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From: Commander, Western Division, Naval Facilities Engineering Command  
To: Distribution

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

1. Enclosure (1) is the Installation Restoration Status/Action Report for September 1991.
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:**

*Stephen Chao for*

GILBERT A. RIVERA

By direction

Encl:

- (1) Installation Restoration Monthly Status/Action Report, September 1991

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**NAS MOFFETT FIELD  
INSTALLATION RESTORATION  
MONTHLY STATUS REPORT FOR  
SEPTEMBER 1991**

1. Progress During the Reporting Period

The following activities were accomplished during the reporting period:

- Preparation of the Site 9 Source Control Field Investigation Technical Memorandum continued.
- The Site 9 Source Control Conceptual Design began.
- The Site 14 South Source Control construction specifications were completed.
- The Site 12 Source Control construction and service specifications were completed.
- Well installation for the Air Solid Waste Assessment (SWAT) was completed the first week in September.
- Began sampling of Phase II wells and resampling of Phase I wells at Sites 3-7 for the second quarter
- Step drawdown testing began in late September in preparation for the October aquifer testing.
- September field activities are shown in Table 1, and the overall status of Phase II field activities is shown in Table 2.

2. Reports Submitted and Meetings

- Technical Coordination Meeting with NASA, Navy, and MEW companies - September 18, 1991
- Monthly Regulatory Agency Meeting - October 1, 1991
- The Final Aquifer Test Plan was submitted to Martin Marietta Energy Systems, Inc., and the Navy on September 13, 1991.

3. Problems Encountered and Resolutions

- None

4. Reports and Activities for the October/November Submittal

- The monthly agency meetings will be held on November 6, 1991, at NAS Moffett Field.
- The TRC Meeting will be held on November 6, 1991 at 10:00 a.m. at NAS Moffett Field.

- Technical Coordination Meetings will be held between NASA, Navy, and MEW Companies in October and November.
- The Site 9 Field Work Technical Memorandum will be submitted on October 15, 1991.
- The Site 9 Design Basis will be submitted on October 15, 1991.
- The Site 9 35% Design will be submitted on November 15, 1991.
- The Soil Pile Contaminant Profile Report will be submitted by October 31, 1991.
- The Field Sampling Plan, Quality Assurance Project Plan, and Health and Safety Plan for continued investigation activities will be submitted by October 31, 1991.
- Construction bid requests will be announced for Site 12 and 14 source controls in October and November, respectively.

5. Planned Field Activities for October and November

- Quarterly Sampling of Navy CLEAN wells will begin on November 4, 1991.

6. Key Personnel Changes

- Jim Haas will replace Steve Anschutz the primary NAS Moffett Field IRP Contact.

7. Chemical Laboratory Data Status Report

- Site 9 Investigation Data will be submitted with the Technical Memorandum

8. Percentage of Project Completion

- Phase I tank removal tasks - 100% complete
- Phase I tank location wells - 100% complete
- Phase II tank removal tasks - 100% complete
- Phase II tank location wells - 100% complete
- Final Phases I and II Tank and Sump Report - 100% complete
- Sites 12 and 14 Source Control Evaluations - 100% complete
- Site 14 South Field Investigation Technical Memorandum 100% complete
- Sites 12 and 14 Source Control Designs - 100% complete
- Sites 12 and 14 Source Control Field Work Plans - 100% complete

- Sites 12 and 14 Source Control Specifications - 100% complete
- Site 12 and 14 Construction Activities - 0% Complete
- Abandonment of Known Wells - 100% complete
- Investigation of Suspect Wells - 100% complete
- IS8 and IS9 Field Work Plans - 100% complete
- IS8 and IS9 Report - 100% complete
- Building 29 Field Work Plan - 100% complete
- Final Building 29 Area Report - 100% complete
- Final Sites 8 and 9 Source Control Evaluation - 100% complete
- Site 9 Field Investigations - 100% complete
- Site 9 Source Control Investigation Technical Memorandum - 80% complete
- Site 9 Source Control Designs - 20% complete
- Phase II Tank and Sump Soils Profiling - 100% complete
- Phase II Tank and Sump Soil Treatment and Disposal - 20% complete
- Soil Treatability Test Plans - postponed
- North Area Field Investigations - 100% complete
- North Area Field Investigations Report - 100% complete
- Field Sampling Plan, Quality Assurance Project Plan, Health and Safety Plan for further investigation activities - 80% complete

TABLE 1. PHASE II FIELD ACTIVITIES FOR SEPTEMBER 1991  
NAS MOFFETT FIELD

SITE	MONITORING WELL SAMPLING
1	-
2	-
3	X
4/6/7	X
5	X
8	-
9	-

NOTE: X DENOTES ACTIVITY  
- DENOTES NO ACTIVITY

**TABLE 2. STATUS OF PHASE II ACTIVITIES AS OF SEPTEMBER 30, 1991  
NAS MOFFETT FIELD RI/FS**

SITE	CONE PENETROMETER		HYDROPUNCH		SOIL BORINGS		MONITORING WELLS		AIR SWAT AND AQUIFER TEST WELLS*	
	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE
1	0	0	0	0	0	0	0	0	7	7
2	0	0	0	0	0	0	0	0	9	9
3	9	9	6	6	3	3	4	4	0	0
4/6/7	14	14	9	9	4	4	11	11	3	0
5	40	40	39	39	24	24	18	18	6	0
8	20	20	18	18	4	4	4	4	2	0
9	47	47	48	48	11	11	33	33	25	0
14	1	1	1	1	0	0	0	0	0	0
<b>TOTAL</b>	<b>131</b>	<b>131</b>	<b>121</b>	<b>121</b>	<b>46</b>	<b>46</b>	<b>70</b>	<b>70</b>	<b>52</b>	<b>16</b>

NOTE: ELEVEN FREE-PRODUCT WELLS ARE INCLUDED IN TOTALS (NINE IN SITE 5 AND TWO IN SITE 9).

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

NOTE: AIR SWAT WELLS ARE ONLY INSTALLED IN SITES 1 AND 2. SEVENTEEN WELLS WERE ORIGINALLY PLANNED, BUT ONE WAS DELETED BECAUSE OF HIGH WATER TABLE. AQUIFER TEST WELLS ARE AT SITES 4 THROUGH 9.

TABLE 3. PROJECTED FIELD ACTIVITIES FOR OCTOBER AND NOVEMBER 1991  
NAS MOFFETT FIELD RI/FS

SITE	LANDFILL GAS WELL INSTALLATION		AQUIFER TEST PUMPING WELL INSTALLATION		AQUIFER TEST OBSERVATION WELL INSTALLATION		MONITORING WELL SAMPLING	
	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER
1	7	0	0	0	0	0	0	0
2	9	0	0	0	0	0	0	0
3	0	0	0	0	0	0	19	0
4/6/7	0	0	0	0	3	0	29	0
5	0	0	0	0	6	0	20	0
8	0	0	0	0	2	0	0	0
9	0	0	3	0	22	0	0	0
<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>68</b>	<b>0</b>