

STATE OF HAWAII
DEPARTMENT OF DEFENSE

TESTIMONY ON HOUSE CONCURRENT RESOLUTION 108
REQUESTING THE DEPARTMENT OF HEALTH TO CONDUCT A REVIEW
AND MAKE RECOMMENDATIONS ON THE REMOVAL OF MARINE DERIS
CREATED BY THE 2011 TSUNAMI IN JAPAN

PRESENTATION TO THE
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

BY

MAJOR GENERAL DARRYLL D. M. WONG
ADJUTANT GENERAL

March 22, 2012

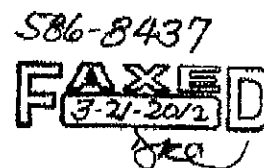
Chair Coffman, Vice-Chair Kawakami and Committee Members:

I am Major General Darryll D. M. Wong, State Adjutant General. I am testifying on House Concurrent Resolution 108.

I appreciate the opportunity to offer comments regarding House Concurrent Resolution 108. We defer to the Department of Health, however, we would be happy to assist in the process to review and make recommendations in coordination with other State and federal agencies on the removal of marine debris resulting from the 2011 Japanese tsunami.

Thank you for the opportunity to submit this written testimony.

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HOUSE OF REPRESENTATIVES – 26TH LEGISLATURE, 2012
COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Thursday, March 22, 2012 9:00 AM, Conference Room 325

HCR No. 108 - REQUESTING THE DEPARTMENT OF HEALTH TO CONDUCT A REVIEW AND MAKE RECOMMENDATIONS ON THE REMOVAL OF MARINE DEBRIS CREATED BY THE 2011 TSUNAMI IN JAPAN.

Chair Rep. Denny Coffman, V.C. Rep. Derek Kawakami and EEP Committee Members:

Good Morning. My name is Dante Carpenter, Secretary on the Board of Directors of Carbon Bio-Engineers, Inc. (CBEI). With me is CBEI Director Michael Lurvey, system designer/inventor. Carbon Bio-Engineers, Inc. strongly supports HCR No. 108 *Requesting the Department of Health to conduct a review and make recommendations on the removal of marine debris created by the 2011 tsunami in Japan.*

CBEI is a local Hawaiian company incorporated in October of 2009. CBEI has developed a hybrid gasification carbonization process which can reduce various organic feedstock including agricultural and green waste, municipal solid waste (MSW), tires and certain inorganic wastes while producing environmentally and economically valuable and sustainable BioProducts of carbon and charcoal, BioFuel as well as generating electricity. The patented process, known as Thermal Conversion of Organic Materials (TCOM) has a negligible effect on the environment by outperforming the minimum allowed for EPA's Emission Standards.

Further, mobility and portability of the process facility equipment allows for maximum flexibility of operations with minimal negative environmental impact(s) to the surrounding area(s) in which reduction of the various feedstock materials are being processed. *The sheer volume of material(s) which comprise the "flotsam and jetsam" debris/opala generated by the 2011 Japan tsunami will require a maximum effort of coordination and cooperation by many governmental as well as public enterprises.*

The reality is for the TCOM system to be placed aboard ocean-going (tug-barge) vessels and moved to the ocean sites for reduction/processing into various product(s) and will have minimal negative effects on the ocean environment. Negative impacts of unknown and immeasurable amounts of debris on Hawaiian shores could be disastrous. Economic feasibilities of all participants need to be determined as soon as practicable (ASAP)!

On land, the TCOM process epitomizes the Hawaiian Culture's respect for the 'aina and principles of caring for the land – Malama 'Aina – and results in lessened dependency on fossil fuels, landfills, transportation and disposal costs, and can indirectly provide lower priced electrical energy to the grid via local distributed generation. CBEI principals and associates participated in early 2009 in "Ground Breaking Ceremonies" with other Hawaiian Organizations to process the invasive species, known as "gorse," to help clear thousands of acres of infested pasture land in the ahupua'a known as Humu'ula on the slopes of Mauna Kea. CBEI continues working directly with its associates and DHHL, to engage in essential projects on the Island of Hawai'i.

We strongly recommend adoption of HCR 108 and offer advisory and community support in what will be a huge undertaking by a combination of local, national and international efforts of both government and private enterprise expertise. E laulima pu kakou! Let's all work together. Mahalo a nui loa.