

Whalen, Marilyn

From: Poentis, Aaron Y CIV NAVFAC HI, EV <aaron.poentis@navy.mil>
Sent: Tuesday, June 17, 2014 7:07 PM
To: Linder, Steven; Pallarino, Bob
Subject: FW: RED HILL STATUS REPORT - JUN 17, 2014

Importance: High

Steve/Bob:

I apologize; I neglected to include you on the original email.

Vr,

Aaron

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

From: Poentis, Aaron Y CIV NAVFAC HI, EV
Sent: Tuesday, June 17, 2014 4:06 PM
To: Richard Takaba (richard.takaba@doh.hawaii.gov); roxanne.kwan@doh.hawaii.gov
Cc: Watson, Angela C LCDR NAVSUP FLC Pearl Harbor; Hedrick, Jeffrey S CIV NAVSUP FLC Pearl Harbor; Lovgren, Andrew C LT NAVSUP, 700; Shimabuku, June T. CIV NAVFAC HI, EV4 (june.shimabuku@navy.mil); Ueda, Jill T CIV NAVFAC HI, HIEV4 (jill.ueda@navy.mil); Mizuno, Arleen M CIV NAVFAC HI, PRJ412; Tsutsui, Bruce O CIV NAVFAC HI, OPHE3; Kishaba, Raelynn I CIV NAVFAC HI, EV4 (raelynn.kishaba@navy.mil)
Subject: RED HILL STATUS REPORT - JUN 17, 2014
Importance: High

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 June 17, 2014. In a process to ease reading, only sections with changes will be annotated.

1. Preliminary Work Plan

A coordination meetings and siting of the sentinel wells were initiated. A site visit was conducted, and specific well locations were determined based on drilling requirements, site topography, security, access, and archaeological sites. The specific locations of Well 1 and Well 2 were submitted to DOH and HDR (groundwater model contractor) on 16 Jun 2014 for expedited review and approval. Approval received on June 17, 2014.

a. Item 1- Models to estimate downward vertical migration of free product.

Funding for the vertical migration modeling (Phase 2) has been received and processed. An administrative modification to the Basic Contract is pending.

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.

Based on the latest results of nondestructive testing, at least seven defects in the tank wall have been identified. Testing efforts are continuing.

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.

Previous borings and monitoring wells were installed in the lower access tunnel, which is located below the tank bottoms. In the interest of time, initial models for vertical migration of contaminant mass will assume the geology around the tanks is similar to the geology below the tanks.

As indicated in Item 1a above, funding for Phase 2 (Vertical Migration Modeling) has been received and processed. An administrative modification to the basic contracting is pending.

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.

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 draft Administrative Order on Consent was received from DOH on 13 Jun 2014 and is currently being reviewed.

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

Vr,

Aaron