

5090  
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20 Dec 1995

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

To: Distribution

Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1995 ENGINEERING FIELD  
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS  
POINT ANNEX, SAN FRANCISCO, CALIFORNIA

Encl: (1) November 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.

~~Original~~ signed by

RICHARD E. POWELL  
By direction of  
the Commanding Officer

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**INSTALLATION RESTORATION PROGRAM  
MONTHLY PROGRESS REPORT**

**NOVEMBER 1995**

**NAVAL FACILITIES ENGINEERING COMMAND  
HUNTERS POINT ANNEX**

**1. PROGRESS DURING THE REPORT PERIOD**

The following activities were accomplished during the report period:

- **Field Work:** Remedial investigation fieldwork has been completed for Parcels B and C, with the exception of (1) surveying of recently installed monitoring wells, (2) potential step-out borings/wells in Parcel C, and (3) proposed off-site borings near IR-18.

The field work in Parcels D and E continued. Soil borings were advanced and monitoring wells were installed. Outstanding work at these parcels consists of (1) sampling at the three formerly used defense sites (FUDS) in Parcel E, (2) sump clean out and borings adjacent to the sumps in Building 411 (Parcel D), and (3) surface soil samples to be collected in burn areas of Parcel E.

- The offshore sampling supporting the Phase 1B Ecological Assessment began November 14, 1995. EPA audited the field sampling effort on November 15, 1995 and no deficiencies were reported. On November 20 and 21, EPA collected split samples. 39 stations have been sampled. Completion of sampling is anticipated to be January 20, 1996. Chemical and bioassay analyses have begun with an anticipated completion in April 1996.
- **Parcel A:** The Parcel A Record of Decision (ROD) was signed on November 29, 1995, one day ahead of schedule.

The process of transferring Parcel A from the Navy to the City of San Francisco continues on schedule with the delivery of the Parcel A ROD during the month of November. The next step in the transfer process consists of the preparation of the Environmental Baseline Survey (EBS) and Finding of Suitability to Transfer (FOST) documentation, along with the preparation of the Environmental Impact Statement/Report (EIS/R).

Clean out of the Parcel A storm drains has been completed. The analytical results have been evaluated. The Parcel A Storm Water Monitoring Report is expected to be submitted to the regulatory agencies for review in January.

- **RI Reports:** Progress was made in the preparation of the draft Parcel B RI Report. There is an on-going discussion between the Navy and the regulatory agencies regarding the methodology approach to the human-health risk assessment for the draft Parcel B RI Report. Progress is on-going in the preparation of the Parcels D, C, and E RI reports.

Enclosure ( / )

- **Air Monitoring:** The Navy received EPA's comments on the draft Phase II Air Monitoring Report. The response to comments are due to the regulatory agencies on December 18, 1995.
- **Background Levels:** The Navy received a letter dated October 2, 1995 from the Department of Toxic Substances Control (Department) on the Hunters Point Ambient Level (HPAL) Report. The Navy's response to this letter is expected to be delivered in December.
- **Removal Actions:**

Pickling and Plate Yard (IR-9): This removal action is being conducted by Public Works Center San Francisco Bay (Public Works). Work continued on the removal of contaminated materials. During this month, the Navy provided responses to the Agencies' comments on field variance 05 and 06. Public Works has stated that December 30, 1995 would be the completion date for this removal action, dependent on receiving a timely approval from the Agencies to dispose of the concrete debris as hazardous waste (field variance 06).

Exploratory Excavations: The draft Engineering Evaluation/Cost Analysis (EE/CA) was completed and the Navy will deliver it to the regulatory agencies in early December.

Groundwater Plumes: The groundwater EE/CAs for Parcel C and Parcel E were submitted to the Navy on November 22 and November 21, respectively for internal review. Copies of the submitted EE/CA will be shared with the Remedial Action Contract (RAC) contractor for comment simultaneously with regulatory review.

Removal of Contaminated Soils and Floating Product at IR-3: PRC met with a representative of Levine-Fricke (team firm identified to perform the removal action) on November 7, 1995 to discuss the Parcel E data including a summary of the conditions at IR-3. Further meetings between the Navy and its consultants are scheduled in early December to confirm the approach for this removal action.

