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Subj: INSTALLATION RESTORATION PROGRAM MONTHLY STATUS REPORT
FOR NAVAL AIR STATION, MOFFETT FIELD

Encl: (1) Installation Restoration Monthly Status Report, July 1993

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(Original signed by)

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By direction

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NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA
INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS REPORT
July 1993

1. Progress During the Report Period

The following activities were accomplished during the reporting period:

- Completed additional revisions to the Federal Facilities Agreement (FFA) language and schedules.
- Completed the Draft Operable Unit (OU) 6 Baseline Human Health Risk Assessment Work Plan.
- Completed the Draft Petroleum Site Characterization Plan.
- Completed revisions to the Final Horizontal Conduits Study Field Work Plan.
- Completed the Draft Final Remedial Design/Remedial Action (RD/RA) Work Plan for OU 2-West.
- Continued revisions to the Draft Final Preliminary Assessment/Site Inspection (PA/SI) Field Work Plan (FWP) (name changed to Additional Investigation of Inferred Sources FWP).
- Continued revisions to the Draft Final RD/RA Work Plan for West-Side Aquifer Remediation.
- Continued revisions to the Draft Final OU 5 Remedial Investigation (RI) Report.
- Continued preparation of the Draft OU 5 Feasibility Study (FS) Report and Proposed Plan.
- Continued operation of the Site 14 South source control system.
- Continued horizontal conduit study activities.
- Continued site-wide ecological assessment activities.

2. Reports Submitted and Meetings

Meetings:

- The monthly regulatory agency meeting was held July 15, 1993 at 10:00 am at Naval Air Station (NAS) Moffett Field.
- A Technical Review Committee (TRC) meeting was held July 15, 1993 at 2:00 pm at NAS Moffett Field.
- A Long-Term Planning meeting was held July 16, 1993.

- A meeting to discuss additional investigations of inferred sources and comments on the Draft PA/SI FWP was held July 23, 1993 at the offices of PRC Environmental Management, Inc.

Submittals:

- The Draft OU 6 Baseline Human Health Risk Assessment Work Plan was submitted July 1, 1993.
- The Draft Petroleum Site Characterization Plan was submitted July 2, 1993.
- The Final Horizontal Conduits Study Field Work Plan was submitted on July 2, 1993.
- The Draft Final RD/RA Work Plan for OU 2-West was submitted July 16, 1993.

3. Problems Encountered and Resolutions

- None

4. Reports and Activities for the August/September Submittal

- A technical exchange meeting is scheduled for 9:30 am on August 18, 1993 at the offices of Canonic in Mountain View.
- The next project manager/regulatory agency meeting is scheduled for 9:30 am on September 9, 1993 at the offices of EPA in San Francisco.
- A Draft Final Additional Sites Investigation Report will be submitted after completion of the additional field investigations outlined in the Draft Final Additional Sites Investigation Report.
- The Draft Final Additional Investigation of Inferred Sources Field Work Plan will be submitted August 6, 1993.
- The Draft Final OU 5 RI Report will be submitted August 2, 1993.
- The Final RD/RA Work Plan for OU 2-West will be submitted August 13, 1993.
- The Draft Final Work Plan for West-Side Aquifer Remediation will be submitted August 27, 1993.
- Contract negotiations for construction of the Site 9 source control measure will be completed in August 1993.
- The Final OU 5 RI Report will be submitted September 2, 1993.
- The Final Additional Investigation of Inferred Sources (formerly PA/SI) FWP will be submitted September 10, 1993.

5. Key Personnel Changes

- Jeff Pile (615-690-3211) replaced Keith Bradley as project manager for IT Corporation and RI activities. Mr. Bradley will continue to be involved in the project and attend meetings.

6. Chemical Laboratory Data Status Report

- Laboratory data from the May/June quarterly sampling of Navy CLEAN wells are being validated and entered in the Navy CLEAN database.
- Laboratory data from additional site investigations, west-side aquifer investigations, and tank and sump investigations have been validated and entered into the database.

7. Percentage of Project Completion

	<u>ACTIVITY/DELIVERABLE</u>	<u>PERCENTAGE</u>	<u>COMPLETE</u>
OU 1			
	• Draft Remedial Investigation Report OU 1		100%
	• Draft Final Remedial Investigation Report OU 1		100%
	• Final Remedial Investigation Report OU 1		100%
	• Initial Screening of Technologies Report OU 1		100%
	• Draft Feasibility Study Report for OU 1		100%
	• Draft Proposed Plan for OU 1		100%
	• Draft Final Feasibility Study Report for OU 1		20%
	• Draft Final Proposed Plan for OU 1		20%
OU 2			
	• Draft Remedial Investigation Report OU 2		100%
	• Draft Final Remedial Investigation Report OU 2		100%
	• Final Remedial Investigation Report OU 2		100%
	• Initial Screening of Technologies OU 2		100%
	• Draft Feasibility Study OU 2		100%
	• Revised Draft Feasibility Study OU 2		20%
	• Draft Proposed Plan OU 2		100%

