

5090  
Ser 1832.4/L7246  
15 Aug 1997

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

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

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

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415) 244-2655.

**Original signed by:**

RICHARD E. POWELL  
By direction of  
the Commanding Officer

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RAB Member: Mr. Sy-Allen Browning

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ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS  
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

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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)  
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RAB Member: Mr. David E. Jackson  
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RAB Member: Third Street Task Force (Attn: Ms. Henrietta Jones)  
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RAB Member: Mr. Anthony LaMell  
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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

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**INSTALLATION RESTORATION PROGRAM  
MONTHLY PROGRESS REPORT**

**JULY 1997**

**NAVAL FACILITIES ENGINEERING COMMAND  
HUNTERS POINT SHIPYARD**

**1. PROGRESS DURING THE REPORT PERIOD**

The Hunters Point Shipyard (HPS) Installation Restoration (IR) Program 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**

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, the revised Parcel B Data Gap Field Sampling and Analysis Work Plan, along with responses to comments received from U.S. Environmental Protection Agency (EPA) was submitted to the BRAC Cleanup Team (BCT) on July 10, 1997. The Parcel B data gap field effort is expected to take approximately 4 to 6 weeks and to begin in August.

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

**Remedial Investigation (RI) Documents**

**Remedial Investigation (RI) Reports:** The draft Parcel E RI report was submitted on May 29, 1997 to the regulatory agencies for review. The review period for this document is 45 days ending July 14, 1997 unless the regulatory agencies request a 30 day extension, as allowed under the Federal Facilities Agreement (FFA). Due to the significant complexities of the draft Parcel E RI, the regulatory agencies have verbally requested additional time for review which extends the due date to August 18, 1997. This new schedule is currently under discussion by the BCT.

**Feasibility Study (FS) Reports:** The response to comments on the draft final Parcel D FS are undergoing final review and will be submitted to the regulatory agencies in August. Following the submittal of these final responses to comments the document will be considered finalized.

The draft Parcel C FS report was submitted on February 27, 1997. The original review period for this document was 45 days, ending on April 13, 1997. The regulatory agencies requested a 30 day extension of the review period which is available under the FFA. The review period ended on May 14, 1997. As a result of the concerns expressed by the regulatory agencies, discussions are ongoing between the Navy and agencies on how to best address the issues raised. To address the concerns and reach consensus on the final approach, a series of working meetings have been held on June 10th, July 2nd, with a third one proposed for August 12th, 1997. The submittal schedule for the draft final document will be revised by the BCT based on the results of these meetings.

Preparation of the draft Parcel E FS and the draft Parcel F FS reports continues.

**Proposed Plan (PP):** The Parcel D PP was submitted for public review on May 11, 1997 with a 30 day comment period. A public meeting was held on May 21, 1997 to solicit public input. The end of the public comment period was July 11, 1997 due to a 30 day extension request received from the public. The written comments received, along with those expressed at the public meeting, will be addressed in the responsiveness summary to be included in the draft Parcel D Record of Decision.

**Record of Decision (ROD):** A preliminary Final Parcel B ROD was submitted to the regulatory agencies on June 3, 1997. Comments were received from EPA on June 24, 1997 and from RWQCB and DTSC on June 30, 1997. Revisions were made to the document and based on discussions between the Navy and the BCT it is expected that the Draft Final Parcel B ROD will be submitted August 4, 1997 with a 30 day review period by the agencies. Within that review period a meeting of the BCT to discuss any final issues is scheduled for August 12<sup>th</sup>.

The draft Parcel D ROD is in preparation although the date for submittal to the BCT for review is still under discussion. Since some of the same issues under discussion in the Parcel B ROD will have an impact on the Parcel D ROD, the completion of that ROD will affect the submittal date to the BCT.

