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

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

Encl: (1) April 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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RAB Member: Business of Hunters Point Shipyard (Attn: Scott Madison)

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RAB Member: Mayor's Hunters Point Shipyard Citizens Advisory Committee
(Attn: Al Williams)

RAB Member: The New Bayview Committee (Attn: Samuel Murray)

RAB Member: SEED (Attn: Sy-Allen Browning)

RAB Member: ARC/Arms Control Research Center (Attn: Saul Bloom)

RAB Member: Law Offices of Leslie R. Katz (Leslie Katz)

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**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

APRIL 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 fieldwork and sampling of several limited access borings in Parcels B and C, 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), 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 began 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 preliminary draft of the Facility-Wide Air Monitoring Phase II Report has been reviewed by the Navy and is expected to be delivered to the regulatory agencies in early May.
- The sandblast/pesticide investigation and the groundwater investigation in Parcel A have been completed and are being written up for incorporation in the Parcel A RI report.
- 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. The scheduled delivery of the draft Parcel A RI report is June 30, 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 comments received, including additional sampling proposed by the Regional Water Quality Control Board. This additional work will be discussed in a meeting between the Navy and agencies on May 9, 1995. The preparation of the Phase 1B Ecological Risk Assessment work plan continues with an estimated delivery to the agencies on June 5, 1995.

Enclosure (1)

The stormwater monitoring for Parcel A continues. 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. A dry period sampling event is scheduled for late May or early June.

2. REPORTS SUBMITTED AND MEETINGS

Meetings

- The Navy met with the regulatory agencies and the San Francisco Redevelopment agency on April 3, 1995 to discuss the integration of the HPA reuse plan and the proposed schedules for cleanup. A followup meeting was scheduled for May 18, 1995.
- The Navy met with the regulatory agencies on April 4, 1995 to resolve concerns regarding the scope and schedule for the Parcel A RI report.
- The Navy and the regulatory agencies met on April 19, 1995 to discuss the upcoming presentation concerning the Phase II Radiation Investigation Report to the RAB.
- RAB meeting on April 25, 1995.

Submittals

- Draft Phase II Radiation Investigation Report was submitted to the regulatory agencies and the RAB members on April 5, 1995.

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

- The fieldwork for the Parcel A groundwater investigation and investigation of the sandblast in the Jerrold Street lot have been completed. The Navy and the regulatory agencies have agreed on the scope of the RI report and its schedule. The draft Parcel A RI report is scheduled to be submitted on June 30, 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 were submitted to the agencies on April 26th, following the April 4th meeting between the Navy and agencies. Based on discussions at the April 26th meeting, a revised set of FFA schedules are to be submitted with a final agreement by May 17th.
- 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 has been revised using the new protocols and will be submitted to the regulatory agencies in mid-May.
- 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 has acknowledged the EPA's approach for the use of PRGs and the approach will be used in the preparation of the Parcel A RI report. A meeting prior to the completion of the risk assessment will address any minor issues that may remain.

4. REPORTS AND ACTIVITIES FOR MAY 1995

Documents Scheduled for May 1995 Submittal

- Draft Final IR-3 Bioremediation Treatability Work Plan.
- Draft Facility-Wide Air Monitoring Phase II Report in mid-May.
- Response to ARC's comments on Parcel C and D Draft Site Inspection Reports.

Activities Planned for May 1995

- Continue removal actions at the Pickling and Plate Yard (IR-9) Project.
- Continue preparation of Dry Dock 4 removal action documentation.
- Continue bench scale testing for Tank Farm (IR-6) soil remediation removal action.
- 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 1B work plan. Any changes resulting from the proposed May 9th meeting with the agencies will be reflected in the workplan, if possible.
- Prepare Parcels A, B, C, D, E and F schedules upon resolution of outstanding issues.
- Continue the preparation of the Parcel A RI report.
- Prepare for sampling of stormwater in Parcel A in May or June.
- RAB meeting on May 24, 1995.

5. **KEY PERSONNEL CHANGES**

David Martinez of PRC, who has worked on the Radiation Investigation at HPA, has left the project. His role will be taken over by Ken Kasper of PRC, who is a certified health physicist with radiation experience.

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	92%
· RI Lab Analysis/Data Validation	75%
· 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%

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

- Draft Final RI Report

0%

PARCEL C/DRY DOCK NO. 4

- SI Sampling, Analysis and Interpretation
- Draft SI Report
- Draft Final SI Report

100%

100%

98%

RI Work (Excluding Site Assessment Sites)

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

78%

65%

60%

RI Work at Site Assessment Sites

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

0%

0%

0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation
- Draft RI Report
- Draft Final RI Report

0%

0%

0%

PARCEL D

- SI Sampling, Analysis and Interpretation
- Draft SI Report
- Draft Final SI Report

100%

100%

98%

RI Work (Excluding Site Assessment Sites)

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

- RI Sampling 90%
- RI Lab Analysis/Data Validation 60%
- RI Data Management/Interpretation 35%

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 50%
- RI Data Management/Interpretation 45%

RI Work At Site Assessment Sites

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

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

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%
- Draft Containment Options Study at OUI (deleted)
- Draft Final Containment Options Study at OUI (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 30%

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

· 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 Study 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%
<u>Facility-wide Investigations</u>	
· Draft Phase II Air Sampling Report	85%
· Ecological Risk Assessment Phase IA	94%
· Preparation of Ecological Risk Assessment Phase 1B Work Plan	80%
· Ecological Risk Assessment Phase IB Implementation	0%
· Quarterly Groundwater Monitoring Implementation (OU II sites)	85%
· Hydrogeologic Conceptual Model Technical Report	85%
· Site-wide Radiological Assessment	25%

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

Richard Powell

RICHARD POWELL
LEAD REMEDIAL PROJECT MANAGER

May 16, 1995
DATE