



DEPARTMENT OF THE NAVY

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

RECEIVED
SAFE DRINKING WATER BRANCH

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Ms. Joanna Seto, Chief
Hawaii State Department of Health
Environmental Management Division
Safe Drinking Water Branch
2385 Waimano Home Road
Uluakupu Building 4
Pearl City, HI 96782

Dear Ms. Seto:

SUBJECT: MARCH-AUGUST 2020 DRINKING WATER MONITORING RESULTS FOR RED HILL, JOINT BASE PEARL HARBOR-HICKAM WATER SYSTEM (PWS NO. 360)

The Transition Plan for Tank 5 Red Hill Release requires quarterly drinking water sampling of the Red Hill Shaft. After a 2020 Quarter 1 detection of TPH-d (CD enclosure 2.1 and 2.2), the Transition Plan was superseded by the June 8, 2020 and June 16, 2020 letters from the State of Hawaii Department of Health (DOH), "Red Hill Shaft Drinking Water Sample Results and Analysis Joint Base Pearl Harbor-Hickam (JBPHH) Public Water System (PWS 360)." These documents direct the Navy to monitor and report on the following sampling frequencies for the duration of the use of Red Hill Shaft for drinking water purposes:

- a. Weekly for one (1) month after restarting the pumps
- b. Monthly for 6–12 additional months
- c. Quarterly frequency thereafter unless otherwise directed by DOH

Monitoring and reporting have been completed for the following events and parameters and are enclosed within this submittal:

- a. Four (4) weekly events conducted from June 18, 2020 through July 8, 2020 with results reported for JP-8/F-24 as total petroleum hydrocarbons – diesel range organics (TPH-d) (C8–C18, C10–C25) (Method EPA 8015).
- b. Four (4) weekly monitoring events conducted from July 15, 2020 through August 5, 2020 and one (1) monthly monitoring event (August 2020) with results reported for the following parameters:
 - Volatile organic compounds (VOCs) full scan (Method EPA 524.2)
 - Semivolatile organic compounds (SVOCs) full scan (Method EPA 525.2)
 - JP-8/F-24 as TPH-d (C8–C18, C10–C25) (Method EPA 8015)
 - Lead (Method EPA 200.8)
 - Dissolved organic carbon (DOC) with volatile fraction purged non-volatile DOC (SM Method 5310C)

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The attached enclosure contains electronic files of the following reports:

CD Enclosure Number	File Name	Sample Date
1	20-04052-53	3/23/2020
2.1	20-04964 483698 20200508 NAVYPWC-HI 20200427	4/15/2020
2.2	J135767-1 Std Tal L4 NoForms Final Report	4/15/2020
3	AECOM Red Hill 92186	5/13/2020
4	AECOM Red Hill 9226.1	5/20/2020
5	K2005164	6/18/2020
6	K2005297	6/24/2020
7	K2005423	6/29/2020
8	K2005426	6/29/2020
9	K2005798.01	7/08/2020
10	K2006010	7/15/2020
11	K2006012	7/15/2020
12	K2006547	7/15/2020
13	K2006548	7/15/2020
14	K2006228	7/22/2020
15	K2006231	7/22/2020
16	K2006549	7/22/2020
17	K2006550	7/22/2020
18	K2006551	7/29/2020
19	K2006462	7/29/2020
20	K2006726	8/05/2020
21	K2006736	8/05/2020
22	K2006975	8/12/2020
23	K2006976	8/12/2020
24	Red Hill Drinking Water Sample Results Log	Multiple Dates

The enclosed reports were formerly sent to DOH electronically and are now being submitted under official cover. Additionally, the Draft Red Hill Drinking Water Sample Results Log is enclosed as requested. The spreadsheet contains results from June 2020 through August 2020. Subsequent reports for remainder of calendar year 2020 will be submitted under separate covers.

Should you have any questions regarding this matter, please contact Ms. Sara Coffey at (808) 471-4676.

Sincerely,



J. G. MEYER
 Captain, CEC, U.S. Navy
 Regional Engineer
 By direction of the
 Commander

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Enclosure: 1. Compact disc containing 25 PDF files

Copy to:

Department of Health, Solid and Hazardous Waste Branch, Underground Storage Tank Section
(Hard copy w/ CD enclosure)

Electronic copy to:

Mr. John Floyd, NAVSUP Fleet Logistics Center Pearl Harbor Deputy Director, Fuel and Facility
Management

Mr. Ralph Wells, DLA Energy Pacific