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To: Distribution

Subj: INSTALLATION RESTORATION PROGRAM MONTHLY STATUS/ACTION
REPORT FOR JUNE AT NAVAL AIR STATION, MOFFETT FIELD

1. Enclosure (1) is the Installation Restoration Status/Action Report for June 1990.
2. Should you have any questions regarding this matter, the point of contact is Commander, Western Division, Naval Facilities Engineering Command (Attn: Mr. Stephen Chao, Code 1813SC, (415) 244-2551 or 2563).

Original signed by:

RICHARD SERAYDARIAN
By direction

Encl:

- (1) Installation Restoration Monthly Status/Action Report, June 1990

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INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS/ACTION REPORT

JUNE 1990

1. Progress During the Reporting Period -

- Well development and the first monthly sampling of the Phase II wells at Sites 8 and 9 were completed in June. This activity involved development of 12 wells, which began in May, and sampling of 37 wells. June field activities are shown on Table 1.
- Phase II groundwater monitoring on the western portion of NAS Moffett Field (MEW plume area) began in June with the sampling of wells at Sites 8 and 9. The only other Phase II work currently planned for the west side of the station is shallow soil borings at Sites 15 and 16. Work at these sites will occur in the second round of Phase II activities scheduled for late summer 1990 (August/September) or, in the case of Site 16, during removal activities. Progress on overall Phase II field activities is shown on Table 2.
- Phase I tank removal activities were completed (Tanks 2, 14, 43, 53, 67, and Sump 66). Site backfilling and surface finishing, and waste transport activities were performed.
- Plans for installation of monitoring wells to determine the impact of releases from Phase I tanks began.
- Site investigation work to identify underground tanks near building 29 was performed. Existing information indicates two tank clusters may be located in the area. One cluster of six tanks (10,000 gallon capacity) and another cluster of five tanks (25,000 gallon capacity) are suspected. Trenching work in the area confirmed at least one tank at each tank cluster area.
- A contract was entered into with Water Development Company to perform well closure activities at the Known abandoned well sites.
- Site preparation work continued to secure clearance for closure of the known abandoned wells.

2. Reports Submitted and Meetings -

- Draft Action memoranda for source control actions at sites 12 and 14 were completed. The site 14 memorandum was submitted to the regulatory agencies for review.
- A field work plan for site investigations at Site 12 was prepared and submitted to the regulatory agencies for information purposes.
- The monthly meeting between the Navy and regulatory agency representatives was held in June. The meeting is identified on Table 3.

3. Problems Encountered and Resolutions -

Two of the wells previously considered to be "known abandoned wells" have been deleted from that category. The reported location of well 12N01 is inaccurate and the true location (or existence) of that well is unknown; the location of well 23A01 is now known to be off Navy property and has been excluded from the Navy closure activities. The deletion of these wells from the "known abandoned well" category required revised driller bids because of the

revised task requirements; this occurred after a driller had already been selected and was in the approval process. This delayed removal of blockages from abandoned wells at NAS Moffett Field. Blockage removal (drilling) is now scheduled to begin August 1, 1990.

Due to conditions of underground tanks near the building 29 Area (e.g. possibility of numerous additional tanks located up to 12 feet below surface within close proximity to existing structures), Tanks 47 through 50, and up to seven additional tanks, are recommended for removal from the Phase II Tank Removal Schedule. Independent investigations are recommended to (1) confirm location and number of tanks, (2) determine impacts on surrounding soil and groundwater; (3) assess appropriate tank closure methods.

4. Reports and Field Work Scheduled for July/August Submittal -

- The Phase I Characterization Report will be completed by August 1, 1990.
- The Project Management Plan will be finalized in July.
- A revised Phase II Plan will be submitted in July.
- Submit Action Memoranda for Site 12 (submitted July 2)
- Prepare proposal to install groundwater wells at Phase I tank sites and solicit drilling bids.
- Submit Action Memorandum for Phase II tank removals.
- Prepare conceptual approach to investigating tanks located near Building 29.
- Submit draft field work plan for IS8 and IS9.

5. Planned field activities for July and August are shown on Table 4.

- Complete Site 12 field work.
- Begin work on Phase I tank removal draft report.

TABLE 1. PHASE II FIELD ACTIVITIES FOR JUNE 1990
 NAS MOFFETT FIELD RI/FS

SITE	SOIL BORINGS	WELL INSTALLATION	WELL DEVELOPMENT	WELL SAMPLING
3	-	-	-	-
4/6/7	-	-	-	-
5	-	-	-	-
8	-	-	X	X
9	-	-	X	X

NOTE: X DENOTES ACTIVITY.
 - DENOTES NO ACTIVITY.

TABLE 2. STATUS OF PHASE II FIELD ACTIVITIES AS OF JUNE 30, 1990
NAS MOFFETT FIELD RI/FS

SITE	CONE PENETROMETER		HYDROPUNCH		SOIL BORINGS		WELL INSTALLATION	
	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE
3	8	8	6	6	3	0	11	0
4/6/7	14	14	9	9	4	0	13	0
5	39	39	39	39	26	0	18	0
8	19	19	17	17	6	6	4	4
9	35	35	39	39	11	11	33	33
15	0	0	0	0	9	0	0	0
16	0	0	0	0	4	0	0	0
TOTAL	115	115	110	110	63	17	79	37

NOTE: FREE-PRODUCT WELLS ARE INCLUDED IN TOTALS. ONE WELL AT SITE 9 WAS REMOVED FROM PLANS DUE TO LOCATION CONSTRAINTS.

NOTE: "PLANNED" REFERS TO THE ITEMS CURRENTLY PLANNED. THIS NUMBER MAY DIFFER FROM THE NUMBER OF ITEMS ORIGINALLY PLANNED.

TABLE 3 - JUNE 1990 NAS MOFFETT FIELD MEETINGS

Date	Location	Attendees	Topic/Comments
5/22/90	DHS, Berkely	Adkisson (PRC); Anschutz (Moffett); Bartling (IT); Bruhns (RWQCB); Chao (WESTDIV); LeClaire (PRC); Loyd (CDM); Migun (Energy Systems); Mitani (EPA); Nakashima (DHS); Ozbilgin (JMM); Pritz (Energy Systems); Robinson (IT); Tang (RWQCB).	NAS Moffett Field RI/FS Project status and progress

