

5090  
Ser 62210LT/L8129  
16 Mar 1998

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

Subj: MONTHLY PROGRESS REPORT FOR FEBRUARY 1998, ENGINEERING FIELD ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Encl: (1) February 1998 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.

by:  
RICHARD E. POWELL  
Lead RPM/EIC for Hunters Point Shipyard  
By direction

Distribution:

U.S. Environmental Protection Agency (Attn: Ms. Claire Trombadore)  
U.S. Environmental Protection Agency (Attn: Ms. Sheryl Lauth)  
Roy F. Weston, Inc. (Attn: Ms. Karla Brasaemle)  
California Department of Toxic Substances Control (Attn: Mr. Dan Murphy)  
California Regional Water Quality Control Board (Attn: Mr. David Leland)  
San Francisco Deputy City Attorney (Attn: Ms. Elaine Warren)  
Department of Public Works, Site Assessment and Remediation Division  
(Attn: Mr. John Chester)  
San Francisco Dept of Public Health (Attn: Ms. Amy Brownell)  
City of San Francisco, Planning Department  
San Francisco Redevelopment Agency (Attn: Mr. Byron Rhett)  
Bay Conservation & Redevelopment Commission (Attn: Mr. Steve Goldbeck)  
National Oceanic & Atmospheric Administration (Attn: Ms. Laurie Sullivan)  
U.S. Department of the Interior (Attn: Mr. David Thornton)  
U.S. Fish & Wildlife (Attn: Mr. Jim Haas)  
Agency for Toxic Substances & Disease Registry (ATSDR) (Attn: Ms. Diane Jackson)  
California Department of Fish & Game (Attn: Ms. Susan Ellis)  
California Office of Environmental Health (Attn: Ms. Margy Gassel)  
California Department of Health Services (Emeryville) (Attn: Ms. Alyce Ujihara)  
California Department of Health Services (Sacramento) (Attn: Ms. Dierdre Dement)  
Bay Area Air Quality Management District (Attn: Ms. Catherine Fortney)  
Port of San Francisco (Attn: Ms. Roberta Jones)  
RAB Member: Ms. Bernestine Beasley  
RAB Member: Mr. Sy-Allen Browning  
RAB Member: Ms. Wendy Brumer-Kocks

5090  
Ser 62210LT/L8129  
16 Mar 1998

Subj: MONTHLY PROGRESS REPORT FOR FEBRUARY 1998, ENGINEERING FIELD  
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS  
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

RAB Member: ROSE (Attn: Mr. Charles L. Dacus, Sr.)  
RAB Member: Ms. Janet Ellis  
RAB Member: Labor Neighbor (Attn: Ms. Laurie Espinoza)  
RAB Member: Mr. Manual J. Ford  
RAB Member: Innes Avenue Coalition (Attn: Ms. Jill Fox)  
RAB Member: Hillside Homeowners (Attn: Ms. Bonnie Fraenza)  
RAB Member: ROSES (Attn: Mr. Greg Freeman)  
RAB Member: Lawyers Com. Civil Rights (Attn: Mr. Michael Harris)  
RAB Member: Forest Hill Association (Attn: Mr. James A. Heagy)  
RAB Member: Mr. David E. Jackson  
RAB Member: All Hallows Tenants Association (Attn: Ms. Helen Jackson)  
RAB Member: Third Street Task Force (Attn: Ms. Henrietta Jones)  
RAB Member: Kern Mediation Group (Attn: Mr. Douglas Kern)  
RAB Member: Mr. Anthony LaMell  
RAB Member: Mr. Hali Papazian  
RAB Member: ARC Ecology (Attn: Ms. Christine Shirley)  
RAB Member: Young Community Developers (Attn: Ms. Carol S. Tatum)  
RAB Member: Mayor's Hunters Point Shipyard Citizens Advisory Committee  
(Attn: Mr. Leon Thibeaux)  
RAB Member: All Hallows Young Ladies #182 (Attn: Ms. Erlinda B. Villa)  
RAB Member: Ms. Caroline Washington  
RAB Member: Senior Citizen Bayview (Attn: Mrs. Osceola Washington)  
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)  
RAB Member: Mr. Mark Youngkin  
Southeast Alliance for Environmental Justice  
Silk V. T. Gaudin

Copies to:

NAVSEA DET RASO (Attn: LCDR Lino Fragoso)  
San Francisco Department of Public Health (Attn: Mr. Ed Ochi)  
Tetra Tech EM Inc. (Attn: Mr. Jim Sickles)

Blind copies to:

622, 6221RP, 6222JT, 6223GC, 6228JP, 6229WR, 62210LT, 702P3  
09CMN, 7024, 60B.1, 62C HPS CSO (Eddie Sarmiento)  
Admin Records (3 Copies, w/encl)  
RF  
Chron File: L8129LT.DOC (ab)  
Activity File: HPS

## MONTHLY PROGRESS REPORT

FEBRUARY 1998

### 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. Due to continued rainy weather, the work continues to be delayed with work now planned for March.

