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17 Nov 1997

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

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

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

1. Enclosure (1) is forwarded for your information.
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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POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

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RAB Member: Hillside Homeowners (Attn: Ms. Bonnie Fraenza)  
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RAB Member: Ms. Caroline Washington  
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RAB Member: Mr. Nathaniel White III  
RAB Member: San Francisco Enterprise (Attn: Mr. Andre Williams)  
RAB Member: Mayor's Hunters Point Shipyard Citizens Advisory Committee  
(Attn: Mr. Alfred Williams)  
RAB Member: Shoreview Residents Association (Attn: Ms. Patricia Wright)  
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# MONTHLY PROGRESS REPORT

OCTOBER 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 is currently incorporating those items into their responses with an anticipated submittal in November. The Parcel B data gap field effort is expected to take approximately 4 to 6 weeks and was to begin in August. However, due to access issues in the off site portion of the work, the field work was delayed, and the work in those areas unaffected by access issues started in September. Work in the only remaining areas (the off site areas) is expected to begin in November and be complete by early December.

Routine waste management tasks were performed during October, 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 will be submitted by mid-November for review. The review period for a draft final document such as this is 30 days.

**Feasibility Study (FS) Reports:** Preparation of the draft final Parcel C FS report continues. The submittal schedule for the draft final document has been revised to January 30, 1998 to allow incorporation of 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 may be extended and thereby impact the schedule for the submittal of the draft final Parcel C FS. The additional work and schedule revisions are currently under discussion by the BCT.

Preparation of the draft Parcel E FS continues. Work on the draft Parcel F FS, which was delayed as a result of a funding shortage, has resumed with the receipt of fiscal year (FY) 1998 funds. The

Enclosure (1)

Contracting Technical Order (CTO) was awarded on 31 October 1997. As was discussed previously, a statistical analysis of the chemical data from the Phase 1B Ecological Risk Assessment is being prepared at the request of the regulatory agencies and is now expected to be submitted in November 1997.

**Treatability Studies (TS):** Preparation of a draft work plan for a treatability study to be conducted in Parcel C has been initiated. The treatability study will evaluate the effectiveness of soil vapor extraction and air sparging technologies to cleanup 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 Parcel C. 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 are being evaluated by the Navy. After resolution of these comments the field work can begin. 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 final Parcel B ROD was signed on October 9, 1997. This document formalizes the agreement between the Navy and the regulatory agencies on the cleanup for Parcel B and provides the basis for the remedial design documentation.

The draft Parcel D ROD is in preparation. Based on the signing of the final Parcel B ROD as mentioned above, the date for submittal of the draft Parcel D ROD is November 3, 1997.

**Remedial Design Documents:** The draft remedial design documents for Parcel B were submitted to the BCT on October 23, 1997 for review. Preparation of the Parcel D remedial design documents has been delayed because of a funding shortage, but is now anticipated to start in early November 1997, following receipt of FY 1998 funding and award of the design CTO on 31 October 1997.

### Removal Actions

**Exploratory Excavations:** Exploratory excavation removal activities outlined in the original scope of work were completed in February 1997. The draft construction summary report was submitted on September 29, 1997 for review by the BCT.

**Installation Restoration (IR)-1/21 Industrial Landfill Groundwater Plume:** 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. A new sheet piling alignment is being evaluated while the sheet piling installation equipment has been moved to IR-3. The equipment will move back to IR-1/21 to attempt the new alignment after completing the work at IR-3. Work should resume in early November.

**IR-3 Waste Oil Ponds:** As discussed above, the installation of the sheet piling began in late September 1997 following problems with the installation of sheet piles at IR-1/21. The installation of sheet pile at IR-3 was completed on October 31, 1997. Construction activities will move to construction of a small cap and placement of topsoil and seeding over the area of the former oil ponds. Following the completion of the work the sheet piling installation equipment will be moved back to IR-1/21. The draft construction summary report will be submitted to the BCT by December 19, 1997.