**Remedial Design Documents:** The remedial design documents for Parcel B have been initiated prior to the signing of the final Parcel B ROD so that funding for the remedial action can be obtained in time to meet the parcel transfer date to the City of San Francisco. The conceptual design documents consisting of the remedial design work plan; technical specifications; design drawings; construction quality control plan; air monitoring plan; confirmation sampling and analysis plan; and groundwater contingency monitoring plan comprise the remedial design documents. The draft version of these documents was submitted to the BCT on July 11<sup>th</sup> with the period of review to be determined.

### Removal Actions

**Exploratory Excavations:** Exploratory excavation removal activities outlined in the original scope of work were completed in February 1997. As was stated in the previous monthly progress report the draft construction summary report is in preparation with a estimated completion in August 1997.

**IR-1/21 Industrial Landfill Groundwater Plume:** Design plans have been finalized. Installation of the sheet piling is expected to begin in August 1997.

**IR-3 Waste Oil Ponds:** Design plans have been finalized. Installation of the sheet piling is expected to begin in August or September 1997 following the installation of sheet piles at IR-1/21.

**Storm Drains:** Work continued through the current report period. 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 tidal flooding. Currently the off site disposal of the sediments is ongoing and is expected to be complete in August. Following completion of the off site disposal, a construction summary report will be prepared and submitted to the BCT.

**Tank Farm (IR-6):** Removal action work in the tank farm consists of excavating metals and polychlorinated biphenyl-(PCB) contaminated soil from the tank farm bermed area for off-site disposal. The excavation continued through July. The draft treatability study addressing bioremediation in

preparation will 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 submitted.

**Pickling and Plate Yard Removal:** Agency comments were received on October 23, 1996; responses are currently being prepared by the Navy. 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.

**Dry Dock 4:** Removal action work at Dry Dock 4 consists of the removal of sediment from the drainage culverts beneath the floor of the dry dock. The sediment in the culverts contains used sandblast grit and metals from ship repair activities in the dry dock. The removal action proposed the excavation of the material in the culverts using the same methods as in the storm drain sediment removal. Initial evaluation indicates that due to the clay-like consistency of the sediments in the culverts, a different method from that initially proposed for removal was required. Alternative methods were evaluated and the removal by chipping and hand removal in the larger diameter culvert seems to be most effective. As the work continues the cost and effectiveness will be reevaluated to see if the removal can be successfully completed or if another approach should be considered.

### Radiation Issues

Radiation-related field activities conducted during June consisted of the waste management of six drums containing radium dials and decontamination water and IDW generated by the field work for the Phase III Radiation Investigation. The radiological IDW is still expected to be disposed of off site by Radiological Affairs Support Office's radiation subcontractor in the last quarter of 1997.

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

### Meetings in July 1997

A meeting of the BCT/RPM was held on July 8, 1997. Additional meetings were held between the Navy and the regulatory agencies to discuss the Parcel F FS on July 1, 1997, and on July 2, 1997 to discuss the Parcel C FS.

A Restoration Advisory Board (RAB) meeting was held on July 23, 1997. This RAB meeting consisted of a presentation on the remedial investigation results for IR 1/21 in Parcel E, with a site tour and a presentation on the status of the ongoing removal actions at HPS.

### Documents Submitted in July 1997

The following summarizes the documents submitted by the Navy during the report period:

- Revised Parcel B Data Gaps Sampling and Analysis Work Plan and Response to EPA's Comments
- Draft Parcel B Remedial Design Documentation Package

### 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 (CAPs) began in December 1996. Sampling efforts were conducted in three sampling events from December 1996, through May of 1997 using soil and groundwater samples collected from the site and three types of bioassays. The results are still currently being evaluated and will be presented to the RWQCB tentatively in August.

### 4. REPORTS AND ACTIVITIES FOR AUGUST 1997

#### Documents Scheduled for Submittal in August 1997

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

- Draft Final Parcel B ROD
- Draft Parcel B CAP
- Response to EPA's Comments on the Draft Final Parcel D FS

#### Activities Planned for August 1997

**Removal Actions:** Continue work at IR-1/21, IR-3, IR-6, IR-50 and on IR-57 (Dry Dock 4).

**Meetings:** Attend the meetings between the Navy and regulatory agencies to discuss the issues for the Parcel C FS report and the Parcel B ROD scheduled for August 12th, along with the BCT/RPM meeting scheduled for the same day. Attend the RAB meeting scheduled for August 27, 1997.

