



DEPARTMENT OF THE NAVY

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

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November 15, 2018

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Mr. Richard Takaba
Hawaii State Department of Health
Environmental Management Division
Solid and Hazardous Waste Branch
Underground Storage Tank Section
2827 Waimano Home Road
Pearl City HI 96782

Dear Mr. Takaba:

SUBJECT: RED HILL BULK FUEL STORAGE FACILITY
THIRD QUARTER 2018 - QUARTERLY GROUNDWATER MONITORING REPORT
DOH FACILITY ID NO. 9-102271
DOH RELEASE ID NO. 990051, 010011, 020028, AND 140010

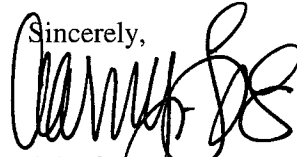
Groundwater sampling was conducted in July 2018 as part of the Red Hill groundwater long-term monitoring (LTM) program. Groundwater samples were collected from all 13 conventional monitoring locations and 1 multilevel monitoring location within the Red Hill groundwater monitoring network. The conventional monitoring locations include the sampling point at Red Hill Shaft (RHMW2254-01), 11 monitoring wells within the Facility boundary (RHMW01 to RHMW10 and OWDFMW01), and the Halawa Deep Monitoring Well (HDMW2253-03) located outside the Facility. The multilevel monitoring location, RHMW11, is located outside the Facility.

Analytical results from the quarterly groundwater monitoring event were compared to the current LTM screening criteria. The LTM screening criteria were agreed upon by the Parties to the Administrative Order on Consent (AOC) and are presented in the February 4, 2016, AOC Statement of Work Sections 6 and 7 scoping completion letter. The LTM screening criteria were updated (when applicable) with the most current (Fall 2017) DOH Tier 1 Groundwater Environmental Action Levels for sites where groundwater is a potential or current drinking water resource and the nearest surface water body is greater than 150 meters from the release site. Analytical results for wells RHMW01, RHMW02, and RHMW03 were also compared to site specific risk based levels (SSRBLs) for total petroleum hydrocarbons as diesel fuel (TPH-d) (4,500 micrograms per liter [$\mu\text{g/L}$]) and benzene (750 $\mu\text{g/L}$).

A groundwater monitoring report, which summarizes sampling activities and laboratory analytical results, is being submitted as Enclosures 1 and 2.

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If there are any questions regarding this matter, or if more information is needed, please contact me at (808) 471-3858.

Sincerely,


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

Enclosures:

1. Third Quarter 2018 – Quarterly Groundwater Monitoring Report, Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, Hawaii, DOH Facility ID No. 9-102271, DOH Release ID No. 140010, dated November 2018 (hard copy)
2. Third Quarter 2018 – Quarterly Groundwater Monitoring Report, Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, Hawaii, DOH Facility ID No. 9-102271, DOH Release ID No. 140010, dated November 2018 (CD)

Copy to:

Mr. Omer Shalev, U.S. EPA Region 9, Underground Storage Tank Program Office
Mr. John Floyd, NAVSUP FLC Pearl Harbor
Mr. Ed Guthrie, DLA Energy Pacific