**Storm Drains:** All storm drain cleaning is now complete including the lines at Dry Dock 4. Removal of sediments from the storm drain lines has been completed throughout the site, with the exception of a few areas in Parcel E which were inaccessible due to flooding at high tide. The off site disposal of the sediments has been completed. The draft construction summary report is being prepared and will be submitted to the BCT by January 5, 1998.

**Tank Farm (IR-6):** Removal action work in the tank farm consists of excavating contaminated soil from the bermed area at the former tank farm for off-site disposal. Excavation and backfilling at the site was completed in October. The draft treatability study addressing bioremediation in preparation continues to be delayed while the Navy evaluates the effect of additional aeration on the treated soil. Following evaluation of this additional treatment, the draft treatability study will be amended by January 25, 1998. Soil characterization prior to disposal will determine the effectiveness of the bioremediation.

**Pickling and Plate Yard Removal:** Agency comments were received on October 23, 1996, and draft responses to the EPA comments were submitted to the agencies on February 10, 1997. Discussions are still ongoing between the Navy and the regulatory agencies, and the schedule for submittal of the responses will be revised following the conclusion of those discussions. Currently the draft final report is undergoing internal review by the Navy, and the EPA is planning to identify their concerns to the Navy in November.

**Dry Dock 4:** The draft construction summary report will be submitted by December 19, 1997.

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

### **Meetings in October 1997**

No meetings of the BCT RPMs were held in October. However meetings were held between the Navy and the regulatory agencies to discuss the Basewide FOSL for HPS on October 2 and 20, 1997. Additional conference calls between the Navy and the regulatory agencies were held on October 9 and 28, 1997 to discuss the draft final SSEBS/FOSL for Buildings 813 and 915 at HPS and to discuss the draft work plan for the Parcel C treatability study activities.

A Restoration Advisory Board (RAB) meeting was held on October 22, 1997. This RAB meeting consisted of a presentation on the status of the ongoing removal actions at HPS, a discussion of the Final Parcel B ROD which was signed on October 9, 1997.

### **Documents Submitted in October 1997**

The document submitted by the Navy during the report period was as follows:

- Final Parcel B ROD
- Draft Final Finding of Suitability to Lease (FOSL) for Building 813 and Trailer Lot
- Draft Final FOSL for Building 915 and Building E
- Draft Work Plan for Parcel C Treatability Study Activities
- Draft Parcel B Remedial Design Documents

- Draft Final Parcel E RI Report

### 3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

#### Petroleum-Only Sites at Hunters Point Shipyard (HPS)

As was discussed previously, field sampling for bioassays to be used in the petroleum corrective action plans (CAP) began in December 1996. Sampling efforts were conducted in three sampling events from December 1996 through May 1997, using soil and groundwater samples collected from the site and three types of bioassays. The results as previously discussed are still under evaluation and will now be presented to the San Francisco Bay Regional Water Quality Control Board in November.

### 4. REPORTS AND ACTIVITIES FOR NOVEMBER 1997

#### Documents Scheduled for Submittal in November 1997

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

- Draft Final Parcel A FOST (tentatively)
- Draft Basewide Finding of Suitability to Lease (FOSL) for HPS
- Draft FOSL for the Helicopter Landing Pad at Building 606
- Final FOSL for Building 813 and Trailer lot
- Final FOSL for Building 915 and Building E
- Draft Parcel D ROD
- Draft Parcel B CAP
- Response to EPA's Comments on the Parcel B Data Gaps Sampling and Analysis Work Plan
- Responses to EPA's Comments on the Draft Parcel C Treatability Study Work Plan
- Statistical Analysis of Chemical Data from the Phase 1B Ecological Risk Assessment

#### Activities Planned for November 1997

**Removal Actions:** Continue work at IR-1/21, IR-3, and IR-6.

**Meetings:** Attend the BCT/RPM meeting between the Navy and regulatory agencies on November 13, 1997. Attend the RAB meeting scheduled for November 19, 1997. Also attend a meeting between the Navy and the City of San Francisco scheduled for November 13th to discuss cleanup and transfer issues.

