

5090
Ser 09ER1DS/L5089
23 Mar 1995

From: Commanding Officer, Engineering Field Activity West,
Naval Facilities Engineering Command
To: Distribution

SUBJ: MONTHLY PROGRESS REPORT FOR FEBRUARY 1995, ENGINEERING FIELD
ACTIVITY WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT ANNEX, SAN FRANCISCO, CA

Encl: (1) February 1995 Monthly Progress Report

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415)244-2571, or
FAX (415)244-2553.

Original signed by:

RICHARD POWELL
Head, Environmental Restoration Section 1
By direction of the Commanding Officer

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**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

FEBRUARY 1995

**NAVAL FACILITIES ENGINEERING COMMAND
HUNTERS POINT ANNEX**

1. PROGRESS DURING THE REPORT PERIOD

The following activities were accomplished during the report period:

- Remedial investigation activities in Parcels B and C continued, consisting primarily of posting of data as it is received, continued input of the chemical data into the database as data is validated, and a preliminary evaluation and interpretation of the chemical contamination. The field work remaining for these two parcels includes completion of offsite borings (IR-18), completion of several limited access borings, cleanout and integrity testing of representative catch basins, assessment of possible DNAPLs, the third round of the groundwater sampling, and aquifer testing. This final field work is anticipated to be conducted in March and April. Depending on contractual factors, this field work may or may not be combined with the remaining field work at the site assessment sites.

The field work in Parcels D and E was stopped on October 28, 1994 as a result of funding/contracting complications. Presently, the only work being conducted is the ongoing posting of sample locations on maps, input of the sample information and results from validated data into the chemical database, and input of the boring log data into the database.

- The BRAC Closure Plan for HPA with the 1995 update is in preparation. The comments from the review conducted in January are being incorporated with a scheduled distribution to the RAB members in late February.
- The preliminary draft of the Facility-Wide Air Monitoring Phase II Report is presently being internally reviewed by the Navy and is expected to be delivered to the regulatory agencies in March.
- The sandblast investigation in Parcel A is ongoing. The excavation and sampling has been completed with the exception of an additional three samples adjacent to the north side of the lot, and the grouting of the weepholes in the retaining wall on the west. The sampling and work at the weepholes is to be done in conjunction with backfilling of the previously excavated areas and was expected to be conducted in February. However, as a result of scheduling difficulties with the contractor (PWC), it appears that this work will be conducted in March.
- Groundwater samples (split samples with EPA) were obtained from the monitoring well in the Building 101 parking lot in Parcel A on February 14, 1995.

- At the Pickling and Plate Yard (IR-9) Removal Action Project, work continued on the removal of contaminated materials.
- The Ecological Risk Assessment Phase 1B work plan approach has been presented to the agencies and a majority of the comments have been received.

A meeting was held between the Navy and the regulatory agencies regarding the scope of the aquatic sampling on February 14, 1995. As a result of the consensus at the meeting, along with general agreement on the terrestrial sampling, the preparation of the Phase 1B Ecological Risk Assessment work plan will be continued with an estimated delivery to the agencies on April 1, 1995.

- The scope of the Parcel A RI report and its integration with the Parcel A SI report has been substantially delineated by the Navy and the agencies. The current proposal consists of the Draft Final Parcel A SI report being accepted as submitted with the last round of comments being incorporated into the upcoming RI report on the groundwater investigation. The RI report will summarize the previous investigations concerning soils in the SI report and focus on the groundwater investigation and feasibility studies arising from the results of the RI.
- The stormwater monitoring for Parcel A continues. The sampling during a storm event was conducted on January 20, 1995, and the sample results are currently being validated. The next sampling is scheduled for a wet period in mid-March and a dry period in late May or early June.

2. REPORTS SUBMITTED AND MEETINGS

Meetings

- Remedial Investigation Project Prioritization meeting between the Navy and the regulatory agencies on February 1, 1995.
- Radiation Advisory Group meeting between the Navy and the regulatory agencies on February 2, 1995 to discuss radiation issues at HPA.
- Meeting between the Navy and the regulatory agencies to discuss the Phase 1B Ecological Risk Assessment protocol for aquatic sampling on February 14, 1995.
- RI Report Scoping meeting between the Navy and the regulatory agencies on February 15, 1995.
- RAB meeting on February 22, 1995.
- Remedial Investigation Report Outline discussion between the Navy and the regulatory agencies on February 27, 1995.

