

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
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BERKELEY, CA 94710-2737
(510) 540-3724



August 27, 1992

Ms. Louise T. Lew
Code 1811
Naval Facilities Engineering Command
Western Division
900 Commodore Drive
San Bruno, California 94066-2402

Dear Ms. Lew:

REMOVAL ACTION - INTERMEDIATE MAINTENANCE FACILITY, ALAMEDA NAVAL AIR STATION

The Department of Toxic Substances Control (DTSC) has completed the review of the Intermediate Maintenance Facility (IMF) Investigation Report received on July 8, 1992. Based on the review of this report, the Department would like to reiterate its position made on January 29, 1992 that the U.S. Navy should perform a Removal Action, conduct an Engineering Evaluation/Cost Analysis (EE/CA), and submit an EE/CA report no later than October 27, 1992.

It was in 1989 during construction activities at the IMF where petroleum odors and stained soil were encountered. The U.S. Navy thereof conducted an investigation and detected lead at a concentration of 13,000 parts per million (ppm) and a pH of 1.6 at four feet deep. Because of the presence of these contaminants at these levels, DTSC then directed the U.S. Navy to perform Removal Action. Since then three additional phases of investigations were conducted. The most recent investigation addressed soil sampling at four locations which are equidistant (North, South, West and East) and 6 feet from boring B-7. Ground water was also collected from two wells (M-IMF-01 and M-IMF-02) and two borings (B-IMF-09 and B-IMF-10). The findings are 1,770 micrograms/liter of lead and a pH of 0.92 were detected in ground water at B-IMF-09. These results confirm our concern on lead leaching to the environment coming from the area around boring B-7. Because of these findings, a Removal Action around the vicinity of B-7 is therefore warranted to prevent any further release, or threat of a release of lead.

As part of the EE/CA, Health and Safety procedures for the workers and people around should be provided addressing the different contaminants that may be encountered during the construction. These contaminants must include but are not limited to low pH, lead, petroleum waste, and other hydrocarbons that may be present.

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Since floating product was observed at ground water monitoring well M-IMF-01 which is only about 30 feet from B-7, a contingency plan on how to respond when floating products are encountered during construction should also be addressed as part of the EE/CA report.

If you have any questions, please call at (510) 540-3817.

Sincerely,



Virginia L. Lasky
Associate Hazardous Materials
Specialist
Site Mitigation Branch

cc: Mr. Gary Munekawa
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