

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2

HEINZ AVE., SUITE 200
OAKLEY, CA 94710-2737

September 16, 1992



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

Dear Ms. Lew:

INTERMEDIATE MAINTENANCE FACILITY - DETECTION OF FLOATING PRODUCTS

This is to advise the Navy of the Department of Toxic Substances Control (DTSC) concern about the detection of floating product at the Intermediate Maintenance Facility (IMF) area.

According to the IMF Field Investigation Report received on July 8, 1992, about 5 feet of floating product was observed at monitoring well M-IMF-01 during a gradient study. This amount is very significant although it has not been reported to be present in other wells. It is important to determine at this time though if a major source exists or if it is localized. To make this determination, it is necessary to do the following: continuously pump the well until there is no recovery of floating product or until a very thin layer of floating product is observed. The floating product should be analyzed to determine the type of fuel, its flammability, or other analyses that will assist in the determination of its source and for health and safety procedures. An interface probe or other devices can be used to measure the thickness of the product layer. Once recovery has stopped, it is also necessary to regularly monitor the well (weekly at least) for the first few months until less frequently when no more product has been recovered. On the other hand, if enough volume has been recovered to confirm the presence of a major source, DTSC should immediately be notified verbally and followed by a written notice.

A workplan providing details must be submitted no later than November 16, 1992 and must include but are not limited to the following: type and specification of pumping equipment, storage capability, monitoring logs, health and safety procedures.

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