

Whalen, Marilyn

From: Takaba, Richard R <richard.takaba@doh.hawaii.gov>
Sent: Wednesday, April 29, 2015 12:41 PM
To: Pallarino, Bob
Cc: roxanne.kwan@doh.hawaii.gov
Subject: FW: RED HILL STATUS REPORT - AUGUST 19, 2014

-----Original Message-----

From: Shimabuku, June T. CIV NAVFAC HI, EV4 [mailto:june.shimabuku@navy.mil]
Sent: Tuesday, August 19, 2014 9:22 AM
To: Kwan, Roxanne S; Takaba, Richard R
Cc: Shimabuku, June T. CIV NAVFAC HI, EV4; Kishaba, Raelynn I CIV NAVFAC HI, EV4; Lovgren, Andrew C LT NAVSUP, 700; Tsutsui, Bruce O CIV NAVFAC HI, OPHE3; Nakamura, Peter M CIV NAVFAC HI, EV1; Chang, Steven Y; Yamada, Stuart H.; Linder.Steven@epa.gov; pallarino.bob@epa.gov
Subject: RED HILL STATUS REPORT - AUGUST 19, 2014

Sending for Aaron ...

Hi Richard/Roxanne:

Attached are the updated information for the weekly progress report from Navy Region Hawaii, and the Fleet Logistic Center Pearl Harbor for the week of August 12, 2014. In a process to ease reading, only sections with changes will be annotated.

1. Preliminary Work Plan

a. Item 1- Models to estimate downward vertical migration of free product.
No change.

b. Item 2 - Methods or options for non-invasive scanning of basalt to determine area and volume of contaminant mass prior to any drilling investigation.
Action complete.

c. Item 3 - Methods and locations for borings to most efficiently characterize the extent of contamination.
No change.

2. Release Response Action Items (initiate immediately, complete as soon as practicable)

a. Action 1 - Provide a schedule for the ventilation of Tank 5 and an estimated date to commence the investigation of release point(s) within Tank 5.
Action complete.

b. Action 2 - The rate of vertical migration for the released JP-8 free product is unknown. Information from the previously collected basalt cores could be used for initial modeling of vertical migration. This information is necessary to protect drinking water resources from petroleum contamination. Prepare models for petroleum JP-8 releases of 10,000, 20,000 and 30,000 gallons from points at 25% intervals from the bottom to the top of Tank 5. Progress in developing these models should be included in the preliminary work plan.

Although deformities in the steel may be identified, it would be difficult to determine the height of the release points through the concrete containment beyond the steel. Navy considering vertical modeling from only the bottom of the tank as the worse-case scenario.

c. Action 3 - Removal of petroleum free product from the area outside the tank will reduce downward migration of the released JP-8 free product. Characterization of the free product plume and recovery of free product with increased monitoring are required to address this plume.

No change.

d. Action 4 - Additional studies and procedures are required to address the potential and impact of any future releases from the USTs within the Complex. This will require new financial and personnel resources to complete. Funding for the preliminary work plan and all necessary following work is critical.

The Navy received EPA/DOH letter of August 14, 2014, which states "EPA/DOH agree with the Navy's proposed revisions to the work plan." The Navy will submit the Final Work Plan for Installation of Two Sentinel Wells the week of 18 August 2014.

The Navy is awaiting comments on the Draft Site Characterization Work Plan/ Sampling and Analysis Plan. The draft was submitted to DOH, EPA, and Navy entities (NAVFAC Hawaii, NAVSUP FLC Pearl Harbor, and DLA) for comment via email attachment on July 29, 2014. Hard copies and CDs were delivered to the DOH on July 30, 2014. A telephone conference call is scheduled for August 20, 2014 to discuss technical comments and concerns.

Please feel free to contact me if you have any questions.

Vr,

Aaron