**Radiation Issues:** Continue the radiation-related waste management activities until RASO's contractor takes the IDW off site.

**RI/FS Reports:** Continue the preparation of the Parcel E and Parcel F FS reports and begin preparation of responses to agencies comments on Draft Parcel E RI.

**Proposed Plan:** Prepare the responsiveness summary for the Parcel D PP.

**Draft ROD Document:** Continue preparation of the Final Parcel B ROD. Continue preparation of the preliminary draft Parcel D ROD.

**BCT Activities:** Prepare for the monthly BCT/RPM meeting on August 12, 1997.

### 5. KEY PERSONNEL CHANGES

Tetra Tech EM Incorporated's (former name PRC) Risk Assessor Diana Auyeung who has worked on risk assessments for all of the parcels at HPS has left the project to return to graduate school. Her work will be taken over by Malachi Gutierrez who is currently involved with the Parcel E risk assessment.

## 6. DELIVERABLES STATUS

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

### Parcel B Reports

**Draft Final Parcel B ROD:** Submitted to the agencies on June 3, 1997 and comments were received from the EPA on June 24, 1997 and RWQCB/DTSC on June 30, 1997. The submittal of the Draft Final Parcel B ROD is targeted for early August 1997.

**Data Gaps Sampling and Analysis Work Plan for Parcel B:** The revised work plan and written responses to EPA's comments was submitted on July 10, 1997.

### Parcel C Reports

**Draft Final Parcel C FS Report:** As a result of comments received from the regulatory agencies on May 14, 1997 the approach for the FS report is under discussion. Following resolution of the concerns expressed by the agencies to be further discussed at a series of meetings ending on August 12, 1997 the schedule will be revised for the draft final document.

### Parcel D Reports

**Draft Final Parcel D FS Report:** The Navy will submit a written response to EPA's comments in August, and now considers the Parcel D FS report final.

**Parcel D Proposed Plan:** The Parcel D PP public comment period was extended 30 days and ended on July 11, 1997.

**Draft Parcel D ROD:** The current submittal date for the draft Parcel D ROD has been postponed until pertinent issues in the Parcel B ROD are resolved. Following the resolution of these issues, the schedule for the submittal of the draft Parcel D ROD will be revisited.

### Parcel E Reports

**Draft Parcel E RI Report:** The Parcel E RI report was submitted on May 29, 1997. As stated previously, the Parcel E schedule is currently under discussion with the BCT.

**Draft Parcel E FS Report:** The submittal date for THE Parcel E FS report is currently under discussion with the BCT.

### 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. Agency comments were received on October 23, 1996; responses are currently being prepared by the Navy. As previously stated, discussions are still ongoing 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:** To be prepared following completion of this removal action.

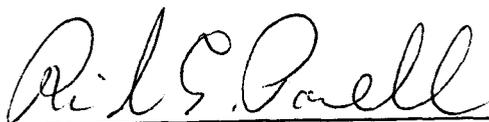
**Draft Construction Summary Report of IR-1/21 Removal Action:** To be prepared following completion of this removal action.

**Draft Construction Summary Report of IR-3 Removal Action:** To be prepared following completion of this removal action.

**Draft Construction Summary Report of Storm Drain Sediment Removal Action:** To be prepared following completion of this removal action.

**Draft Construction Summary Report of Dry Dock 4 Drainage Culverts Removal Action:** To be prepared following completion of this removal action.

**Draft Construction Summary Report of IR-6 Tank Farm Removal Action:** To be prepared following completion of this removal action.



Richard Powell  
Lead Remedial Project Manager

8-15-97

Date