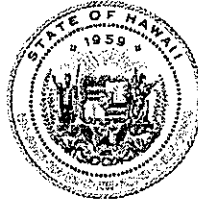
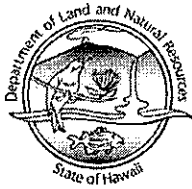


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GOVERNOR OF HAWAII



**STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

**Testimony of
WILLIAM J. AILA, JR.
Chairperson**

**Before the Senate Committee on
WATER, LAND, AND HOUSING**

**Tuesday, February 8, 2011
1:15 P.M.
State Capitol, Conference Room 225**

**In consideration of
SENATE BILL 684
RELATING TO LAKE WILSON**

Senate Bill 684 proposes to establish a task force within the Department of Land and Natural Resources (Department) to assess the current condition and quality of the waters of Lake Wilson and recommend actions to improve the water quality to acceptable levels. While the Department acknowledges the intent of this measure, the Department nonetheless does not feel it is the appropriate agency to house the task force as water condition and water quality do not fall within the purview of the Department's expertise and oversight.

WILLIAM J. AILA, JR.
INTERIM CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

GUY H. KAULUKUKUI
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
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LORETTA J. FUDDY, A.C.S.W., M.P.H.
ACTING DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

SENATE COMMITTEE ON WATER, LAND, AND HOUSING

S.B. 684, RELATING TO LAKE WILSON

Testimony of Loretta J. Fuddy, A.C.S.W., M.P.H.
Acting Director of Health

February 8, 2011
1:15 p.m.

1 **Department's Position:** The Department of Health respectfully submits the following information on
2 this measure. The City and County of Honolulu is making progress in upgrading the Wahiawa
3 Wastewater Treatment Plant (WWTP) to produce effluent of R-1 quality. From a public health
4 standpoint, R-1 water can be used on any form of irrigation of food crops, including all edible root crops
5 and where the recycled water comes in contact with the edible portion of the crop. It will not limit the
6 production of diversified agriculture on the north shore. Other areas of R-1 water usage include: golf
7 courses, parks, playgrounds, school yards, and pasture land. The R-1 quality discharge will improve the
8 quality of the water in Lake Wilson.

9 **Fiscal Implications:** Authorization of \$300,000 of general funds is needed to carry out the work of the
10 task force.

11 **Purpose and Justification:** This bill authorizes the formation of a task force under the Department of
12 Land and Natural Resources. A major objective of the task force is to assess the current condition of the
13 waters of Lake Wilson and to make recommendations to improve the quality of the water in the lake to
14 acceptable levels.

1 Lake Wilson currently receives R-2 water quality effluent from the Wahiawa WWTP. The discharge of
2 R-2 effluent from the Wahiawa WWTP limits agricultural production due to restrictions placed on R-2
3 water usage. The legislature is concerned about the progress of the City and County of Honolulu to
4 upgrade the Wahiawa WWTP to produce R-1 water. However, the City recently issued a notice to
5 proceed to its contractor to construct the final phase of the Wahiawa WWTP upgrade work to enable the
6 plant to produce R-1 quality water. The work is expected to be completed by July 2012. We suggest the
7 creation of the task force be delayed until after construction is completed to assess the quality of the
8 lake.

9 Thank you for the opportunity to testify on this measure.