**Radiation Issues:** None.

**RI/FS Reports:** Continue the preparation of the Parcel E and Parcel F FS reports and complete the revisions to the draft Parcel E RI regarding the Phase III radiological investigation (Appendix E).

**Treatability Studies:** Continue preparation responses to EPA's comments on the Parcel C Treatability Study Work Plan.

**ROD Document:** Continue preparation of the draft Parcel D ROD.

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

## 5. KEY PERSONNEL CHANGES

None.

## 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 B Reports

**Final Parcel B ROD:** The final Parcel B ROD was signed by the FFA signatories on October 9, 1997.

**Data Gaps Sampling and Analysis Work Plan for Parcel B:** The Navy is preparing a formal written response to EPA's comments on the Data Gaps Sampling and Analysis Work Plan to document those items revised in the work plan. Additional items that have come out of the discussions on the Parcel B ROD will also be incorporated in the document which is expected to be submitted in November.

### Parcel C Reports

**Draft Final Parcel C FS Report:** As a result of a series of meetings with the BCT, the schedule has 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 may result in the revision of the work plan the schedule for submittal of the draft final Parcel C FS may be delayed beyond the January 30th date. Discussions are ongoing to revise the schedule.

**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. Additional sampling was requested in those comments and are currently being evaluated as to feasibility and schedule impact. The revised schedule will be discussed in November along with the impact to the draft final Parcel C FS which was scheduled for submittal on January 30, 1998.

### Parcel D Reports

**Draft Parcel D ROD:** The current submittal date for the draft Parcel D ROD has been revised to November 3, 1997, to allow inclusion of the those pertinent issues which were resolved in the final Parcel B ROD which was signed on October 9, 1997.

### Parcel E Reports

**Draft Parcel E RI Report:** The draft final Parcel E RI report was submitted on October 27, 1997. Those sections of the draft final RI which addressed radiation and the phase III radiation investigation were not included in this submittal and will be submitted in mid-November.

**Draft Parcel E FS Report:** The revised submittal date for the Parcel E FS report is December 15, 1997.

### Parcel F Reports

**Draft Parcel F FS Report:** The proposed submittal date for the draft Parcel F FS report is March 2, 1998. Agency review period is 45 days with comments due on April 16, 1998.

### Multiparcel/Facility-Wide Investigation Reports

None.

### Removal Actions

**Draft Final Construction Summary Report of Pickling and Plate Yard Removal Action:** The draft report was submitted to the agencies on August 2, 1996. The Navy is preparing responses to the current comments received from the regulatory agencies. As previously stated, discussions continue between the Navy and the regulatory agencies and the schedule for the submittal of the responses will be revised following the conclusion of those discussions.

**Draft Construction Summary Report of Exploratory Excavations:** The draft Construction Summary Report for the Exploratory Excavations was submitted on September 29, 1997.

**Draft Construction Summary Report of IR-1/21 Removal Action:** To be prepared following completion of this removal action. The draft construction summary report is expected to be completed by mid February 1998.

**Draft Construction Summary Report of IR-3 Removal Action:** To be prepared following completion of this removal action. The draft construction summary report is expected to be completed by mid February 1998.

**Draft Construction Summary Report of Storm Drain Sediment Removal Action:** To be prepared following completion of this removal action. The report is expected to be submitted by January 5, 1998.

**Draft Construction Summary Report of Dry Dock 4 Drainage Culverts Removal Action:** The report is expected to be submitted by December 19, 1997.

**Draft Construction Summary Report of IR-6 Tank Farm Removal Action:** To be prepared following completion of this removal action. The report is expected to be submitted by January 5, 1998.

**Draft Remedial Design for Parcel B Remedial Action:** The Draft Remedial Design (Performance Specification) was submitted on October 23, 1997. In the previous monthly progress report this document was reported as the draft final due to confusion over the review process for this design package. After discussions with the BCT, it was decided to refer to this document as the draft version.



Richard Powell  
Lead Remedial Project Manager

11-17-97

Date