Field work in Parcels C and E, which implemented the treatability studies being conducted to support the Parcel C FS, has been completed. This field work consisted of soil gas sampling in areas of Parcels C and E which were suspected of having potential vinyl chloride gas and conducting pilot tests of soil vapor extraction wells in two areas in Parcel C. Data from this effort will be analyzed and incorporated in a technical memorandum which will be included in the draft final Parcel C FS.

In Parcel E at IR-36, significant soil subsidence was noted around monitoring well PA-36MW05A between Buildings 413 and 414 and the decision was made by the Navy to plug and abandon the monitoring well. The fieldwork to abandon the well and repair the damaged storm drain line is expected to take place in March, depending on weather conditions.

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

##### Remedial Investigation (RI) Documents

**Remedial Investigation (RI) Reports:** As discussed previously, the Navy discussed with the BCT on February 2, 1998 the schedule for written responses to comments on the draft final Parcel E RI report and its finalization which is estimated to be completed in March. Also in that meeting, the approach for conducting validation testing for the ecological risk assessment model used in the RI was discussed since that was a significant concern expressed by the regulatory agencies in the comments. The Navy agreed to consider such validation testing and will meet with the BCT to discuss the validation workplan on March 12, 1998. This is the last RI report scheduled for HPS.

Enclosure (1)

**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.

The draft Parcel E FS was submitted on January 15, 1998. Comments are due April 1, 1998. The submission of the draft final Parcel E FS will be delayed to allow incorporation of the results of the ecological validation testing which was requested in the comments on the draft final Parcel E RI report. The amount of delay will depend on the scope of the testing proposed and will be further discussed at the March 12<sup>th</sup> meeting on the workplan for the validation testing. The submittal date for the draft final FS will be revised after this meeting in March.

Work on the draft Parcel F FS continues. The submittal date is April 3, 1998.

**Treatability Studies (TS):** The field work for the treatability study was completed in February. The initial results indicate that both soil vapor extraction and air sparging are not applicable at Buildings 272, 231 and 134 due to soil and field conditions in Parcel C. The soil gas sampling results of the study are undergoing evaluation, and preliminary indications are that the levels of soil gas encountered do not indicate any human health concerns. The results of the study will be incorporated into the draft final Parcel C FS.

**Proposed Plan (PP):** As stated in the last monthly progress report, the 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 was due on March 31, 1998; however, because of delays in the review and completion of the FS, the Parcel E PP will also be delayed. The draft Parcel F PP is currently due on July 16, 1998.

**Record of Decision (ROD):** As stated in the January monthly progress report, the draft Parcel D ROD was submitted on November 3, 1997. Due to the complexity and extent of the comments received on the draft version of this ROD, the Navy met with the EPA and the RWQCB to discuss the issues on January 29, 1998. As a result of this meeting and earlier discussions, the BCT has agreed to delay the submittal of the draft final Parcel D ROD until March 23, 1998.

**Remedial Design Documents:** The draft final revision 1 remedial design documents for Parcel B, including the remedial action monitoring plan (RAMP) which calls out the groundwater monitoring after the cleanup, will be submitted on March 23, 1998. Included in the document will be written responses to the various comments received. The implementation work plan, which is prepared by the Remedial Action Contractor (RAC), was submitted for review on January 30<sup>th</sup> with the draft final version scheduled for submittal on May 6, 1998. Preparation of the Parcel D preliminary remedial design documents continues.

### 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 February 1998**

A meeting of the BCT/RPMs was held on February 2, 1997 to discuss the general status of work at HPS. A meeting was also held between the Navy and the RWQCB to discuss the approach for the determination of petroleum cleanup levels at HPS on February 9, 1998. On February 19, 1998, a meeting was held between the Navy and the regulatory agencies to discuss the possible approach to an ecological risk assessment validation study for HPS as part of the Parcel E RI work. An additional meeting was held between the Navy and BCT on February 24, 1998 to discuss the Parcel B RAMP.

The Restoration Advisory Board (RAB) meeting was held on February 25, 1998. This RAB meeting presented an update on the Parcel B Remedial Design and an orientation for the Parcel E FS which was recently submitted for review, with additional discussion regarding the selection of a new community co-chairman.

### **Documents Submitted in February 1998**

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

- Draft Parcel B Remedial Action Implementation Workplan
- Draft Construction Summary Report of the IR-6 Tank Farm Removal Action
- Draft Final Exploratory Excavations Construction Summary Report: replacement pages and Responses to Comments.

