

HB 1394, HD2

DAVID Y. IGE
GOVERNOR OF HAWAII



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

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**Testimony of
CARTY S. CHANG
Interim Chairperson**

**Before the Senate Committees on
ENERGY AND ENVIRONMENT
and
GOVERNMENT OPERATIONS**

**Thursday, March 19, 2015
2:45 PM
State Capitol, Conference Room 225**

**In consideration of
HOUSE BILL 1394, HOUSE DRAFT2
RELATING TO WATER RECLAMATION**

House Bill 1394, House Draft 2 proposes to explore the sustainability and conservation potential of water scalping facilities in Hawaii by requiring the Department of Transportation (DOT) to conduct a feasibility study on the use of water scalping technologies in state facilities in coordination with the Department of Health (DOH) and county agencies having jurisdiction over wastewater management. **While the Department of Land and Natural Resources (Department) supports augmenting Hawaii's natural water resources and reducing the amount of treated effluent currently requiring disposal, the Department nonetheless defers to DOT regarding the undertaking of the actions called for in this measure.**

As an island state, Hawaii has limited access to natural fresh water supplies. Recycled water is a renewable and drought resistant supply source and is suitable for uses such as irrigation and other non-potable uses.

Water scalping allows the diversion of the liquid portion of the waste stream at higher locations proximal to potential reuse areas. It will help to preserve our limited natural water resources and provide a myriad of environmental benefits.

The Department defers to DOH with regard to any rules, regulations, or concerns with the development of water scalping facilities or water reuse.

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IN REPLY REFER TO:

March 19, 2015
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H.B. 1394, H.D. 2
RELATING TO WATER RECLAMATION

Senate Committee(s) on Energy & Environment and Government Operations

The Department of Transportation (DOT) **supports** this bill. Water Scalping is a process that can be used to convert the liquid portion of wastewater into reusable water for irrigation, non-potable uses and even human consumption. It is an option to assist us in addressing the limited water resources that we have in our island state without compromising our vision for future growth at our airports and most importantly our visitor industry.

To accomplish this we need to first evaluate our situational and operational footprint to determine the overall impact a water scalping system may have. Therefore, the issuance of a water reclamation study may be a prudent way to baseline our current system and determine what opportunities exist to reduce fresh water usage while meeting our airports progressive water needs related to passengers, cargo handling, maintenance facilities, fire protection and landscaping.

As we have seen in major airports like San Francisco, Dallas Fort Worth and many others, efforts to support water scalping were based on cost-savings and water conservation issues and have over time been proven to be successful. We believe that reclaiming and reusing wastewater in our system will assist us in sustaining the quality of services we offer to our airport tenants, visitors and employees.

The DOT is cognizant of the Governor's budget and will defer to the Department of Health to ensure that rules and regulations for water reuse will be strictly enforced.

Thank you for the opportunity to provide testimony.

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: rustonu@gmail.com
Subject: *Submitted testimony for HB1394 on Mar 19, 2015 14:45PM*
Date: Monday, March 16, 2015 1:20:41 PM

HB1394

Submitted on: 3/16/2015

Testimony for ENE/GVO on Mar 19, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Ruston Utu	Individual	Support	No

Comments:

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