Repair of the Storm Drains and Removal of Sediments: The geographic informational system (GIS) map summarizing the reaches of the storm drain with potential infiltration of contaminated groundwater was completed. In addition, the sampling locations have been identified and will be presented to the regulatory agencies in the December base closure team (BCT)/ remedial project managers (RPM) meeting. After the sampling locations are approved, the addenda to the quality assurance project plan, sampling and analysis plan, and health and safety plan (QAPjP, SAP, HASP) will be submitted for review.

Sandblast Grit Recycling Project: This work is being performed by Battelle. The only outstanding item is the submittal of reports by Battelle to document this recycling action. A Summary Report and a Technology Transfer Guidance will be distributed to the regulatory agencies in January 1996.

Tank Farm (IR-6) Removal: This work is being performed by CH2M Hill. The asbestos clean out at Building 123 is being performed. The Navy will be submitting the Draft EE/CA and the 95% Design Document for the Bioremediation Pilot Study to the Agencies for review in early December.

Sediment Removal at Dry dock 4: This work is being performed by Mare Island Shipyard (MINS). The agencies provided comments on the EE/CA submitted by MINS two months ago. Navy will be submitting new schedules for this removal action.

- **Ecological Risk Assessment Phase 1B**: The preparation of the Draft Parcel F Preliminary Assessment Report was continued. The delivery schedule for this draft report is expected on December 18, 1995 for a Navy review. See Field Work for progress on the ecological sampling effort.
- **Radiation Issues**: (1) The Navy is preparing a response to the comments received on the draft Parcel B and E Subsurface Radiation Investigation Report. (2) The low level radioactive waste storage bin in building 130 was manually ventilated to reduce the radon gas concentration. This is an on-going monthly activity. (3) No additional radiation-related field work is required at IR-7/18. The final results of the surface and subsurface radiation investigation in IR-7/18 will be discussed in the draft Parcel B RI Report. (4) The Navy is awaiting internal comments from the Radiological Affairs Support Office (RASO) on the draft field work plan for the Phase III Radiation Investigation. (5) The Navy received comments from the Department of Health Services, the Department, and EPA on the draft OU-I Intertidal Sampling and Analysis Plan Work Plan. The Navy is preparing a response to the comments received. (6) The Navy continues to contact RASO in order to proceed with the investigation and disposal of the potentially radioactive IDW drums, and to determine the schedule for the Cs-137 clean-up work.
- **Community Relations**: Preparation of the revised draft Community Relations Plan (CRP) continued. During the month of November, thirteen interviews were conducted. The total number of targeted interviewees is fourteen. If the Navy and the regulatory agencies deemed that this is a representative number of interviews (original number of interviewees was aimed at thirty individuals), the deadline for the submittal of the draft CRP can be met. The last interview will take place in early December.
- **Basewide Environmental Baseline Survey (EBS)**: Progress was made in the preparation of the draft Basewide EBS. On-going tasks include programs review, database tasks, and adjacent property survey. The draft EBS is due to the Agencies for review on February 28, 1996.

## 2. REPORTS SUBMITTED AND MEETINGS

### Meetings

- The Navy met on November 2, 1995 with the regulatory agencies to discuss the agencies' comments on the draft Parcel A Record of Decision and responsiveness summary.

- A radiation meeting was held on November 7, 1995 between the Navy and the regulatory agencies. The purpose of the meeting was to present the data collected for the HPA landfill and to initiate a discussion regarding the need for a brief study on the viability and cost for the cleanup of the radiation and chemical contamination in Parcel E. The attendees agreed that the intertidal/offshore radiation investigation work plan, which was submitted to
- RAB meeting on November 15, 1995.
- The Navy met on November 28, 1995 with the EPA to discuss the Parcel A Record of Decision and to obtain the EPA's signature on the document.

### Submittals

- Master Schedule and Deliverables Schedule was submitted to the agencies in the month of November.
- Response to regulatory agencies comments on field variance 05 and 06 for the removal action at the Pickling and Plate Yard on November 2, and 3, 1995.
- Final Parcel A ROD was signed on November 29, 1995.