- Revised Draft Proposed Plan OU 2 100%
- OU 2 Field Work Plan 80%
- Draft RD/RA Work Plan for OU 2•WEST 100%
- Draft Final RD/RA Work Plan for OU 2-WEST 100%

OU 4 AND WEST-SIDE AQUIFER

- Draft Remedial Investigation Report OU 4 100%
- Draft Final Remedial Investigation Report OU 4 100%
- Final West-Side Aquifer Characterization Report 100%
- Initial Screening of Technologies OU 4 100%
- Draft Feasibility Study OU 4 100%
- Draft Proposed Plan OU 4 100%
- OU 4 Field Work Plan 100%
- OU 4 Field Work 100%
- Draft West-Side Aquifer Field Investigation Technical Memorandum 100%
- Final West-Side Aquifer Field Investigation Technical Memorandum 80%
- Draft RD/RA Work Plan for West-Side Aquifer Source Remediation 100%
- Draft Final RD/RA Work Plan for West-Side Aquifer Source Remediation 50%

OU 5

- Draft Remedial Investigation Report OU 5 100%
- Draft Final Remedial Investigation Report OU 5 90%
- Draft Feasibility Study Report OU 5 40%
- Draft Proposed Plan OU 5 10%

OU 6

- OU 6 Draft Field Work Plan (subsequent submittals included with Site-Wide Ecological Assessment) 100%
- Draft OU 6 Remedial Investigation Work Plan (for human health risk assessment) 100%

PHASE I AND II

- Phase I tank removal tasks 100%
- Phase I tank location wells 100%
- Phase II tank removal tasks 100%
- Phase II tank location wells 100%
- Draft Phases I and II Tank and Sump Report 100%
- Final Phases I and II Tank and Sump Report 100%
- Phase II Tank and Sump Soils Profiling 100%
- Phase II Tank and Sump Soil Disposal 100%
- Additional Tank and Sump Investigations Field Work Plan 100%
- Additional Tank and Sump Investigations 100%
- Draft Additional Tank and Sump Field Investigation Technical Memorandum 100%
- Final Additional Tank and Sump Field Investigation Technical Memorandum 100%

BUILDING 29

- Building 29 Field Work Plan 100%
- Building 29 Area Field Investigations 100%
- Draft Building 29 Area Report 100%
- Final Building 29 Area Report 100%

SITES 8 AND 9

- Sites 8 and 9 Source Control Evaluations (Action Memoranda) 100%
- Sites 8 and 9 Source Control Evaluations 100%
- Site 9 Field Work Plan 100%
- Site 9 Field Investigations 100%
- Draft Site 9 Source Control Investigation Technical Memorandum 100%

- Final Site 9 Source Control Investigation Technical Memorandum 100%
- Site 9 Source Control Designs 100%

SITES 12 AND 14

- Sites 12 and 14 Source Control Evaluations (Action Memorandum) 100%
- Sites 12 and 14 Source Control Evaluations 100%
- Draft Site 14 South Field Investigation Technical Memorandum 100%
- Final Site 14 South Field Investigation Technical Memorandum 100%
- Sites 12 and 14 Source Control Designs 100%
- Sites 12 and 14 Source Control Specifications 100%

IS8 AND IS9

- IS8 and IS9 Field Work Plans 100%
- IS8 and IS9 Field Investigations 100%
- IS8 and IS9 Reports 100%

NORTH BASE AREA

- North Base Area Field Investigations 100%
- North Base Area Field Investigations Report 100%
- North Base Area Additional Investigations Field Work Plan 100%
- North Base Area Additional Investigations 100%

ADDITIONAL SITE INVESTIGATION

- Additional Site Investigation Field Work Plan 100%
- Additional Site Investigations 100%
- Draft Site Investigation Report 100%
- Draft Final Site Investigation Report 100%
- Additional Site Investigation Field Work Plan Amendment 80%

SITE-WIDE

- Site-Wide Quality Assurance Project Plan 100%
- Site-Wide Field Sampling Plan 100%
- Site-Wide Health and Safety Plan 100%
- Site-Wide Ecological Assessment Draft Final Field Work Plan 100%
- Site-Wide Ecological Assessment Final Field Work Plan 100%

MISCELLANEOUS

- Abandonment of Known Wells 100%
- Investigation of Suspect Wells 100%
- Technical Memorandum on Geology and Hydrogeology 100%
- Draft Preliminary Assessment/Site Inspection (PA/SI) Work Plan 100%
- Draft Final Additional Investigation of Inferred Sources (formerly PA/SI) Work Plan 75%
- Draft Horizontal Conduit Study Work Plan 100%
- Final Horizontal Conduit Study Work Plan 100%

PETROLEUM SITES

- Draft Petroleum Cleanup Site Characterization Report 100%
- Final Petroleum Cleanup Site Characterization Report 10%