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

Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1997, ENGINEERING FIELD ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Encl: (1) November 1997 Monthly Progress Report (MPR)

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2. If you have any questions, please contact the undersigned at (650) 244-2655.

Original signed by: 

✓ RICHARD E. POWELL  
By direction of  
the Commanding Officer

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Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1997, ENGINEERING FIELD  
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS  
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(Attn: Mr. Alfred Williams)  
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# MONTHLY PROGRESS REPORT

NOVEMBER 1997

## NAVAL FACILITIES ENGINEERING COMMAND HUNTERS POINT SHIPYARD

### 1. PROGRESS DURING THE REPORT PERIOD

The Hunters Point Shipyard (HPS) activities described below were completed during the current report period. Those activities described as complete in the previous monthly progress report have been omitted for brevity.

#### Field Work

As discussed in previous monthly progress reports, the remedial investigation (RI) field work has been completed for all parcels, with the exception of small sampling efforts to fill those data gaps noted in the individual parcel RI reports. The document for the first of these data gap samplings is the revised Parcel B Data Gap Field Sampling and Analysis Work Plan, which incorporated revisions suggested by comments received from U.S. Environmental Protection Agency (EPA). Subsequent to EPA's initial request for written responses to their comments, additional items arose in the discussion concerning the Parcel B ROD that will be addressed by this work plan. The Navy submitted responses to those comments and issues on November 24, 1997.

The Parcel B data gap field effort has been completed except for investigations related to the B aquifer and off-site areas affected by access issues. Work was expected to begin in November. However, due to physical access issues requiring construction of a drilling pad along with rainy weather, the work has been delayed until early December.

Additional field work has begun in Parcels C and E to implement the treatability studies being conducted to support the Parcel C FS. This field work consists of soil gas sampling in areas of Parcels C and E which are suspected to have potential vinyl chloride gas and conducting pilot tests of air sparging and soil vapor extraction wells in two areas in Parcel C.

Routine waste management tasks were performed during November, primarily consisting of inspecting tank and bin locations and the decontamination pad.

#### Remedial Investigation (RI) Documents

**Remedial Investigation (RI) Reports:** The draft Final Parcel E RI report was submitted on October 27, 1997 to the regulatory agencies for review. A revised appendix discussing the Phase III radiation investigations was not included in the submittal but was submitted by November 17, 1997 for review. The review period for a draft final document such as this is 30 days; however, the members of the Base Realignment and Closure Cleanup team (BCT) have requested an additional 30-day extension on this review period, which is provided for under the Federal Facility Agreement (FFA).

**Feasibility Study (FS) Reports:** Preparation of the draft final Parcel C FS report continues. The submittal schedule for the draft final document was revised to January 30, 1998 to allow incorporation of

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the results of a treatability study which will address the issue of how to clean up solvents in the groundwater. However, due to additional sampling proposed by members of the BCT, the schedule for the treatability study was extended, and thereby impacted the schedule for the submittal of the draft final Parcel C FS. The proposed submittal date for the draft final Parcel C FS which will incorporate the results from the treatability study is now May 8, 1998.

Preparation of the draft Parcel E FS continues. The submittal of the draft Parcel E FS will be delayed until January 15, 1998 to allow for the extended review period requested by the BCT of the draft final Parcel E RI. This will allow for the consideration of issues brought up in that document in the FS.

Work on the draft Parcel F FS continues. As was discussed previously, a statistical analysis of the chemical data from the Phase 1B Ecological Risk Assessment was prepared at the request of the regulatory agencies and submitted on November 24, 1997.

**Treatability Studies (TS):** Preparation of a draft work plan for a treatability study to be conducted in Parcel C has been completed. The treatability study will evaluate the effectiveness of soil vapor extraction and air sparging technologies to clean up the groundwater in Parcel C which is contaminated with solvents, metals and petroleum hydrocarbons. Additional sampling will involve groundwater chemistry and determining if vinyl chloride gas is present in the soil in selected areas of Parcels C and E. The work plan was submitted to the BCT for review and comment on October 22, 1997. Comments were received from the EPA suggesting additional sampling and written responses were being submitted by the Navy on November 20, 1997. The field work began in late November with soil gas sampling to begin in early December. The results of the study will be incorporated into the draft final Parcel C FS.