### 3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

- **Background Levels:** On October 2, 1995, the Navy received a letter from the Department stating that the ambient level concentrations submitted on August 17, 1995 were accepted with the exception of chromium, cobalt, and nickel. In this letter, the Department also accepted the regression coefficients and corrected correlation coefficients for chromium, cobalt and nickel. The Department stated that the acceptance was done with the understanding that additional data has not been reviewed, and that they believed that a portion of the antimony data is erroneous due to laboratory error. The Navy is in the process of preparing a position paper summarizing the Navy's understanding regarding ambient levels at HPA and a proposed action. This letter is expected to be submitted to the Department in December.
- **Offsite Access for RI Work:** The Navy is continuing to attempt to gain access to the offsite property adjacent to IR-18 in Parcel B. Subsurface contamination along Navy's facility boundary appears to extend northwest from adjacent private property. A discussion is underway between Navy's counsel and the property owner. The Parcel B RI report will report any information if available at the time of its preparation. If additional work is required it will be reported in later documents. Resolution is pending.
- **Sump Clean outs:** Building 411 in Parcel D contains a sump that needs to be cleaned out. Access to this building is limited due to the equipment that is being stored in this building. Tenant will move the equipment so that soil borings can be advanced adjacent to the sumps.
- **IR-3 Treatability Study:** A decision on whether the IR-3 treatability study will be implemented or folded as part of the removal action (EE/CA) which is currently underway has not been made.

- **PCB Occurrences:** EPA expressed some concern regarding the widespread occurrence of polychlorinated biphenyls (PCB) at low levels site wide. The Navy is preparing a response that evaluates locations with PCB concentrations that exceed 1 mg/kg to determine an appropriate response action. This response is expected to be submitted in December 1995.
- **Human Health Risk Assessment:** There is on-going discussion between Navy and the agencies regarding the methodology that will be used for the calculation of the human health risk assessment for the Parcel B RI report. The disagreement is in regards to the area size of the grid that will be used for calculation purposes.
- **Ecological Risk Assessment:** The Navy has encountered an obstacle in completing their offshore sediment sampling at couple of the sampling locations. A ship owned by Astoria Metals docked in Berth 13 area is occupying a space over two sampling locations off of transect K -- specifically over K2 and K3. The Navy is in discussion with the owner of the ship to gain access to the area. If this becomes a problem, the Navy will propose a field variation which will modify the sampling locations of the two areas.

#### 4. **REPORTS AND ACTIVITIES FOR DECEMBER 1995**

##### Documents Scheduled for December 1995 Submittal

- Response to comments on the IR-3 Treatability Study Work Plan.
- Draft Final Exploratory Excavation EE/CA
- FUDS Work Plan
- Revised Master and Deliverables Schedule
- Response to the Department's letter of September 23, 1995 regarding HPALs
- Draft Basewide Quality Assurance Project Plan
- Draft Final Phase 2 Air Monitoring Report

##### Activities Planned for December 1995

- **Field Investigations:** Continue with the implementation of the RI field work for all Parcels. Tasks include drilling, surveying, monitoring well installation, sump cleanout and others. Continue with the implementation of the Phase 1B Ecological Risk Assessment field work. The main task is sediment sampling.
- **Removal actions:** Continue removal action at the Pickling and Plate Yard (IR-09).
- Prepare building 123 for Tank Farm (IR-6) soil remediation bioremediation pilot study.

- Prepare response to the regulatory agencies' comments on the Dry Dock 4 EE/CA.
- **Radiation Issues:** Prepare of the screening of NRDL sites. Continue the radiation-related waste management activities.
- **Technical Memoranda/Position Papers:** Prepare Navy's response regarding HPAL issues.

Continue the preparation of Navy's response regarding locations at HPA with PCB concentrations greater than 1 mg/kg.

Continue the preparation of the filtered/unfiltered/slow purge groundwater sampling report.

- **Air Monitoring:** Prepare response to comments on the Phase 2 Air Monitoring report.
- **RI Reports:** Continue the preparation of the Parcel B, C, D and E RI reports.
- **BCT Activities:** Prepare for the monthly BCT/RPM meeting scheduled December 5, 1995 and January 17, 1996.

#### 5. KEY PERSONNEL CHANGES

Scott Weber will be supporting the HPA project on a part-time basis. Neill Morgan-Butcher will assume the role of Parcel E RI manager.

