



N60211_000385
CROWS LANDING
SSIC NO. 5090.3.A

October 6, 1995

Ms. Sandy Olliges
NASA Ames Research Center
Mail Stop 218-1
Moffett Federal Airfield, California 94035-1000

**Subject: Naval Auxiliary Landing Field Crows Landing
Investigation Derived Waste Management**

Dear Ms. Olliges:

Beginning in mid-October 1995, PRC Environmental Management, Inc. (PRC) will be conducting field activities at Naval Auxiliary Landing Field (NALF) Crows Landing, California. PRC will be installing groundwater monitoring wells, collecting groundwater samples, and performing aquifer tests. These activities generate significant quantities of water requiring management as investigation derived waste (IDW). An estimated 2,500 gallons of groundwater will be generated from drilling, well development, and groundwater sampling. An estimated 15,000 gallons of groundwater will be generated during aquifer testing. Based on historical analytical results, total extractable and purgeable petroleum hydrocarbons (TPH-E and TPH-P) and volatile organic compounds (VOCs) are the contaminants of concern in groundwater at the sites under investigation.

In the past, PRC has obtained permission from the National Aeronautics and Space Administration (NASA) to dispose of IDW water in the base sewer system. Permission was based on laboratory analysis of IDW water samples compared to sewer discharge limits established for the cities of Palo Alto and Sunnyvale, California. The following is a proposal for the management and disposal of IDW water that will be generated during upcoming field activities at NALF Crows Landing.

Groundwater will be collected in 55-gallon drums during well development and groundwater sampling activities. The water will then be transferred into a 21,000-gallon Baker tank. During aquifer testing, groundwater will be pumped directly from the well and into the 21,000-gallon Baker tank. After well development, sampling, and aquifer testing, samples of water from the tank will be analyzed for the presence of TPH-E, TPH-P, and VOCs. Water in the storage tank is expected to be sampled in February 1996.

If analytical results indicate that TPH-E, TPH-P, and VOCs are not detected or are detected at levels not exceeding sewer discharge limits for total oil and grease (100 milligrams/Liter) or total toxic organics (1.0 milligrams/Liter) established for the cities of Palo Alto and Sunnyvale, the water will be pumped into the sewer system. Otherwise, an off-site facility will be selected for disposal.

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Please call me at (303) 312-8815 or Mr. Neil Bingert at (303) 312-8877 before October field work begins if you have any questions or concerns.

Sincerely,



Keith Reamer
Project Manager

KR:cmg

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