution and restore its beauty.

10 The purpose of this Act is to require the department of  
11 health to collaborate with various agencies to research and  
12 develop a plan for a mechanism for increased water circulation  
13 in Pokai bay on Oahu's leeward coast to mitigate environmental  
14 and health risks caused by pollution and contaminants in the  
15 water.

16 SECTION 2. (a) The department of health shall collaborate  
17 with the United States Army Corps of Engineers, department of  
18 land and natural resources, the city and county of Honolulu, the  
19 University of Hawaii, and a representative of the aha moku  
20 advisory committee to research and develop a plan for a  
21 mechanism to increase water circulation in Pokai bay on Oahu's



1 leeward coast to mitigate environmental and health risks caused  
2 by pollution and contaminants in the water.

3 (b) In conducting its research and planning for Pokai bay,  
4 the department of health and its collaborators shall conduct a  
5 study of Pokai bay and the activities running to Pokai bay to  
6 investigate whether there are any land-based sources of marine  
7 contaminants or pollutants flowing from the land to ocean.

8 (c) The department of health shall submit a report of its  
9 collaborative activities, including significant findings, cost  
10 estimates, and any proposed legislation, to the legislature no  
11 later than twenty days prior to the convening of the regular  
12 session of 2020.

13 SECTION 3. This Act shall take effect on December 31,  
14 2050.



**Report Title:**

Pokai Bay; Water Circulation; Study

**Description:**

Requires the Department of Health to collaborate with various agencies to research and develop a plan for a mechanism for increased water circulation in Pokai Bay. Requires the Department of Health to report its activities to the legislature. Takes effect 12/31/2050. (SD1)

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

