



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

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October 01, 2013

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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, JULY 2013 GROUNDWATER  
MONITORING RESULTS FOR OUTSIDE (NON-TUNNEL) WELLS,  
FACILITY ID NO. 9-102271, RELEASE ID NO. 99051,  
010011, AND 020028 *990051*

On July 24, 2013, Environmental Science International, Inc. (ESI) collected groundwater samples from wells HDMW2253-03 and OWDFMW01, which are located outside the Red Hill Fuel Storage Facility. The Navy is submitting the Third 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 470 and 340 ug/L in OWDFMW01, which were above the DOH EAL for Gross Contamination (100 ug/L) and the DOH EAL for Drinking Water Toxicity (190 ug/L).

The TPH-d results for the primary and duplicate samples collected from groundwater monitoring well OWDFMW01 were flagged with a laboratory data qualifier since the groundwater samples exhibited a chromatographic pattern that did not resemble the reference fuel standard. The concentrations quantified as TPH-d may not be representative of diesel fuel contamination at the site.

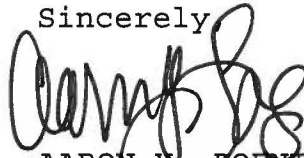
Continued quarterly sampling is recommended for both groundwater monitoring wells. The next sampling event is scheduled for October 2013. A groundwater monitoring report for

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the October 2013 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. POENTIS  
Director

Regional Environmental Department  
By direction of the  
Commander

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

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