

5090
Ser 62210LT/L8017
15 Oct 1997

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

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

Encl: (1) September 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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RAB Member: Mr. Sy-Alien Browning
RAB Member: Ms. Wendy Brumer-Kocks

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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: Ms. Dorothy Peterson
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

Copies to:

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MONTHLY PROGRESS REPORT

SEPTEMBER 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

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). This document was submitted to the BRAC Cleanup Team (BCT) on July 10, 1997. Subsequent to EPA's initial request for written responses to their comments, additional items have come up in the discussion concerning the Parcel B ROD that could be addressed in this work plan. So the Navy is currently incorporating those items into these responses. The Parcel B data gap field effort is expected to take approximately 4 to 6 weeks and was to begin in August. However, the work is now expected to begin in October due to access issues for the off site portion of the work.

Routine waste management tasks were performed during September, 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 and comments were received from all of the regulatory agencies by September 2, 1997. Preparation of the draft final Parcel E RI report has begun. A meeting with the BCT to discuss the comments and possible approaches to responses was held on September 17, 1997 and, based on that discussion, the revised submittal dated October 27, 1997 was accepted.

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.

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, will resume pending receipt of Fiscal Year 1998 funds. As was discussed in the previous monthly progress report 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 October 1997.

Enclosure (1)

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 is due for submittal to the BCT for review and comment on October 22, 1997. 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 out March 31, 1998 and the Draft Parcel F PP is due out June 16, 1998.

Record of Decision (ROD): Discussions between the BCT to finalize the Parcel B ROD continued in this period. Meetings were held on September 2, 16, and September 25, 1997 to continue the discussion of concerns. The currently proposed schedule for the signing of the Final Parcel B ROD is October 9, 1997.

The draft Parcel D ROD is in preparation. 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 the Parcel B ROD will affect the submittal date of the Parcel D ROD to the BCT. Based on the proposed completion of the Parcel B ROD as discussed above, the revised date for submittal of the draft Parcel D ROD is November 3, 1997.

Remedial Design Documents: Preparation of the remedial design documents for Parcel B continues. Preparation of the Parcel D remedial design documents have been delayed because of a funding shortage, but is still anticipated to start in late October 1997, pending receipt of Fiscal Year 1998 funding.

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): Installation of the sheet piling began on August 18, 1997 and approximately 350 linear feet was installed when industrial debris was encountered that resulted in a small release of gas to the surface. Those piles installed to date have ranged from 12 to 55 feet in depth and it appears that the release may be from old gas cylinders buried in the landfill at 20 to 27 feet below the ground surface. There have been a total of four small release of gases along the last 20 feet of the sheet piling wall, all of which dissipated within the 100 foot exclusion zone surrounding the work. Evaluation of the situation indicates that a realignment of the wall may avoid the problem area and still allow the installation of the wall and completion of the removal action. Currently the sheet piling installation equipment has been moved to IR-3 and will move back to IR-1/21 to attempt the new alignment after completing the work at IR-3.

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. It is expected to take approximately four weeks. Following the completion of that work the sheet piling installation equipment will be moved to 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 flooding at high tide. The off site disposal of the sediments has been completed with the exception of sediments in 6 phase separator tanks, and that disposal is expected to be complete by mid October. Following completion of the off site disposal, a construction summary report will be prepared and submitted to the BCT by January 5, 1998.

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 September. 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 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 provide their concerns to the Navy in October.

Dry Dock 4: Removal action work at Dry Dock 4 which consists of the removal of sediment from the drainage culverts beneath the floor of the dry dock has been concluded. Under this removal action the Navy was able to clean out approximately 850 linear feet of culvert on the southwest side and unable to clean the remaining 1000 linear feet of culvert on the northeast side due to lack of funds. Therefore the approach used or another will be considered as part of the final remedial action for Parcel C, while a temporary plug is installed to ensure that the remaining contaminated sediments are isolated from the environment.

Radiation Issues

Radiation-related field activities conducted during September consisted of the waste management of six drums containing radium dial, decontamination water, and investigation derived waste (IDW) generated by the field work for the Phase III Radiation Investigation. The radiological IDW was disposed of off site as scheduled by Radiological Affairs Support Office's radiation subcontractor in late September. No further activity in regards to radiological IDW is expected after this time.

