



DEPARTMENT OF THE NAVY

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

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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

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Dear Mr. Takaba:

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

On April 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 Second 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 a concentration of 1,900 ug/L in OWDFMW01, which was 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.

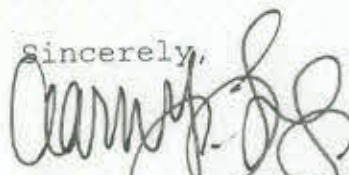
Continued quarterly sampling is recommended for both groundwater monitoring wells. The next sampling event is scheduled for July 2013. A groundwater monitoring report for

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