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Command
To: Distribution

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

Encl: (1) March 1995 Monthly Progress Report

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415) 244-2655, or FAX (415) 244-2654.

Original signed by:

RICHARD POWELL
By direction

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**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

MARCH 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 are validated, and a preliminary evaluation and interpretation of the hydrogeologic and chemical conditions. 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 pending the possible preparation of a work plan, the third round of the groundwater sampling, and aquifer testing. This final field work is anticipated to begin in 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 Cleanup Plan for HPA with the 1995 update was distributed to the regulatory agencies and the members of the Restoration Advisory Board(RAB) on March 3, 1995.
- The preliminary draft of the Facility-Wide Air Monitoring Phase II Report is under internal review by the Navy and is expected to be delivered to the regulatory agencies in April.
- The sandblast/pesticide investigation in Parcel A is ongoing. The majority of the excavation and sampling has been completed with the collection of an additional three samples adjacent to the north side of the lot, as was discussed in the previous progress report. Remaining work consists of the grouting of the weepholes in the retaining wall on the west and the backfilling of the previously excavated areas with clean fill. However, as a result of recent rains causing equipment access difficulties for the contractor (PWC), this work was postponed to April.

- Results from the groundwater samples (split samples with EPA) taken from the monitoring well (IR59MW06F) in the Building 101 parking lot in Parcel A on February 14, 1995 have been received by the Navy. The only detections were petroleum hydrocarbons characterized as motor oil, at 250 parts per billion. Subsequent to this, the water levels in the monitoring well were logged to determine if the well responded to rainfall events sufficiently to pick a sample time on the falling limb of the hydrograph. It was found that the well did respond well enough and the final sampling of the groundwater was conducted on March 27, 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.

The preparation of the Phase 1B Ecological Risk Assessment work plan continues with an estimated delivery to the agencies in late-April or early-May, 1995. The increase in preparation time will allow for the incorporation of the comments and suggestions of the various agencies regarding the aquatic and terrestrial investigations.

The Biological Technical Assistance Group (BTAG) meeting is scheduled for April 24, 1995 to discuss sediment toxicity issues.

- The Parcel A 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. A meeting is scheduled for April 4, 1995 between the Navy and the regulatory agencies to agree on the detailed parameters of the report along with a proposed schedule.
- The first phase of stormwater monitoring for Parcel A was completed in March. The sampling during a storm event was conducted on January 20, 1995, with a second episode of sampling conducted on March 16, 1995. The March sampling was designed to provide a wet season sample. The second phase, a dry period sampling event, is scheduled for late May or early June.
- At the Tank Farm soil removal and bioremediation project site, additional trenches were cut to confirm soil type and water levels for dewatering systems. The site for the bioremediation pad was relocated to parcel E.

2. REPORTS SUBMITTED AND MEETINGS

Meetings

- The San Francisco Planning Commission conducted a public tour of the Hunters Point Annex facility on March 2, 1995 in anticipation of the formal presentation of the accepted land use plan on March 6, 1995.

- The San Francisco Planning Commission formally recommended the HPA reuse plan to the San Francisco Board of Supervisors in a public meeting held on March 6, 1995. The board formally accepted the plan which initiates the preparation of a EIS/EIR by the Navy and the city within 12 months.
- Conference call on March 15, 1995 between the Navy and the EPA to discuss additional ground water sampling in the parking lot at Building 101.
- RAB meeting on March 22, 1995.

Submittals

- Radiation Investigation Meeting summary for the meeting of February 2, 1995, was submitted to the regulatory agencies and the RAB members on March 21, 1995.
- A letter and Technical Memorandum on Naturally Occurring Radioactive Material (NORM) in soils at IR-7 and IR-18, was submitted to the regulatory agencies and the RAB members on March 27, 1995.
- A letter and Technical Memorandum on the Proposed Designation of the Bedrock in Parcel A as a Non-Drinking Water Source, was submitted to the regulatory agencies on March 31, 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 sampling events of February 14, 1995 and March 27, 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 responded to comments from the EPA and DTSC and is preparing for a scheduled meeting on the issues on April 3, 1995.
- 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 is being revised using the new protocols and will be submitted to the regulatory agencies in late May or early June.

- The regulatory agencies have proposed the use of PRGs rather than HBLs in any future screening of chemical results at HPA, along with the rescreening of those sites previously proposed as no further action with the PRGs. The Navy responded formally on February 3, 1995 and received a response from the EPA on March 22, 1995. The Navy is currently preparing a response which should allow the final resolution of the issue.

4. REPORTS AND ACTIVITIES FOR APRIL 1995

Documents Scheduled for April 1995 Submittal

- Draft Phase II Radiation Investigation Report has completed internal Navy review and is scheduled to be submitted in early April.
- 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 April 1995

- Continue removal actions at the Pickling and Plate Yard (IR-9) Project.
- Continue preparation of Dry Dock 4 removal action documentation.
- Bench scale bioremediation testing of Tank Farm soil for future bioremediation pilot study.
- Completion of draft workplan for Cleaning/Sealing of the Dry Dock 4 Drainage Tunnels by Mare Island Naval Ship Yard.
- Begin bench scale testing for Tank Farm (IR-6) soil remediation removal action.
- Complete backfilling of the sandblast investigation site in Parcel A.
- Continue Remedial Investigation in Parcels B and C; continue with the revised scope of work in D and E.
- Prepare for Radiation Screening of NRDL sites, following acceptance of a proposed workplan to be submitted to the agencies.
- Continue the preparation of the Ecological Risk Assessment Phase IB work plan reflecting agreed upon items.
- Prepare Parcels A, B, C, D and E schedules upon resolution of outstanding issues.
- Continue the preparation of the Parcel A RI report upon final agreement on the detailed scope and parameters of the investigation.

- Prepare for sampling of stormwater in Parcel A in May or June.
- RAB meeting on April 25, 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.

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

PARCEL B

- | | |
|--|------|
| • 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 | 70% |
| • RI Data Management/Interpretation | 65% |

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 C/DRY DOCK NO. 4

- SI Sampling, Analysis and Interpretation 100%
- 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%

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%

TREATABILITY STUDIES/REMOVAL ACTIONS

OUI 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%

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 20%
- 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%

- 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 65%
- 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 25%

Richard Powell
 RICHARD POWELL
 LEAD REMEDIAL PROJECT MANAGER

4-17-95
 DATE