2. MEETINGS AND REPORTS SUBMITTED

Meetings in September 1997

Meetings of the BCT/RPMs were held on September 2 and 30, 1997. An additional meeting was held between the Navy and the regulatory agencies to discuss the Parcel E RI on September 17, 1997. Meetings were also held between the BCT and the City of San Francisco to discuss transfer issues on September 5, and 11, 1997, with additional meetings between the Navy and the City on September 23 and 30, 1997.

A Restoration Advisory Board (RAB) meeting was held on September 24, 1997. This RAB meeting consisted of a presentation on the status of the ongoing removal actions at HPS, a brief update of the

proposed wetlands mitigation at HPS by the City of San Francisco and discussion concerning a proposed hearing in November by the San Francisco Board of Supervisors to discuss the cleanup at HPS.

Documents Submitted in September 1997

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

- Draft Construction Summary Report for the Exploratory Excavations

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 as previously discussed are under evaluation and will be presented to the RWQCB in October.

4. REPORTS AND ACTIVITIES FOR OCTOBER 1997

Documents Scheduled for Submittal in October 1997

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

- Draft Final Parcel A FOST (tentatively)
- Draft Final Finding of Suitability to Lease (FOSL) for Building 813 and Trailer Lot
- Draft Final FOSL for Building 915 and Building E
- Final Parcel B ROD
- Draft Parcel B CAP (tentative)
- Draft Final Parcel E RI
- Response to EPA's Comments on the Parcel B Data Gaps Sampling and Analysis Work Plan
- Draft Final Remedial Design for Parcel B R/A
- Draft Parcel C Treatability Study Work Plan
- Statistical Analysis of Chemical Data from the Phase 1B Ecological Risk Assessment

Activities Planned for October 1997

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

Meetings: Attend the meetings between the Navy and regulatory agencies to discuss the issues for the proposed Base wide FOSL scheduled for October 2, and 14, 1997. Attend the RAB meeting scheduled for October 22, 1997. Also attend a meeting between the Navy and the City of San Francisco scheduled for October 16th 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 continue preparation of responses to agencies comments on Draft Parcel E RI.

Treatability Studies: Continue preparation of the Parcel C Treatability Study Work Plan.

ROD Document: Continue preparation of the Final Parcel B ROD, and the draft Parcel D ROD.

BCT Activities: Prepare for any monthly BCT/RPM meeting.

5. KEY PERSONNEL CHANGES

Richard Hiett of the RWQCB has been reassigned to another group within his agency and left the HPS project as of September 18, 1997. Currently no replacement has been assigned to his position and the project team is awaiting notification of any possible replacement.

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: Based on an agreement between the members of the BCT, the revised date for the signing of the Final Parcel B ROD is October 7, 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 October.

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.

Draft Parcel C Treatability Study Work Plan: The draft work plan is scheduled for submittal to the BCT for review and comment on October 22, 1997. The field work is expected to begin in November to allow the incorporation of results in the draft final Parcel C FS which is due 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 Parcel B ROD.

Parcel E Reports

Draft Parcel E RI Report: The Parcel E RI report was submitted on May 29, 1997. The draft final Parcel E RI report submittal date is October 27, 1997.

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 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: 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. Due to unexpected difficulties during installation of the sheet pile wall, a date cannot be estimated yet for preparation of the draft construction summary report. Delays have been the result of procurement difficulties, equipment failure, material delivery delays, and encountering obstructions and gas releases during sheet pile installation.

Draft Construction Summary Report of IR-3 Removal Action: To be prepared following completion of this removal action. Delays in field installation at IR-1/21 have impacted the schedule at IR-3. A date cannot be estimated yet for preparation of the draft construction summary report.

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: To be prepared following completion of this removal action. The report is expected to be submitted by December 19, 1998.

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 Final Remedial Design for Parcel B Remedial Action: The Draft Final Remedial Design (Performance Specification) is expected to be submitted late October 1997.



Richard Powell
Lead Remedial Project Manager

10-15-97

Date