Submittals

- Proposed FFA schedules for Parcels A, B, C, D, and E submitted to the regulatory agencies on February 1, 1995.
- Response to EPA's comments regarding the use of HBLs versus PRGs by the Navy in the RI/FS process submitted on February 3, 1995.
- HPA BRAC Cleanup Plan (BCP) was distributed to RAB on February 28, 1995.

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

- The Parcel A groundwater investigation and its resulting RI report continues to be discussed by the Navy and the regulatory agencies. The proposed resolution of the informal dispute consists of implementing the sampling of a monitoring well in the parking lot of Building 101 following a work plan prepared by EPA. Following this sampling, an RI report will be prepared incorporating data from the soil excavations reported in the Parcel A SI report along with the results of the sandblast investigation and of the sampling from the parking lot monitoring well. Discussions are ongoing regarding the scope of the RI report, particularly concerning the approach for the ARARs and fate and transport analysis sections. With minor differences between the parties, the approach seems to be agreed to by all parties, with work to begin while awaiting results of the first sampling event taken on February 14, 1995.
- The FFA interim schedules will need to be renegotiated since the project has encountered a minimum of 13 months delay due to lack of funding and contract capacity. Proposed schedules for Parcels A, B, C, D and E were submitted to the agencies on February 1, 1995. The Navy has received comments from the EPA and DTSC and is preparing a response.
- The approach to calculating the background levels at HPA was agreed to by the Navy and the regulatory agencies on January 17, 1995. As a result, the technical memorandum on background levels will be revised using the new protocols and submitted to the regulatory agencies in approximately three to four months.
- The regulatory agencies have proposed the use of PRGs rather than HBLs in any future screening of chemical results at HPA. The Navy responded formally on February 3, 1995 and is awaiting a response from the EPA.

4. REPORTS AND ACTIVITIES FOR MARCH 1995

Documents Scheduled for March 1995 Submittal

- Draft Phase II Radiation Investigation Report is undergoing internal Navy review and is scheduled to be submitted in late March.
- Draft Final IR-3 Bioremediation Treatability Work Plan.
- Draft Facility-Wide Air Monitoring Phase II Report.
- Response to ARC's comments on Parcel C and D Draft Site Inspection Reports.

Activities Planned for March 1995

- Continue removal actions at the Pickling and Plate Yard (IR-9) Project.
- Continue preparation of Dry Dock 4 removal action documentation.
- Begin bench scale testing for Tank Farm (IR-6) soil remediation removal action.
- Complete sandblast investigation in Parcel A.
- Continue Remedial Investigation in Parcels B, C; complete the revised scope of work in D and E.
- Prepare for Radiation Screening of NRDL sites, reflecting results of the meeting on February 2, 1995.
- Continue the preparation of the Ecological Risk Assessment Phase IB work plan reflecting agreed upon items from February 14, 1995 meeting.
- Prepare Parcels A, B, C, D and E schedules upon resolution of outstanding issues.
- Sample at the parking lot monitoring well during the required storm event when required weather conditions are met.
- Sample stormwater in Parcel A.
- RAB meeting on March 22, 1995.

5. KEY PERSONNEL CHANGES

None.

6. PERCENTAGE OF PROJECT COMPLETION

Please note that the listing of percentage of project completion has been substantially revised to better reflect ongoing project activities. Those sections dealing with previously conducted work in the organizational limits such as OUs and groups have been incorporated into the parcel-wide RI work. In addition, a new section addressing the treatability studies and removal actions has been added for a more complete description of project activities.

