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## A BILL FOR AN ACT

RELATING TO A WASTEWATER TREATMENT FACILITY FOR THE NATURAL  
ENERGY LABORATORY OF HAWAII AUTHORITY.

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

1       SECTION 1. The director of finance is authorized to issue  
2       general obligation bonds in the sum of \$                   or so much  
3       thereof as may be necessary and the same sum or so much thereof  
4       as may be necessary is appropriated for fiscal year 2016-2017  
5       for the purpose of designing and constructing a wastewater  
6       treatment facility for the natural energy laboratory of Hawaii  
7       authority. The treatment facility is intended to reduce the  
8       need for shoreline injection wells and cesspools.

9       The sum appropriated in this section shall be expended by  
10      the department of business, economic development, and tourism  
11      for the purposes of this Act.

12      SECTION 2. The appropriation made for the capital  
13      improvement project authorized by this Act shall not lapse at  
14      the end of the fiscal biennium for which the appropriation is  
15      made; provided that all moneys from the appropriation  
16      unencumbered as of June 30, 2018, shall lapse as of that date.

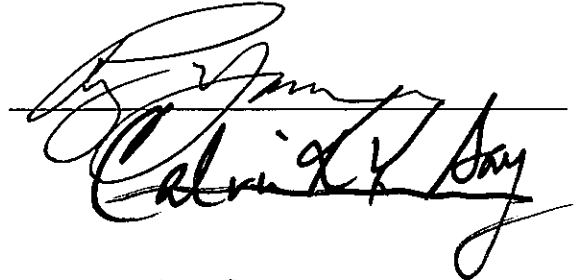


# H.B. NO. 2055

1 SECTION 3. This Act shall take effect on July 1, 2016.

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INTRODUCED BY:

A handwritten signature in black ink, appearing to read "Calvin K. Ray", is written over a horizontal line.

JAN 22 2016



# H.B. NO. 2055

**Report Title:**

Wastewater Treatment Facility; NELHA; GO Bond; Appropriation

**Description:**

Authorizes the issuance of general obligation bonds and appropriates funds for a wastewater treatment facility for the natural energy laboratory of Hawaii authority.

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





# NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY

*An Authority of the State of Hawaii attached to the Department of Business, Economic Development & Tourism*



## **Written Testimony Only**

Statement of  
**Gregory P. Barbour**  
**Executive Director**  
Natural Energy Laboratory of Hawaii Authority  
before the

### **COMMITTEE ON ECONOMIC DEVELOPMENT AND BUSINESS**

Tuesday, February 2, 2016  
9:00am  
State Capitol, Conference Room 312

in consideration of  
**H.B. 2055**  
**RELATING TO A WASTEWATER TREATMENT FACILITY**  
**FOR THE NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY.**

The Natural Energy Laboratory of Hawaii Authority (NELHA) is pleased to comment on H.B. 2055 which authorizes the issuance of general obligation bonds and appropriates funds for a wastewater treatment facility at the Hawaii Ocean Science and Technology Park (HOST Park) which is administered by NELHA. NELHA operates a seawater delivery system in HOST Park that provides an excellent environment for ocean related research, aquaculture, and education.

NELHA delivers high volumes of both warm and cold seawater to over 40 businesses at HOST Park. At this time, there is currently no centralized seawater disposal system. As part of its lease agreement each business is responsible for disposal of its seawater on site. This is typically completed through a drywell or trench. As the disposal system is normally a permanent land improvement, businesses are provided with tenant improvement credits and

can deduct costs for these systems from their percentage rent due in conjunction with their land lease. Accordingly, we do not believe a centralized disposal system is warranted at this time.

It is important to note that over the years, NELHA has completed several environmental impact statements and several supplemental impact statements that have all addressed the disposal of seawater. Due to the very high permeability of the recent Hualalai lava flow (1801), the current disposal methods have been extensively reviewed and all new seawater disposal systems are required to be approved by the Department of Health (DOH). In addition, NELHA has its own water quality laboratory and tests 120 individual sites both within HOST Park and offshore every 90 days. This monitoring program has been in place for almost 30 years and no impacts to the offshore waters have been identified.

In terms of human effluent, the businesses at NELHA employ approximately 400 people and this is spread out over approximately 300 acres in the technology park. As such, the densities are very low. As part of their lease agreement, businesses are required to install DOH permitted septic systems in conjunction with their office space. Residential housing or overnight living facilities are prohibited at HOST Park.

Thank you for the opportunity to offer these comments.

kong2 - Christie

**LATE**

From: mailinglist@capitol.hawaii.gov  
Sent: Tuesday, February 02, 2016 2:40 AM  
To: edbtestimony  
Cc: starmer@hawaii.edu  
Subject: \*Submitted testimony for HB2055 on Feb 2, 2016 09:00AM\*

**HB2055**

Submitted on: 2/2/2016

Testimony for EDB on Feb 2, 2016 09:00AM in Conference Room 312

Submitted By	Organization	Testifier Position	Present at Hearing
Kaelan	Individual	Support	No

**Comments:**

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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