

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 26, 2014

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

From: Shimabuku, June T. CIV NAVFAC HI, EV4 [mailto:june.shimabuku@navy.mil]
Sent: Tuesday, August 26, 2014 11:04 AM
To: Kwan, Roxanne S; Takaba, Richard R
Cc: 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; Poentis, Aaron Y CIV NAVFAC HI, EV; Shimabuku, June T. CIV NAVFAC HI, EV4
Subject: RED HILL STATUS REPORT - AUGUST 26, 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 26, 2014. In a process to ease reading, only sections with changes will be annotated.

1. Preliminary Work Plan

Preliminary Work Plan submitted on 3/13/2014. Action complete.

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.

We are re-evaluating whether models for various JP-8r release quantities (i.e., of 10,000, 20,000 and 30,000 gallon releases) at intervals from the bottom to the top of tank 5 best represents the impacts to the vadose zone and groundwater.

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.

Free product removal opportunities being evaluated. Site characterization work plans being developed (see d.(2) below).

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.

d.(1) Sentinel Wells

- The Navy submitted the Final Work Plan for Installation of Two Sentinel Wells via email on August 21, 2014 to DOH, EPA, DLA, NAVSUP FLC PH, and NAVFAC HI. Hard copies and CDs were delivered to the DOH on August 25, 2014.
- Vegetation has been cleared, and temporary fencing has been installed at the locations of the two new sentinel wells.
- On August 22, 2014, DLNR Commission on Water Resource Management issued an approved Well Construction Permit for the two new sentinel/observation wells, RHMW06 and RHMW07 (Well Nos. 3-2253-004 and 3-2253-005).

d.(2) Site Characterization

- A telephone conference call was held with DOH and EPA on August 20, 2014 to discuss technical comments and concerns on the Draft Site Characterization Work Plan/ Sampling and Analysis Plan of July 2014. DOH/EPA plans to submit written comments to the Navy by August 29.

d.(3) ACO/SOW

- The Navy provided a response to the draft DOH/EPA AOC and SOW on August 21, 2014. The documents have been re-styled as Inter-Agency Agreement (IAA) and Statement of Intent (SOI) and are intended for negotiation.

d.(4) Request for Additional Information - update provided to the DOH via email on August 22, 2014 for the specific Red Hill information requested in DOH email of August 1, 2014.

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

Vr,
June