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25 Sep 1995

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

To: Distribution

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

Encl: (1) August 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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RAB Member: Bay Conservation and Development Commission (Attn: Jeniffer Ruffolo)

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RAB Member: Business of Hunters Point Shipyard (Attn: Scott Madison, w/exe. summary only)

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

RAB Member: San Francisco Dept. of Public Works (Attn: Samuel Murray)

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

RAB Member: ARC Ecology (Attn: Saul Bloom)

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

RAB Member: Carol Bailey

RAB Member: Michael Harris

RAB Member: Karen Huggins

RAB Member: Wedrell James

RAB Member: Ilean McCoy

RAB Member: Willie Bell McDowell

RAB Member: Jeffrey Shaw

RAB Member: Julia Viera

RAB Member: Charlie Walker

RAB Member: Caroline Washington

RAB Member: Gwenda White

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**INSTALLATION RESTORATION PROGRAM  
MONTHLY PROGRESS REPORT**

**AUGUST 1995**

**NAVAL FACILITIES ENGINEERING COMMAND  
HUNTERS POINT ANNEX**

**1. PROGRESS DURING THE REPORT PERIOD**

The following activities were accomplished during the report period:

- **CLEAN I Field Work:** Remedial investigation activities in Parcels B and C continued. One hydropunch boring was completed in Parcel B. Two constant-rate aquifer tests were performed in Parcel C. The field work remaining for these two parcels includes cleanout of several floor vaults, three slug tests, a third round of groundwater sampling in Parcels B and C, a round of water levels facility-wide, and DNAPL pilot studies in Parcels B, C, and D. Depending on contractual factors, some of 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, work being conducted includes ongoing posting of sample locations on maps, input of the sample information and results from validated data into the chemical database, input of the boring log data into the database, and interpretation of the results.

- **CLEAN II Fieldwork:** Remaining field work in all of the parcels, which includes the remaining CTO 276 Parcels D and E fieldwork which was stopped, and the site assessment sites which are being investigated under CLEAN II continued in August. All Parcel B borings (except IR-7 and IR-18) have been completed, and Parcel D borings are expected to be completed in early September. The Parcel B slug tests and aquifer tests have been completed. In addition, all Parcel B monitoring wells under CTO 011 have been installed and the first round of groundwater sampling completed.
- The draft Parcel A Proposed Plan was distributed to the RAB and over 1,500 other Bayview/Hunters Point residents in early August. A Public Meeting regarding the Proposed Plan for Parcel A was held on August 22, 1995.
- The public summaries for the Facility-Wide Air Monitoring Phase II and the Hunters Point Ambient Level (HPAL) report have been completed and are being submitted along with their respective reports.
- 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 quality assurance project plan (QAPjP) was delivered to the agencies on July 5, 1995. The response to the comments received on this document are being prepared. The draft final QAPjP is expected to be delivered in late-September.
- The dry season sampling was conducted on May 26, 1995. Following receipt of the data and data validation, a report will be prepared with the findings. The maintenance cleaning of the storm drains was completed in the first quarter of this year. The work continues on the stormwater monitoring project for Parcel A.
- Last of the remaining 1,500 tons of sandblast grit stored at Parcel E was trucked to Orland Asphalt in Orland, California for the recycling project. A local Hunters Point trucking firm was utilized to move the sandblast grit to Orland. There is no more sandblast grit remaining at HPA to be used in the recycling project. Orland Asphalt anticipates completion of recycling the HPA grit by October, 1995. Battelle is in the process of preparing a technology transfer report for this project.
- Fallen shoreline warning signs reset.
- Completed field work described in "Filtered vs. Unfiltered Sampling" Field Variance.