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

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

As was discussed previously, significant issues were brought up in the comments on the draft Parcel B Petroleum Corrective Action Plan and a meeting was held between the Navy and RWQCB on February 9, 1998 to discuss possible responses. The Navy is currently reevaluating their approach on determining petroleum cleanup levels.

## **4. REPORTS AND ACTIVITIES FOR MARCH 1998**

### **Documents Scheduled for Submittal in March 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
- Final Basewide FOSL
- Draft Final Revision 1 Remedial Design Work Plans for Parcel B

- Draft Final Parcel D ROD
- Draft Final Parcel A Supplemental Soil Lead Sampling Report and Response to Comments
- Response to Comments on the Draft Final Parcel E RI Report
- Draft Parcel B Infiltration Study Report

### **Activities Planned for March 1998**

**Field Work:** Continue dry well investigation and confirmation at Buildings 606 (Hussey Street), 525 and 530 (Mahan and H Streets).

**Removal Actions:** Continue fieldwork at IR-1/21 and IR-3. Proceed with the abandonment of the monitoring well with subsidence problems in IR-36.

**Meetings:** Attend the BCT/RPM meeting between the Navy and regulatory agencies on March 10, 1998. There is also a meeting scheduled in the afternoon on that same day between the Navy, the BCT, and other agencies to discuss the Parcel B RAMP. Prepare for a conference call scheduled between the BCT and the Navy to discuss the preliminary results of the Parcel C Treatability Study on March 11, 1998. A meeting is also scheduled between the Navy and regulatory agencies to discuss the ecological risk assessment validation study on March 12th. Prepare for the March 25<sup>th</sup> RAB meeting

**RI/FS Reports:** Continue the preparation of the Parcel F FS report.

**Treatability Studies:** Continue the preparation of the technical memorandum describing the Parcel C Treatability study activities to be incorporated in the draft final Parcel C FS.

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

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

### **5. KEY PERSONNEL CHANGES**

Chein Kao, DTSC's representative on the BCT, is transferring to another state position and will be leaving the project. Until a replacement is designated, his supervisor, Daniel Murphy, will take over his responsibilities on the 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. As soon as a resolution of this issue between the Navy and the regulatory agencies is reached, the FOST can be finalized.

### Parcel B Reports

**Parcel B Remedial Design Package:** The submittal of the draft final Revision 1 Remedial Design Package including the RAMP is scheduled for March 23, 1998. The review period for this document is 30 days.

**Parcel B Remedial Design Implementation Work Plan:** The submittal of the implementation work plan was scheduled for February 5, 1998 but was delivered on January 30th. Comments are due on March 23, 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 16, 1998.

### Parcel D Reports

**Draft Final Parcel D ROD:** The draft final Parcel D ROD is scheduled to be submitted on March 23, 1998.

### Parcel E Reports

**Draft Final Parcel E RI Report:** The responses to the agency comments on the draft final Parcel E RI report are currently under review with a planned submittal in March or April.

**Draft Parcel E FS Report:** The Parcel E FS report was submitted on January 15, 1998. As was discussed in last month's monthly progress report, the end of the review period has been extended to April 1, 1998.

### 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 18, 1998.

### Facility Wide Reports

**Draft Final Basewide FOSL:** The draft final FOSL was submitted on January 7, 1998. Due to several issues raised during the review of the draft final, the submittal date for the final version will need to be revised. Discussions are currently ongoing within the Navy concerning a revised submittal date.

**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. Comments received from EPA on December 17, 1997 were discussed in the BCT/RPM meeting held on January 6, 1998.	September 29, 1997	TBD
IR-9 Pickling and Plate Yard Removal	Field work completed. The draft final CSR 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 March 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 April (unless delayed by weather). Initial testing of the system will be done in April or May 1998.	TBD	Estimated 45 days after receipt of Agency comments
IR-3 Waste Oil Reclamation Ponds Removal Action (formerly reported as Floating Product Removal)	The remaining portion of the construction activities consist of the construction of a small cap and placement of topsoil and seeding over the area of the former oil ponds. This activity has been delayed due to rainy weather	TBD	Estimated 45 days after receipt of Agency comments
IR-50 Storm Drain Sediment Removal Action	Field work completed. Comments were received from the EPA on February 17, 1998 and from the RWQCB on February 18, 1998..	December 19, 1997	Estimated 45 days after receipt of Agency comments
IR-57 Dry Dock 4 Drainage Culverts Removal Action	Field work completed.	January 8, 1998	Estimated 45 days after receipt of Agency comments
IR-6 Tank Farm Removal Action	Field work completed.	February 23, 1998	Estimated 45 days after receipt of Agency comments

*Richard Powell*

Richard Powell  
Lead Remedial Project Manager

*Mar. 17, 1998*

Date