
A BILL FOR AN ACT

RELATING TO LAKE WILSON.

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

1 SECTION 1. The legislature finds that Wahiawa reservoir,
2 commonly known as Lake Wilson, is Hawaii's largest reservoir
3 with a 3,000,000,000 gallon capacity. Given its size, Lake
4 Wilson could provide the water needed for the north shore of
5 Oahu's agricultural expansion, but the condition and quality of
6 the water today limits the crops produced on the north shore.
7 Nearby landowners hold about 20,000 acres of land that can be
8 used for agricultural production but is currently limited to
9 tree crops, corn, and other production items that can use R-2
10 (disinfected secondary treated effluent) water. As a result,
11 the response to the demand for more food production in Hawaii
12 has been limited by the quality of water for production.

13 The cleanup of the lake will also lead to greater
14 recreational opportunities, such as fishing, boating, and other
15 water recreation activities.

16 The purpose of this Act is to establish a pilot project to
17 improve the water quality of Lake Wilson to acceptable levels.



1 SECTION 2. (a) There is established a pilot project
2 within the department of land and natural resources for
3 administrative purposes to demonstrate the effectiveness of
4 marine phytoremediation using plants that are native to Hawaii
5 to remove pollutants and improve water clarity in Lake Wilson.
6 The department of land and natural resources shall contract for
7 phytoremediation services pursuant to chapter 103D, Hawaii
8 Revised Statutes.

9 (b) The department shall submit a report to the
10 legislature no later than twenty days prior to the convening of
11 the regular session of 2013, on the viability, safety, and
12 effectiveness of the technology on a demonstration scale in the
13 Lake Wilson environment and recommendations, including the costs
14 associated with the recommendations, for continuation or
15 expansion of the project.

16 SECTION 3. There is appropriated out of the general
17 revenues of the State of Hawaii the sum of \$ or so much
18 thereof as may be necessary for fiscal year 2011-2012 and the
19 same sum or so much thereof as may be necessary for fiscal year
20 2012-2013 for a pilot project to demonstrate the effectiveness
21 of marine phytoremediation using plants that are native to



1 Hawaii to remove pollutants and improve water clarity in Lake
2 Wilson.

3 The sums appropriated shall be expended by the department
4 of land and natural resources for the purposes of this Act.

5 SECTION 4. This Act shall take effect upon its approval;
6 provided that section 3 of this Act shall take effect on July 1,
7 2011.

8



Report Title:

Lake Wilson; Water Quality; Pilot Project; Appropriation

Description:

Establishes a pilot project within the department of land and natural resources to demonstrate the effectiveness of marine phytoremediation using plants that are native to Hawaii to remove pollutants and improve water clarity in Lake Wilson; appropriates funds for the project. Requires the department of land and natural resources to procure services for the pilot project pursuant to the Hawaii public procurement code. (SD1)

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

