



DEPARTMENT OF THE NAVY

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

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Ser N45/712

September 22, 2014

CERTIFIED NO: 7014 1200 0000 9858 5196

Mr. Steven Chang, P.E., Chief
Hawaii State Department of Health
Environmental Management Division
Solid and Hazardous Waste Branch
919 Ala Moana Boulevard, Room 212
Honolulu, HI 96814

Dear Mr. Chang,

SUBJECT: RED HILL TANK 5 RELEASE FREE PRODUCT RECOVERY
DEPARTMENT OF HEALTH (DOH) FACILITY ID NO. 9-102271,
DOH RELEASE ID NO. 140010

The following information is provided to update your Department on the free product recovery efforts underway for the Red Hill Tank 5 fuel release of January 2014.

a. From the Soil and Rock: The Navy has submitted a Site Characterization Work Plan/Sampling and Analysis Plan for your review. The characterization may, pending DOH approval, include boring into the basalt beneath the tank to determine the nature and extent of any contamination. If recoverable free product is discovered during this investigation into the subsurface, efforts will be made to remove the free product. Geology and contamination information gathered from the characterization will be used to determine the best remediation solutions. The results of this site characterization will be submitted to your office.

b. From the Tank Structure: The Navy has also been evaluating courses of action to investigate whether recoverable free product resides within the tank structure (i.e., within any voids between the steel tank and concrete backing). It has been determined at present that the most likely path of any released fuel would be between the steel and the concrete tank containment toward the bottom of the tank. To access the area at the bottom of the tank some of the epoxy coating/liner and welded patch plates will be removed in several areas. Holes drilled through the steel liner plates will be explored for existing free product. If found, the recoverable free product

STATE OF NEW YORK
IN SENATE
January 11, 1911.



REPORT OF THE COMMISSIONERS OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE

ON JANUARY 11, 1911.

ALBANY: JAMES BROWN PUBLISHER, 1911.

The following report of the Commissioners of the Land Office is published in accordance with a resolution of the Senate, passed on January 11, 1911, and is intended to be a permanent record of the same.

The report is divided into two parts, the first of which contains a general statement of the land resources of the State, and the second of which contains a detailed statement of the land resources of each county.

The first part of the report contains a general statement of the land resources of the State, and is divided into three sections, the first of which contains a statement of the total land resources of the State, the second of which contains a statement of the land resources of each county, and the third of which contains a statement of the land resources of each town.

The second part of the report contains a detailed statement of the land resources of each county, and is divided into two sections, the first of which contains a statement of the land resources of each town, and the second of which contains a statement of the land resources of each village.

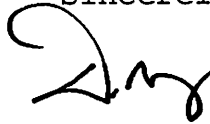
The report is intended to be a permanent record of the land resources of the State, and is published in accordance with a resolution of the Senate, passed on January 11, 1911, and is intended to be a permanent record of the same.

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will be retrieved. This destructive exploration will be conducted in a manner that will allow the integrity of the tank to be reestablished and avoid creating vulnerabilities for future fuel releases. Upon completion, the tank integrity impacted by this effort will be restored. The results of this free product investigation from the tank structure will be shared with your office.

We will continue to keep you informed on our progress. If you have any questions regarding this matter, please contact Aaron Poentis at (808) 471-1171, extension 226.

Sincerely,



D. A. TUFTS
Captain, CEC, U.S. Navy
Regional Engineer
By direction of the
Commander

Copy to: Steven Linder, EPA Region IX
CAPT Wheeler, NAVSUP FLC Pearl Harbor
CAPT Bower, DLA Energy Pacific
CAPT Edelson, NAVFAC EXWC
CAPT Williamson, NAVFAC PAC

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