



DEPARTMENT OF THE NAVY
WESTERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
SAN FRANCISCO, CALIFORNIA

5090
Ser 1142A/Moffett Fld/NAS
9 DEC 1985

California Regional Water Quality Control Board
San Francisco Bay Region
Attn: Mr. Roger James
1111 Jackson Street, Room 6040
Oakland, CA 94607

Gentlemen:

Enclosure (1) is a copy of the Draft Work Plan for the Characterization Step of the Confirmation Study for Naval Air Station (NAS), Moffett Field, California. Enclosure (2) is the Preliminary Environmental Assessment Chapter to be added to the Confirmation Study (Verification Step) Report that was sent to your Board on November 13, 1985. These are submitted to satisfy California Regional Water Quality Control Board Waste Discharge Requirements (Order No. 85-66), issued to the station by your Board on June 7, 1985.

We request that you comment on the Draft Work Plan prior to plan implementation. We understand that your Board will serve as the lead agency and coordinate with other interested agencies during the plan review and comment process. Accordingly, we are sending a copy of this letter with the Draft Work Plan to each of the following agencies for their review and comment: the U. S. Environmental Protection Agency, the Santa Clara Valley Water District, the Santa Clara County Health Department, the California Water Resources Control Board, and the California Department of Health Services.

For further information regarding this matter, please contact Mr. Albert F. Rench of this Command at (415) 877-7497.

Sincerely,

ALEX E. DONG
HEAD, WEST CENTRAL ENVIRONMENTAL SECTION

Encl:

- (1) Draft Work Plan for Step II Confirmation Study (Characterization Step) for Naval Air Station, Moffett Field, California
- (2) Preliminary Environmental Assessment, Chapter 7, Confirmation Study, NAS Moffett Field, Nov 85

Copy to:

U.S. Environmental Protection Agency, Region IX, San Francisco, CA-670
 California Department of Health Services, TSCD, Berkeley, CA-671
 California Water Resources Control Board, Sacramento, CA-672
 Santa Clara County Health Department, San Jose, CA-673 851209
 Santa Clara Valley Water District, San Jose, CA-674
 Earth Sciences Associates, Menlo Park, CA (w/o encl)
 NAS Moffett Field (w/o encl)

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ENCLOSURE 1

DRAFT WORK PLAN
FOR STEP II CONFIRMATION STUDY
(CHARACTERIZATION STEP)

THIS ENCLOSURE WAS NOT SUBMITTED TO THE
ADMINISTRATIVE RECORD FILE.

QUESTIONS MAY BE DIRECTED TO:

DIANE C. SILVA
RECORDS MANAGEMENT SPECIALIST
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHWEST
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132

TELEPHONE: (619) 532-3676

7.0 ENVIRONMENTAL ASSESSMENT

A variety of contaminants were detected in soils and groundwater during the verification step study. These parameters include some metals and BNAs, PCBs, and many volatile organics. While some of these contaminants can only be from man-made sources, their mere presence does not necessarily present a problem of environmental concern. This chapter contains comparison of the concentration of contaminants detected at each site with various soil and groundwater criteria to determine whether further characterization is required.

SOILS CRITERIA

The California Department of Health Services (DHS) has established numerical criteria for various contaminants for identification of hazardous wastes. Table 7-1 presents the criteria for those pollutants detected during the verification step study. A substance is hazardous if the contaminant concentration exceeds the Total Threshold Limit Concentration (TTLC) or, when subject to the waste extraction test (WET), exceeds the Soluble Threshold Limit Concentration (STLC). The WET is used as an indicator of the potential of a contaminant to be leached from a waste. For a soil, the WET procedure is such that the extractable concentration is at most 10 percent of the total concentration if all contaminant is soluble. Therefore, if the total concentration in mg/kg does not exceed 10 times the STLC then the resulting extractable concentration must be less than the STLC and the material is not hazardous.

CONFIRMATION STUDY

DATED 01 NOVEMBER 1985

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ADMINISTRATIVE RECORD FILE.**

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