## 2. REPORTS SUBMITTED AND MEETINGS

### Meetings

- The Navy, regulatory agencies, City of San Francisco, and the San Francisco Redevelopment Agency met on August 9, 1995 to discuss proposed infrastructure for HPA, and to discuss the City's subparcelization of HPA.
- On August 16, 1995, the Navy and the agencies met to discuss the details of the public meeting for the Parcel A Proposed Plan.
- On August 17, 1995, the Navy and the agencies held a teleconference regarding specific concerns of the agencies on HPALs, PCBs, and groundwater flow direction at Parcel A.
- The Navy held a public meeting regarding the Parcel A proposed plan at the Southeast Community Center on August 22, 1995.
- The Navy made a presentation on the information in the Parcel A RI/FS Report at the RAB meeting on August 23, 1995.

### Submittals

- Addendum to the Facility-Wide Groundwater Monitoring Plan was submitted August 4, 1995.

- The Draft Final Proposed Plan for Parcel A was prepared and sent to the agencies and community on August 5, 1995 for review and comment.
- BCP update was submitted on August 18, 1995 to BCT and RAB members.
- Hunters Point Ambient Level report for metals in HPA soils was submitted August 17, 1995 to the regulatory agencies and RAB members for review.

### 3. PROBLEMS ENCOUNTERED AND RESOLUTIONS / MISCELLANEOUS ISSUES

- The approach to calculating the background levels for metals in soils (HPALs) 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 was revised using the new protocols and was submitted on August 15, 1995. After review by the regulatory agencies, Dr. Frampton with DTSC had concerns with the data set used in calculating the new HPALs and with the approach used. PRC recalculated the HPALs using Dr. Frampton's recommended approach and in general, the revised HPALs results were higher. PRC is in the process of preparing a position paper summarizing PRC's findings and proposed action to be submitted to the Navy at the end of September.
- There is a possible or anticipated problem with background metals in HPA groundwater (IALs), as the agencies never approved those calculated by HLA in 1992, and have recently reiterated their concerns.
- Access to city easement for IR-18 off-site investigation delayed pending negotiation with adjacent property owner.
- Radiation investigation of IDW drums was halted due to concerns with potential mixed-waste issue with the IDW's. Approximately 40 drums have been screened for radioactivity. This work will impact the schedule for the Cesium-137 spill clean-up and the removal and disposal of potentially contaminated IDW's.
- The Navy Public Works Center (PWC) in Oakland is performing the removal action at the Pickling/Plate Yard (IR-9) project, but the approved method of water blasting the contaminated concrete (which removes 1/4-inch of concrete) has not rendered it to a non-hazardous condition. The PWC is evaluating other disposal options, but they have indicated the project completion date has been re-scheduled to December 30, 1995. Another source of delay is 125,000 gallons of liquid from the pickling tank's containment vault. It had been anticipated that this liquid was non-hazardous and could be drained into the sanitary sewer. Test results showed that the liquid must be properly disposed of as hazardous with the Navy's Defense Reutilization and Marketing Office (DRMO).
- ATSDR and California DHS representatives will be visiting HPA on September 21, 1995. The purpose of the visit is for ATSDR to determine whether they should consider conducting an exposure assessment at Candlestick Park as part of a DHS bay-wide study.

#### 4. REPORTS AND ACTIVITIES FOR SEPTEMBER 1995

##### Documents Scheduled for September 1995 Submittal

- Draft Final Parcel A RI/FS Report is scheduled to be submitted September 22, 1995.
- Draft EE/CA for Dry Dock-4 Drainage Tunnel Network.
- Draft Facility-Wide Air Monitoring Phase II Report
- Draft Final Quality Assurance Project Plan (QAPjP) for the Ecological Risk Assessment Phase 1B work plan.
- Final Field Sampling Plan (FSP) for the Phase 1B Ecological Risk Assessment work plan.
- Final Ecological Risk Assessment Phase 1B Work Plan.
- Issue bench scale testing report for Tank Farm (IR-6) soil remediation removal action.