#### 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                    | 100% |

#### RI Work (Excluding Site Assessment Sites)

- |               |     |
|---------------|-----|
| • RI Sampling | 99% |
|---------------|-----|

**ACTIVITY/DELIVERABLE****PERCENTAGE COMPLETE**

- RI Lab Analysis/Data Validation 93%
- RI Data Management/Interpretation 92%

**RI Work at Site Assessment Sites**

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

**RI Work (Including Site Assessment Sites)**

- Draft RI Report 55%
- 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 100%

**RI Work (Excluding Site Assessment Sites)**

- RI Sampling 96%
- RI Lab Analysis/Data Validation 96%
- RI Data Management/Interpretation 94%

**RI Work at Site Assessment Sites**

- RI Sampling 20%
- RI Lab Analysis/Data Validation 10%
- RI Data Management/Interpretation 5%

**RI Work (Including Site Assessment Sites)**

- Draft RI Report 10%
- Draft Final RI Report 5%

**ACTIVITY/DELIVERABLE****PERCENTAGE COMPLETE****PARCEL D**

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

**RI Work (Excluding Site Assessment Sites)**

- RI Sampling 100%
- RI Lab Analysis/Data Validation 96%
- RI Data Management/Interpretation 94%

**RI Work at Site Assessment Sites**

- RI Sampling 45%
- RI Lab Analysis/Data Validation 20%
- RI Data Management/Interpretation 10%

**RI Work (Including Site Assessment Sites)**

- Draft RI Report 10%
- Draft Final RI Report 0%

**PARCEL E**

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

**RI Work (Excluding Site Assessment Sites)**

- RI Sampling 100%
- RI Lab Analysis/Data Validation 95%
- RI Data Management/Interpretation 85%

**RI Work At Site Assessment Sites**

- RI Sampling 30%

**ACTIVITY/DELIVERABLE****PERCENTAGE COMPLETE**

- RI Lab Analysis/Data Validation 20%
- RI Data Management/Interpretation 10%

**RI Work (Including Site Assessment Sites)**

- Draft RI Report 5%
- 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 100%

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

- Implementation of Removal Action at Pickling and Plate Yard, IR-9 90%
- Draft Summary Report of Removal Actions at Pickling and Plate Yard, IR-9 10%
- 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%

**ACTIVITY/DELIVERABLE****PERCENTAGE COMPLETE**

- Draft Summary Report of Sandblast Grit Recycling at OU I 0%
- Draft Final Summary Report of Sandblast Grit Recycling at OU I 0%
- Sandblast Grit Recycling**
- Implementation of Sandblast Grit Recycling at OU I 100%
- Draft Summary Report of Sandblast Grit Recycling at OU I 0%
- Draft Final Summary Report of Sandblast Grit Recycling at OU I 0%
- Draft Technical Transfer Document of Sandblast Grit Recycling at OU I 0%
- Draft Final Technical Transfer Document of Sandblast Grit Recycling at OU I 0%

**EE/CA**

- Draft EE/CA for Storm Drain System 50%
- Draft Final EE/CA for Storm Drain System 0%
- Draft EE/CA for Floating Products in IR-3 0%
- Draft Final EE/CA for Floating Products in IR-3 0%
- Draft EE/CA for Groundwater Plumes in Parcels B, C, and E 65%
- Draft Final EE/CA for Groundwater Plumes in Parcels B, C, and E 0%
- Draft EE/CA for Exploratory Excavations 100%
- Draft Final EE/CA for Exploratory Excavations 0%

**Facility-wide Investigations**

- Draft Phase II Air Sampling Report 85%
- Ecological Risk Assessment Phase IA 100%
- Preparation of Ecological Risk Assessment Phase 1B Work Plan 100%
- Ecological Risk Assessment Phase IB Implementation 20%
- Quarterly Groundwater Monitoring Implementation (OU II sites) 95%
- Draft Facility-wide Quarterly Groundwater Monitoring Work Plan 100%

**ACTIVITY/DELIVERABLE**

**PERCENTAGE COMPLETE**

- Draft Facility-wide Quarterly Groundwater Monitoring Work Plan 0%
- Hydrogeologic Conceptual Model Technical Report 100%
- Site-wide Radiological Assessment 35%



RICHARD POWELL  
LEAD REMEDIAL PROJECT MANAGER

12-15-95

DATE