



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

March 20, 1997

Sandy Olliges
NASA Ames Research Center
M/S 218-1 Building 218, Room 205
Moffett Field, California 94305-1000

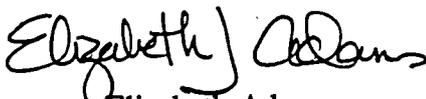
Re: *Revised Draft Removal Action Workplan for Tank 1, Tank 5 and SB-4-2 and SB-4-6 (AOI4)*, dated December 13, 1996

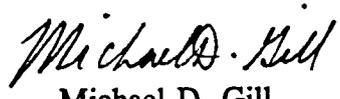
Dear Ms. Olliges,

The U.S. Environmental Protection Agency (EPA) has received the subject document and provides the following comment. This document concludes that "Alternative 3 (Free Product Removal and In Situ Bioremediation) represents the best alternative" for addressing TPH and VOC contamination at these tank and soil boring sites. The bioremediation process is described as placing an "oxygen releasing compound" (ORC) into the monitoring wells. As described in a letter from EPA (dated January 15, 1997) regarding remediation of AOI8, the Navy has recently completed a treatability study using the same technology in the Moffett Field Site 5 area and had little or no increased biodegradation. See the report entitled *Site 5 Groundwater Treatability Study Draft Technical Memorandum*, dated November 18, 1996 for more detailed information. We would caution NASA in the use of this technology based on the Navy results. With similar constituents and hydrogeology, the use of this technology would probably be equally ineffective at AOI4 (and AOI8).

If you have any questions, please call us (E. Adams at 415-744-2235 or M. Gill at 415-744-2385).

Sincerely,


Elizabeth Adams
RPM - MEW Sites


Michael D. Gill
RPM - Moffett Field

cc: Stephen Chao (Navy)
Tim Mower (PRC) (email)
Michael Rochette (RWQCB)
Peter Strauss (MHB)
Derek Whitworth (DTSC)