

JAN 31 2014



DEPARTMENT OF THE NAVY

COMMANDER  
NAVY REGION HAWAII  
850 TICONDEROGA ST STE 110  
JBPHH, HAWAII 96860-5101

5090  
Ser N45/071  
January 31, 2014

CERTIFIED MAIL NO. 7011 0110 0002 1802 1294

Mr. Richard Takaba  
Hawaii State Department of Health  
Environmental Management Division  
Solid and Hazardous Waste Branch  
Underground Storage Tank Section  
919 Ala Moana Boulevard, Room 212  
Honolulu, HI 96814

Dear Mr. Takaba:

SUBJECT: RED HILL TANK COMPLEX, OCTOBER 2013 GROUNDWATER  
MONITORING RESULTS FOR OUTSIDE (NON-TUNNEL) WELLS,  
FACILITY ID NO. 9-102271, RELEASE ID NO. 99051,  
010011, AND 020028

On October 23, 2013, Environmental Science International, Inc. (ESI) collected quarterly groundwater samples from wells HDMW2253-03 and OWDFMW01, as outlined in Commander Navy Region Hawaii letter 5090 Ser N45/4039 of February 18, 2009. Both wells are located outside the Red Hill Fuel Storage Facility.

The Navy is submitting the Fourth Quarter 2013 - Quarterly Groundwater Monitoring Report for Outside Tunnel Wells as Enclosure 1.

The groundwater samples were analyzed for petroleum constituents. Laboratory analytical results indicate all chemical of potential concern (COPC) concentrations were below the DOH Drinking Water Toxicity EALs and the DOH Groundwater Gross Contamination EALs, except for TPH-D. TPH-D was detected at concentrations of 170 and 200 ug/L at OWDFMW01, which were above the DOH EAL for Gross Contamination (100 ug/L) and the DOH EAL for Drinking Water Toxicity (190 ug/L).

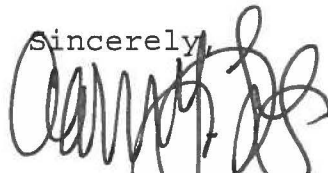
Although TPH-d was detected at OWDFMW01 at concentrations above the DOH EALs for both drinking water toxicity and gross contamination, the concentrations decreased from the last four sampling events.

Continued quarterly sampling is recommended for both groundwater monitoring wells. The next sampling event is scheduled for January 2014. The next quarterly groundwater

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monitoring report for the January 2014 sampling event will be prepared and submitted to the DOH.

If there are any questions regarding this matter, or if more information is needed, please contact Ms. Raelynn Kishaba at (808) 471-1171, extension 233.

Sincerely,  


AARON Y. DOENTIS  
Director  
Regional Environmental Department  
By direction of the  
Commander

- Enclosures:
1. Fourth Quarter 2013 - Quarterly Groundwater Monitoring Report, Outside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of January 2014 (1 hard copy)
  2. Fourth Quarter 2013 - Quarterly Groundwater Monitoring Report, Outside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of January 2014 (1 CD)

Copy to: Ms. Joanna Seto, DOH Safe Drinking Water Branch (1 CD)  
Mr. Greg Yamasaki, NAVSUP Fleet Logistics Center Pearl Harbor (1 hard copy, 1 CD)