<u>ACTIVITY/DELIVERABLE</u>	<u>PERCENTAGE COMPLETE</u>
PARCEL B	
• SI Sampling, Analysis and Interpretation	100%
• Draft SI Report	100%
• Draft Final SI Report	98%
<u>RI Work (Excluding Site Assessment Sites)</u>	
• RI Sampling	90%
• RI Lab Analysis/Data Validation	70%
• RI Data Management/Interpretation	65%
<u>RI Work at Site Assessment Sites</u>	
• RI Sampling	0%
• RI Lab Analysis/Data Validation	0%
• RI Data Management/Interpretation	0%
<u>RI Work (Including Site Assessment Sites)</u>	
• RI Data Presentation	0%
• Draft RI Report	0%
• Draft Final RI Report	0%
PARCEL C/DRY DOCK NO. 4	
• SI Sampling, Analysis and Interpretation	100%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE**

- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 72%
- RI Lab Analysis/Data Validation 60%
- RI Data Management/Interpretation 60%

RI Work at Site Assessment Sites

- RI Sampling 0%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft RI Report 0%
- Draft Final RI Report 0%

PARCEL D

- SI Sampling, Analysis and Interpretation 100%
- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 90%
- RI Lab Analysis/Data Validation 50%
- RI Data Management/Interpretation 30%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE****RI Work at Site Assessment Sites**

- RI Sampling 0%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft Final RI Report 0%

PARCEL E

- SI Sampling, Analysis and Interpretation 100%
- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 90%
- RI Lab Analysis/Data Validation 45%
- RI Data Management/Interpretation 40%

RI Work At Site Assessment Sites

- RI Sampling 0%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft RI Report 0%
- Draft Final RI Report 0%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE****TREATABILITY STUDIES/REMOVAL ACTIONS****OU I Sites**

- Draft IR-3 Treatability Study work plan for:
 - (1) Chemically and Thermally Enhanced Recovery 100%
 - (2) Bioremediation 100%
- Draft Final IR-3 Treatability Study Work Plan for:
 - (1) Chemically and Thermally Enhanced Recovery 100%
 - (2) Bioremediation 60%
- Draft Radium Removal Treatability Study for IR-2 0%
- Draft Final Radium Removal Treatability Study for IR-2 0%
- Draft Containment Options Study at OU I (deleted)
- Draft Final Containment Options Study at OU I (deleted)

Group 5 Sites

- Draft Treatability Study Work Plan/Action Memorandum for Recommended Interim Removal Actions at IR-11, 12, 14, and 15 0%
- Draft Final Treatability Study Work Plan/Action Memorandum for Recommended Interim Removal Actions at IR-11, 12, 14, and 15 0%

Removal Actions**Pickling & Plate Yard, IR-9**

- Implementation of Removal Action at Pickling and Plate Yard, IR-9 15%
- Draft Summary Report of Removal Actions at Pickling and Plate Yard, IR-9 0%
- Draft Final Summary Report of Removal Actions at Pickling and Plate Yard, IR-9 0%

Soil at IR-6, Tank Farm

- Implementation of Removal Action of Soil and Free Product in Soil at IR-6 20%

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

- Draft Summary Report of Removal Action of Soil and Free Product in Soil at IR-6 0%
- Draft Final Summary Report of Removal Action of Soil and Free Product in Soil at IR-6 0%
- Soil Sampling for Bioremediation Bench Scale Study 100%

Sandblast Grit Recycling

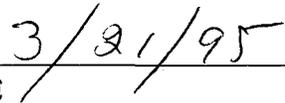
- Implementation of Sandblast Grit Recycling at OU I 75%
- Draft Summary Report of Sandblast Grit Recycling at OU I 0%
- Draft Final Summary Report of Sandblast Grit Recycling at OU I 0%

Facility-wide Investigations

- Draft Phase II Air Sampling Report 80%
- Ecological Risk Assessment Phase IA 92%
- Preparation of Ecological Risk Assessment Phase IB Work Plan 60%
- Ecological Risk Assessment Phase IB Implementation 0%
- Quarterly Groundwater Monitoring Implementation (OU II sites) 80%
- Hydrogeologic Conceptual Model Technical Report 80%
- Site-wide Radiological Assessment 20%



RICHARD POWELL
LEAD REMEDIAL PROJECT MANAGER


DATE