

## BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU  
630 SOUTH BERETANIA STREET  
HONOLULU, HI 96843



March 4, 2015

KIRK CALDWELL, MAYOR

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ADAM C. WONG, Vice Chair  
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DAVID C. HULIHEE

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FORD N. FUCHIGAMI, Ex-Officio

ERNEST Y. W. LAU, P.E.  
Manager and Chief Engineer

ELLEN E. KITAMURA, P.E.  
Deputy Manager and Chief Engineer

Rear Admiral Richard L. Williams, Jr.  
Commander  
Navy Region Hawaii and Naval Surface  
Group Middle Pacific  
850 Ticonderoga Street  
Pearl Harbor, Hawaii 96860-5101

Dear Admiral Williams:

Subject: Board of Water Supply (BWS) Resolution No. 851, 2015

Enclosed is a copy of BWS Resolution No. 851, 2015, which was adopted by the BWS Board of Directors on February 23, 2015. The resolution urges the Navy to install secondary containment, also called double-lining, at the Red Hill Underground Fuel Facility to protect Oahu's drinking water and reduce the risks of fuel releases to the groundwater and environment.

If you have any questions, please feel free to contact me at 748-5061.

Very truly yours,

ERNEST Y. W. LAU, P.E.  
Manager and Chief Engineer

Enclosure

cc: Mayor Kirk Caldwell  
Duane Miyashiro, Chair, Board of Water Supply  
Senator Mazie Hirono  
Senator Brian Schatz  
Representative Tulsi Gabbard  
Representative Mark Takai  
Councilmember Ernest Martin  
Councilmember Ikaika Anderson  
Councilmember Brandon Elefante  
Councilmember Carol Fukunaga  
Councilmember Ann Kobayashi  
Councilmember Joey Manahan  
Councilmember Ron Menor  
Councilmember Trevor Ozawa  
Councilmember Kymberly Marcos Pine  
Senator Mike Gabbard  
Senator Breene Harimoto  
Representative Chris Lee  
Dr. Virigina Pressler, Director, State Department of Health  
Mr. Jared Blumenfeld, Regional Administrator, Region 9, U.S. Environmental Protection Agency

BOARD OF WATER SUPPLY  
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 851, 2015

SUPPORTING THE INSTALLATION OF SECONDARY CONTAINMENT AT THE RED  
HILL UNDERGROUND FUEL STORAGE FACILITY TO PROTECT OAHU'S  
GROUNDWATER

WHEREAS, the Red Hill Underground Fuel Storage Facility is located near Pearl Harbor and operated by the United States Navy; and

WHEREAS, the Red Hill facility was built between 1940 and 1943 and contains twenty cylindrical tanks that can store up to 12,500,000 gallons of fuel in each tank; and

WHEREAS studies commissioned by the Navy indicate past fuel releases from the facility dating back to 1947 and document the impact of corrosion on the steel fuel tanks, the presence of fuel contaminants in the groundwater and soil underneath the facility and the risks of large releases of fuel to the groundwater aquifer and the environment; and

WHEREAS, the bottom of the Red Hill tanks is only 100-feet above a major groundwater aquifer that serves as a source for drinking water for thousands of Oahu residents; and

WHEREAS, federal, state and city officials on a task force convened in response to a fuel leak in January 2014 at the Red Hill Underground Fuel Storage Facility agree that the large, aging underground tanks should be double-lined to prevent future leaks from contaminating a major underground aquifer; now, therefore

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that they support double-lining the Red Hill tanks and urge the Navy to install double-lining, also called secondary containment, at the Red Hill Underground Fuel Facility and to provide all necessary measures to protect Oahu's groundwater aquifer.

ADOPTED:



DUANE R. MIYASHIRO  
Chair

Honolulu, Hawaii  
February 23, 2015