**Proposed Plan (PP):** Preparation of the Parcel C PP will be delayed until early 1998 to reflect the change in submittal dates for the draft final Parcel C FS. The draft Parcel E PP is due on March 31, 1998, and the draft Parcel F PP is currently due on June 16, 1998.

**Record of Decision (ROD):** The draft Parcel D ROD was submitted on November 3, 1997 with a 45-day review period by the BCT; comments due on December 18, 1997.

**Remedial Design Documents:** The draft remedial design documents for Parcel B were submitted to the BCT on October 23, 1997 for review. The design documents did not include the remedial action monitoring plan which calls out the groundwater monitoring after the cleanup is expected to be submitted in early December. Preparation of the Parcel D remedial design documents was begun in November 1997.

### **Removal Actions**

.See Section 6, Deliverables Status, for a description of the current status for the Removal Actions and a document deliverable update.

## **2. MEETINGS AND REPORTS SUBMITTED**

### **Meetings in November 1997**

A meeting of the BCT/Remedial Project Managers (RPMs) was held on November 13, 1997 to discuss the general status of work at HPS.

A Restoration Advisory Board (RAB) meeting was held on November 19, 1997. This RAB meeting consisted of a discussion of the Final Parcel B ROD and on the Parcel B Remedial Design documents that are currently available for review and comment.

### **Documents Submitted in November 1997**

The documents submitted by the Navy during the report period were as follows:

- Draft Parcel B Petroleum Corrective Action plan (CAP)
- Responses to EPA's Comments on the Parcel B Data Gaps Sampling and Analysis Work Plan
- Responses to EPA's Comments on the Draft Work Plan for Parcel C Treatability Study Activities
- Draft Parcel D ROD
- Appendix E of the Draft Final Parcel E RI Report
- Parcel F Effects Range Medium (ERM) Screening Evaluation HPS
- Draft Basewide Finding of Suitability to Lease (FOSL)
- Draft FOSL for Helicopter Landing Pad near Building 606

### **3. PROBLEMS ENCOUNTERED AND RESOLUTIONS**

None.

### **4. REPORTS AND ACTIVITIES FOR DECEMBER 1997**

#### **Documents Scheduled for Submittal in December 1997**

The following documents are scheduled to be submitted in the next report period:

- Final FOSL for Building 813 and Trailer Site
- Final FOSL for Building 915 and Building
- Parcel B Remedial Action Monitoring Plan

#### **Activities Planned for December 1997**

**Removal Actions:** Continue work at IR-1/21 and IR-3. Continue preparation of construction summary reports for all removals.

**Meetings:** Attend the BCT/RPM meeting on December 2, 1997. Also attend a meeting between the Navy, BCT, and the City of San Francisco scheduled for December 2<sup>nd</sup> to discuss proposed wetlands creation at Parcel B.

**RI/FS Reports:** Continue the preparation of the Parcel E and Parcel F FS reports.

**Treatability Studies:** Continue field work for the Parcel C Treatability study activities consisting of soil gas sampling and air sparging and soil vapor extraction pilot tests.

**ROD Document:** Continue preparation of the draft final Parcel D ROD after receiving agency comments on the draft.

**BCT Activities:** Prepare for the monthly BCT/RPM meeting.

## 5. KEY PERSONNEL CHANGES

David Leland has replaced Richard Hiatt as the RPM representing the Regional Water Quality Control Board on the HPS project team.

## 6. DELIVERABLES STATUS

This listing consists of installation deliverables organized by parcel, multiparcel (or facility wide), or removal action, as applicable, and their status. Please note that as deliverables are completed, they are not included in subsequent progress reports.

