

## Whalen, Marilyn

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**From:** Poentis, Aaron Y CIV NAVFAC HI, EV <aaron.poentis@navy.mil>  
**Sent:** Wednesday, August 06, 2014 12:51 PM  
**To:** Richard Takaba (richard.takaba@doh.hawaii.gov); roxanne.kwan@doh.hawaii.gov  
**Cc:** stuart.yamada@doh.hawaii.gov; steven.chang@doh.hawaii.gov; Lovgren, Andrew C LT NAVSUP, 700; Shimabuku, June T. CIV NAVFAC HI, EV4; Kishaba, Raelynn I CIV NAVFAC HI, EV4; Mizuno, Arleen M CIV NAVFAC HI, PRJ412; Tsutsui, Bruce O CIV NAVFAC HI, OPHE3; Nakamura, Peter M CIV NAVFAC HI, EV1; Linder, Steven; Pallarino, Bob  
**Subject:** RED HILL STATUS REPORT - AUGUST 5, 2014  
**Importance:** High

Hi Richard/Roxanne:

I apologize for the lateness of the report. I wanted it to be as accurate as possible. 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 5, 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.
  - 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. Information from our consultants and other industry queries provided that non-invasive scanning of basalt for contaminant mass is less effective than the proposed Tank 5 characterization. Action complete.
  - c. Item 3 - Methods and locations for borings to most efficiently characterize the extent of contamination.
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.
  - b. Action 2 - No change.
  - 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. If free product is found in the groundwater in the characterization wells, efforts to the maximum extent practicable will be made for removal. No free product plume is found in the groundwater in the well closest to Tank 5, or in any of the existing monitoring wells. Free product removal from basaltic rock has not been feasible at similar sites and appreciable amounts are not expected at Tank 5. Free product removal from the tank structure (interstitial spaces and tunnels) is currently being evaluated by the tank experts.
  - 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 submitted responses to DOH and EPA comments on the Draft Work Plan for Installation of Two Sentinel Wells.

The Draft Site Characterization Work Plan/ Sampling and Analysis Plan was submitted to the DOH and EPA on 29 July 2014.

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

Vr,

Aaron