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

Encl: (1) NAS Moffett Field Installation Restoration Monthly Status/Action Report, November
1990

1. Enclosure (1) is the NAS Moffett Field Installation Restoration Status/Action Report for
November 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) 244-2552).

Original signed by:

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for RICHARD SERAYDARIAN
By direction

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INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS/ACTION REPORT
NAVAL AIR STATION, MOFFETT, CALIFORNIA

NOVEMBER 1990

1. Progress During the Reporting Period

- The second quarter groundwater sampling of the Phase II wells at Sites 8 and 9 was conducted in November (November Phase II field activities are shown on Table 1, and overall progress on Phase II activities is shown on Table 2.).
- The Phase I wells at Sites 8 and 9 were sampled concurrently.
- Removal of blockages from abandoned well 14M02 was completed in November. A concrete plug was encountered at 773 ft and permission was granted from the Santa Clara Valley Water District to abandon the well. After collection of water samples and geophysical logs, both 14M01 and 14M02 were sealed by grouting to the surface. The status of abandoned well closure activities is shown on Table 3.
- The Phase II tanks and sumps were removed and the sites were restored.
- The 35-percent designs for Sites 12 and 14 were completed.
- The Site 14 Field Investigation Technical Memorandum was completed.
- The Building 29 Area Field Work Plan was completed.
- Building 29 Area field work began. Utility clearing for all subsurface work was completed and soil gas/CPT-Hydropunch work began.
- IS8 and IS9 field work continued. All soil-gas/CPT-Hydropunch work was completed. The shallow soil borings were completed and shallow wells were installed. Test-holes for deep wells were completed. Sampling of existing IT and NASA wells began.

2. Reports Submitted and Meetings

- Third Quarter, 1990 Quarterly Report to Martin Marietta Energy Systems, Inc. (Energy Systems), NAS Moffett Field and WESTDIV (November 30, 1990).
- The Site 12 and 14, 35-percent designs were submitted on November 6 and November 2, 1990 respectively.
- The Site 14 Field Investigation Technical Memorandum was submitted on November 8, 1990.

- Building 29 Area Field Work Plan was submitted on November 6, 1990.
- A Technical Review Committee Meeting was conducted at NAS Moffett Field on November 6. Presentations were made on the status of the Federal Facilities Agreement, results of Phase II tank and sump removals, status of abandoned well closure, and status of Inferred Sources 8 and 9 field activities.
- The monthly regulatory agency meeting was held on November 28, 1990.

3. Problems Encountered and Resolutions

Difficulties encountered by IT in transfer of analytical data from the laboratory were resolved and the Quarterly Report scheduled for submittal on November 15 was issued on November 30.

4. Reports and Meetings Scheduled for December/January Submittal

- Site 12 and 14 designs will continue.
- Monthly agency meeting to be held on January 15, 1991.

5. Planned Field Activities for December and January

- Complete site finishing at Wells 14M1 and 14M2 .
- Complete IS8 and IS9 field work
- Complete Phase II Tank/Sump location well installations
- Complete Building 29 Area field work
- All other planned field activities for December and January are shown on Table 4.

6. Key Personnel Changes

None

7. Chemical Laboratory Data Status Report

- All laboratory analysis data packages for Phase I and Phase II tank removals and Phase I tank location wells have been received. Laboratory reports will be provided in the draft tank removal report.
- Laboratory analyses packages for Site 14 south wells and soil borings have been received. Results were submitted in the Field Investigation Technical Memorandum.

- Laboratory reports for IS8 and IS9 field work have not yet been received.

8. Percentage of Project Completion

- Phase I tank removal tasks - 100% complete
- Phase I tank location wells - 100% complete
- Phase II tank removal tasks - approximately 100% complete
- Phase II tank location wells - 30% complete
- Phase I and II Field Work Report - approximately 50% complete
- Source Control Evaluations, Sites 12 and 14 - 100% complete
- Abandonment of Known Wells - Approximately 80% complete
- IS8 and IS9 Field Work Plans - 100% complete
- IS8 and IS9 Field Work - 50% complete
- Building 29 Field Work Plan - 100% complete
- Building 29 Field Work - 25% complete
- Sites 12 and 14 Source Control Designs - Approximately 35% complete

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

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

NOTE: X DENOTES ACTIVITY.
 - DENOTES NO ACTIVITY.

TABLE 2. STATUS OF PHASE II FIELD ACTIVITIES AS OF NOVEMBER 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. STATUS OF ABANDONED WELL CLOSURE AS OF
November 30, 1990, NAS MOFFETT FIELD

<u>WELL</u>	<u>STATUS</u>
12N01	Well is not at reported location. Existence is uncertain.
23A01	Determined to be located off NAS Moffett property. No further activity planned.
14M	Aboveground structure reported to be well 14M has been removed. Excavation revealed no well at reported location.
14M01	Well closure was completed on November 20, 1990.
14M02	Well closure was completed on November 19, 1990.

TABLE 4. PROJECTED FIELD ACTIVITIES FOR THE MONTHS OF DECEMBER 1990 AND JANUARY 1991,
NAS MOFFETT FIELD RI/FS

SITE	SOIL BORINGS		WELL INSTALLATION		WELL DEVELOPMENT		WELL SAMPLING	
	DECEMBER	JANUARY	DECEMBER	JANUARY	DECEMBER	JANUARY	DECEMBER	JANUARY
3	0	0	0	5	0	0	0	0
4/6/7	0	0	0	3	0	0	0	0
5	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
TOTAL	0	0	0	8	0	0	0	0