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

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

Encl: (1) December 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 sent by: J T 607

RICHARD E. POWELL
By direction of
the Commanding Officer

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POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

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MONTHLY PROGRESS REPORT

DECEMBER 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 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. However, due to access issues in the off-site portion of the work and access restrictions due to rainy weather, the work has now been delayed until January.

Additional field work continues 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 December, 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. Comments were received from U.S. Environmental Protection Agency (EPA) on the draft final on December 22, 1997 and from the California EPA, Department of Toxic Substances Control (DTSC), California Regional Water Quality Control Board (RWQCB), and San Francisco Redevelopment Agency (SFRA) on December 29, 1997. The Navy has been notified verbally by DTSC and EPA that additional written comments are forthcoming. Following receipt of all the comments, the Navy will consider the most appropriate way to document any responses and finalize the RI report.

Feasibility Study (FS) Reports: Preparation of the draft final Parcel C FS report continues. The submittal date for the draft final Parcel C FS, which will incorporate the results from the Parcel C treatability study, is May 8, 1998.

Enclosure (1)

Preparation of the draft Parcel E FS continues. The submittal of the draft Parcel E FS is scheduled for January 15, 1998.

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 20, 1997. The Navy has been notified verbally by the EPA that written comments are forthcoming. The comments are not expected to require a revision to the document but would require written responses. There will be a meeting on January 22, 1998 between the Navy and the regulators to discuss the Parcel F FS.

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 field work began in late November with soil gas sampling beginning in early December. Testing of the air sparging and soil vapor extraction technology is estimated to begin in January. 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 mid-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 July 16, 1998.

Record of Decision (ROD): The draft Parcel D ROD was submitted on November 3, 1997. Comments were received from DTSC and RWQCB on December 17, 1997 and from SFRA on December 18, 1997. The Navy was notified by the EPA that they could expect their comments in early January. Following receipt of the EPA comments, the Navy will evaluate the issues raised and the estimated time to required to submit the draft final ROD.

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 (RAMP) which calls out the groundwater monitoring after the cleanup. The RAMP document was submitted on December 5, 1997. Based on the submittal of this last document the review comments are due on January 22, 1998. EPA submitted comments on the remedial design package excluding the remedial action monitoring plan on December 4, 1997 rather than waiting until the RAMP was submitted as DTSC chose to do. The Navy has begun the preparation of responses to those comments and will incorporate the additional comments as they are received to accelerate the process and allow the beginning of actual field work as soon as possible. Preparation of the Parcel D preliminary remedial design documents has begun.

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 December 1997

A meeting of the BCT/RPMs was held on December 2, 1997 to discuss the general status of work at HPS. A meeting was also held between the BCT and the SFRA to discuss the City of San Francisco's proposed wetlands construction in Parcel B on December 2, 1997. On December 18, 1997 a meeting was held between the Navy, EPA, DTSC and the SFRA to discuss the Draft Basewide Finding of Suitability to Lease (FOSL).

No Restoration Advisory Board (RAB) meeting was held on December due to the holidays.

Documents Submitted in December 1997

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

- Draft Parcel B Remedial Action Monitoring Plan (RAMP)
- Storm Drain Sediment Removal Action Draft Field Summary 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 have been evaluated and are presented to the San Francisco Bay RWQCB in the Parcel B CAP. Comments are expected from the RWQCB in January.

4. REPORTS AND ACTIVITIES FOR JANUARY 1998

Documents Scheduled for Submittal in January 1998

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 E
- Draft Final Basewide FOSL
- Draft Parcel E FS
- Draft Construction Summary Report of IR-6 Tank Farm Removal Action
- Draft Construction Summary Report of the Dry Dock 4 Drainage Culverts Removal Action
- Draft Final Remedial Design Work Plans for Parcel B

Activities Planned for January 1998

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

Meetings: Attend the BCT/RPM meeting between the Navy and regulatory agencies on January 6, 1998. Also attend a meeting between the Navy, and BCT on the status of the Parcel C treatability study fieldwork on January 8th, and a meeting between the Navy, BCT and the City of San Francisco scheduled for January 14th to discuss the draft final Basewide FOSL. There is a meeting scheduled for January 22nd between the Navy, the BCT, and other agencies to discuss the Parcel F FS. A meeting is also scheduled between the Navy, BCT and the City of San Francisco on January 27th to discuss the status of work at HPS. Prepare for the January 28th RAB meeting

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

William McAvoy the Navy RPM for Parcel B on the HPS project team has retired and is being replaced on a temporary basis by Jil Finnegan of the Navy.

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

Parcel B Remedial Design Package: The submittal of the Remedial Design Package was completed with the RAMP on December 5, 1997. The review period for this document is 45 days.

Parcel B Remedial Design Implementation Work Plan: The submittal of the implementation work plan is scheduled for February 5, 1998.

Parcel C Reports

Draft Final Parcel C FS Report: 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 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 final Parcel D ROD was to be submitted on February 3, 1998 to regulatory agencies. Due to a delay in receiving comments from all the agencies and issues raised in the comments, the Navy may extend the date to respond to comments.

Parcel E Reports

Draft Final Parcel E RI Report: Comments have been received from the regulatory agencies and the Navy has been notified that more comments are forthcoming. Following the receipt of the additional comments, the Navy will evaluate the responses and propose a submittal date for the Navy's response to comments.

Draft Parcel E FS Report: The submittal date for the Parcel E FS report is January 15, 1998. The review period for this document is 45 days.

Parcel F Reports

Draft Parcel F FS Report: The proposed submittal date for the draft Parcel F FS report is April 2, 1998. Agency review period is 45 days with comments due on May 18, 1998.

Facility Wide Reports

Draft Final Basewide FOSL: The proposed submittal date for the FOSL is January 7, 1998 with the draft final version to be submitted on January 27, 1998.

Removal Actions

Removal Action	Status	Draft Construction Summary Report Submitted	Draft Final Construction Summary Report Submitted
Multi-Parcel, Exploratory Excavations	Field work completed. Comments received from EPA on December 17, 1997 will be discussed in the BCT/RPM meeting to be held on January 6, 1998.	September 29, 1997	February 13, 1998

Removal Action	Status	Draft Construction Summary Report Submitted	Draft Final Construction Summary Report Submitted
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 will not be able to respond in writing to the previously submitted responses until January or February of 1998.	August 2, 1996	Estimated 45 days after receipt of Agency concerns.
IR 1/21 Groundwater Removal Action	The installation of sheet piling along with a majority of the work on the water collection system was completed in December. The remaining portion of the water collection system and the electrical hookup are to be completed by the end of January (unless delayed by weather). Initial testing of the system will be done in February.	March 31, 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	March 31, 1998	Estimated 45 days after receipt of Agency comments
IR 50 Storm Drain Sediment Removal Action	Field work completed. The draft construction summary report was submitted earlier than originally scheduled.	December 19, 1997	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.	February 20, 1997	Estimated 45 days after receipt of Agency comments

for Luann Petricks
Richard Powell
Lead Remedial Project Manager

January 15, 1998
Date