



DEPARTMENT OF THE NAVY

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

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May 4, 2021

CERTIFIED NO: 9489 0090 0027 6232 2134 05

Mr. Richard Takaba
Hawaii State Department of Health
Environmental Management Division
Solid and Hazardous Waste Branch
Underground Storage Tank Section
2827 Waimano Home Road #100
Pearl City, HI 96782

Dear Mr. Takaba:

**SUBJECT: RED HILL BULK FUEL STORAGE FACILITY
FIRST QUARTER 2021 - QUARTERLY GROUNDWATER MONITORING
REPORT
DOH FACILITY ID NO. 9-102271
DOH RELEASE ID NO. 990051, 010011, 020028, AND 140010**

As part of the Red Hill groundwater long-term monitoring (LTM) program, groundwater sampling was conducted from January 18 through 27, 2021 at 14 conventional monitoring locations and 4 multilevel monitoring locations within the Red Hill groundwater monitoring network. The conventional monitoring locations included the sampling point at Red Hill Shaft (RHMW2254-01), 12 monitoring wells within the Facility boundary (RHMW01 to RHMW10, RHMW19, and OWDFMW01), and the Halawa Deep Monitor Well (HDMW2253-03) located outside the Facility. Two multilevel monitoring locations, RHMW11 and RHMW14, are located outside the Facility. Two multilevel monitoring locations, RHMW13 and RHMW15, are located within the Facility boundary.

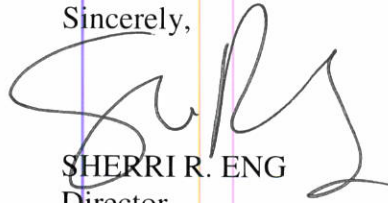
Analytical results were compared to the current LTM screening criteria. The LTM screening criteria were agreed upon by the Parties to the Administrative Order on Consent (AOC) and are presented in the February 4, 2016, AOC Statement of Work Sections 6 and 7 scoping completion letter. The LTM screening 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 $\mu\text{g/L}$).

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The groundwater monitoring report, which summarizes sampling activities and laboratory analytical results, is being submitted as Enclosures 1 (hard copy) and 2 (CD).

If there are any questions regarding this report, or if more information is needed, please contact Ms. Susan Lohr at (808) 471-4619 or Ms. Dayna Fujimoto at (808) 471-4805.

Sincerely,



SHERRI R. ENG

Director

Regional Environmental Department

By direction of the
Commander

- Enclosures:
1. First Quarter 2021 – Quarterly Groundwater Monitoring Report, Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, Hawaii, DOH Facility ID No. 9-102271, DOH Release ID Nos. 990051, 010011, 020028, and 140010, dated April 2021 (hard copy)
 2. First Quarter 2021 – Quarterly Groundwater Monitoring Report, Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, Hawaii, DOH Facility ID No. 9-102271, DOH Release ID Nos. 990051, 010011, 020028, and 140010, dated April 2021 (CD)

Copy to (hard copy and CD):

Mr. Steve Linder, U.S. EPA Region 9, Underground Storage Tank Program Office
Mr. Ralph Wells, DLA Energy Pacific
Ms. Sophia Lee, NAVFAC Engineering and Expeditionary Warfare Center (EXWC)
Mr. Delwyn Oki, United States Geological Survey (USGS)
Mr. Kevin Lorenzo, DLA Installation Support for Pacific
Mr. John Floyd, NAVSUP FLC Pearl Harbor

Copy to (electronic via email):

Mr. William Potter, DLA Installation Management for Energy
Mr. Elton Saito, DLA Installation Support for Pacific
Ms. Amanda Mano'i, DLA Defense Enterprise Support Pacific