### Parcel A Reports

**Final Parcel A Finding of Suitability to Transfer (FOST):** The final Parcel A FOST is on hold until the resolution of issues involving lead-based paint in Parcel A. After the resolution of this issue between the Navy and the regulatory agencies, the FOST can be finalized.

### Parcel B Reports

**Data Gaps Sampling and Analysis Work Plan for Parcel B:** The Navy submitted a formal written response to EPA's comments on the Data Gaps Sampling and Analysis work Plan on November 24, 1997.

**Draft Remedial Design for Parcel B Remedial Action:** The Draft Remedial Design (Performance Specification) was submitted on October 23, 1997. The Remedial Action Monitoring Plan portion of the remedial design which addresses the groundwater monitoring will be submitted in early December. The review period for this document will be 45 days.

### Parcel C Reports

**Draft Final Parcel C FS Report:** The schedule had been revised for the draft final document with a revised submittal date of January 30, 1998. This will allow for the incorporation of the results of treatability study which will be conducted in Parcel C to address remedial technologies for solvents in groundwater. However, as a result of additional sampling requested by EPA that resulted in the revision of the work plan, the schedule for submittal of the draft final Parcel C FS will be delayed beyond the January 30th date. The proposed submittal date which will allow for the inclusion of the results of the treatability study is May 8, 1998.

**Draft Parcel C Treatability Study Work Plan:** The draft work plan was submitted to the BCT for review and comment on October 22, 1997. Comments were received from the EPA on October 28, 1997 and responses to those comments were submitted on November 20, 1997. Additional sampling was requested in those comments and has been added to the proposed work to be conducted. The proposed date for the submittal of the technical memorandum documenting the results is April 15, 1998.

**Parcel D Reports**

**Draft Parcel D ROD:** The draft Parcel D ROD was submitted on November 3, 1997, with a 45-day review period by the regulatory agencies.

**Parcel E Reports**

**Draft Final Parcel E RI Report:** Appendix E of the draft final Parcel E RI report was submitted on November 17, 1997. The agencies have a 30-day review period for this document and have requested an additional 30-day extension until December 29, 1997 as allowed under the FFA.

**Draft Parcel E FS Report:** The revised submittal date for the Parcel E FS report is January 15, 1998 to allow for the extension of the review period for the draft final Parcel E RI.

**Parcel F Reports**

**Draft Parcel F FS Report:** The proposed submittal date for the draft Parcel F FS report is April 3, 1998. Agency review period is 45 days with comments due on May 15, 1998.

**Removal Actions**

<b>Removal Action</b>	<b>Status</b>	<b>Draft Construction Summary Report Submitted</b>	<b>Draft Final Construction Summary Report Submitted</b>
Multi-Parcel, Exploratory Excavations	Field work completed.	September 29, 1997	To be determined
IR 9 Pickling and Plate Yard Removal	Field work completed. The draft final report is undergoing review by the Navy. EPA has verbally notified the Navy that they plan to identify any concerns by the end of the year.	August 2, 1996	Estimated 45 days after receipt of Agency concerns.

IR 1/21 Groundwater Removal Action	As was previously discussed, construction at IR-1/21 was halted temporarily as a result of encountering unexpected debris which released small amounts of gas thought to be chlorine during the installation of sheet piling. Work resumed using a new alignment in November with the installation of sheet piling expected to be completed in December.	Late February 1998	Estimated 45 days after receipt of Agency comments
IR-3 Floating Product Removal Action	Construction activities consist of the construction of a small cap and placement of topsoil and seeding over the area of the former oil ponds	Late February 1998	Estimated 45 days after receipt of Agency comments
IR 50 Storm Drain Sediment Removal Action	Field work completed.	January 5, 1998	Estimated 45 days after receipt of Agency comments
IR 57 Dry Dock 4 Drainage Culverts Removal Action	Field work completed.	January 9, 1998	Estimated 45 days after receipt of Agency comments
IR-6 Tank Farm Removal Action	Field work completed.	January 5, 1997	Estimated 45 days after receipt of Agency comments

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 Lead Remedial Project Manager

12/15/97  
 Date