##### Activities Planned for September 1995

- Conduct lab analysis and data validation for filtered vs. unfiltered sampling (estimated completion date - November, 1995)
- Start preparation of "Filtered vs. Unfiltered Sampling" Technical Memorandum (estimated completion date - January, 1996)
- Continue removal actions at the Pickling and Plate Yard (IR-9) Project.
- Prepare Parcel A Draft ROD.
- Continue preparation of Dry Dock 4 removal action documentation.
- Continue remedial investigation in Parcels B through E under CTOs 005 and 011. Field investigation of site assessment sites and the proposed work under CTO 276 for Parcels D and E was stopped.
- Prepare for radiation screening of NRDL sites, following acceptance of a proposed work plan to be submitted to the agencies in October, 1995.
- Prepare for the monthly BCT meeting scheduled September 14, 1995.
- Prepare for the meeting between Navy and regulatory agencies September 20, 1995 to discuss the implementation of the HPA Community Relations Plan.
- RAB meeting on September 27, 1995.
- Continued aquifer testing on selected existing wells .

- Slug testing on newly completed wells.
- Evaluate City of San Francisco proposal to revise parcel boundaries.
- Continue preparation of four FY95 removal action documents/schedules.

## 5. KEY PERSONNEL CHANGES

As the work on the RI/FS at Hunters Point Annex progresses into funding under the CLEAN II contract, new subcontractors will be involved, specifically Uribe & Associates and Levine-Fricke. The following individuals are in the remedial investigation report writing teams:

### Parcel B RI Team

Tom Shoff - team leader (PRC)  
 Ken Leonard - U&A  
 Mark Sorensen - U&A  
 Gary Thomas - U&A (available after field work ceases)  
 Beata Wells - L-F  
 Bill White - U&A (RI team leader)

### Parcel C RI Team

Barney Popkin - team leader (PRC)  
 Ken Leonard - U&A  
 Mark Sorensen - U&A  
 Gary Thomas - U&A (available after field work ceases)  
 Beata Wells - L-F  
 Bill White - U&A (RI team leader)

### Parcel D RI Team

Scott Wald - team leader (PRC)  
 Gene Barry - L-F  
 Jim Durkin - U&A  
 Kathy Terentieff - L-F  
 Bill White - U&A (RI team leader)

### Parcel E RI Team

Scott Weber - team leader (PRC)  
 Gene Barry - L-F  
 Jim Durkin - U&A  
 Kathy Terentieff - L-F  
 Bill White - U&A (RI team leader)

Overall Support Team

Fred Hetzel - U&A (chemistry support, QAPjP)  
Clare Gilmore - U&A (database support)  
Renzo Barron - U&A (CAD support)

**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 98%
- RI Lab Analysis/Data Validation 90%\*
- RI Data Management/Interpretation 85%

**RI Work at Site Assessment Sites**

- RI Sampling 2%
- 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****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 95%
- RI Lab Analysis/Data Validation 92%\*
- RI Data Management/Interpretation 90%

**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**

For Parcels D & E, percentage complete applies to HLA's CTO 276 assignments only.

**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 100%
- RI Lab Analysis/Data Validation 85%
- RI Data Management/Interpretation 70%

**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 100%
- RI Lab Analysis/Data Validation 90%\*
- RI Data Management/Interpretation 80%

**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 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 65%

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

- Implementation of Removal Action at Pickling and Plate Yard, IR-9 50%
- 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**

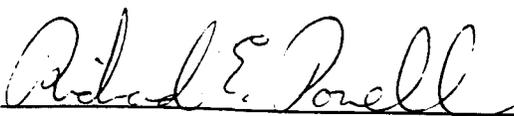
**ACTIVITY/DELIVERABLE PERCENTAGE COMPLETE**

- 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 75%
- Draft Summary Report of Sandblast Grit Recycling 0%
- Draft Final Summary Report of Sandblast Grit Recycling 0%

**Facility-wide Investigations**

- 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 1B Implementation 0%
- Quarterly Groundwater Monitoring Implementation (OU II sites) 90%
- Hydrogeologic Conceptual Model Technical Report 100%
- Site-wide Radiological Assessment 25%

\* HLA estimate of PRC task

  
 RICHARD POWELL  
 LEAD REMEDIAL PROJECT MANAGER

9-22-95  
 DATE