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18 Sep 1997

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

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

Encl: (1) August 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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POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

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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)
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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)
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RAB Member: Mr. Anthony LaMell
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RAB Member: Ms. Dorothy Peterson
RAB Member: ARC Ecology (Attn: Ms. Christine Shirley)
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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:

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

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**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

AUGUST 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, which incorporated revisions suggested by comments received from U.S. Environmental Protection Agency (EPA) was submitted to the BRAC Cleanup Team (BCT) on July 10, 1997. Subsequently EPA requested that their comments be responded to in writing and the Navy is currently preparing those 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 start will be delayed until September or October due to access issues for the off site portion of the work.

Routine waste management tasks were performed during August, 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 verbally requested additional time for review extending the due date to August 18, 1997. Written comments were received from EPA, Cal-EPA Department of Toxic Substances Control (DTSC), the San Francisco Regional Water Quality Control Board (RWQCB), and ARC Ecology. Written comments from the California Department of Health Services (DHS) are expected in early September. 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 is scheduled for September 17th; at that time any necessary changes to the submittal schedule will be discussed.

Feasibility Study (FS) Reports: The response to comments on the draft final Parcel D FS was submitted to the regulatory agencies on August 29, 1997. As a result of the submittal of these final responses to comments, the document is now final.

Enclosure (1)

The draft Parcel C FS report was submitted on February 27, 1997 with a review period which 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. A series of working meetings have been held on June 10th, July 2nd, and August 12th, 1997. The submittal schedule for the draft final document has been revised to January 30, 1998 based on the results of these meetings.

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 in the beginning of the new fiscal year in October 1997. Concurrently with the work on the Parcel F FS, 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 expected to be submitted in September 1997.

Proposed Plan (PP): The Parcel D PP has been completed and the 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.

Record of Decision (ROD): Discussions between the BCT to finalize the Parcel B ROD continued in this period. A meeting of the BCT is scheduled for September 2, 1997 to continue the discussion of concerns. Based on the submission of the Draft Final Parcel B ROD on August 4, 1997 the 30 day review period will end on September 8, 1997. If the ROD is not signed at that point the document will be considered by the BCT under the informal dispute resolution process as defined in the FFA, unless the BCT agrees to postpone the date to allow further discussion of the issues.

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 the Parcel B ROD will affect the submittal date of the Parcel D ROD 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 11th with the period of review still to be determined. Preparation of the Parcel D remedial design documents has been delayed because of a funding shortage, but is anticipated to start in late October 1997.

Removal Actions

Exploratory Excavations: Exploratory excavation removal activities outlined in the original scope of work were completed in February 1997. The final analytical and survey data necessary for the preparation of the draft construction summary report has been recently received and the estimated submittal to the BCT will be in mid September of 1997.

IR-1/21 Industrial Landfill Groundwater Plume: Installation of the sheet piling began on August 18, 1997 and is expected to take approximately 4 weeks. Those piles installed to date have ranged from 12 to 55 feet in depth.

IR-3 Waste Oil Ponds: Installation of the sheet piling is expected to begin in late September 1997 following the installation of sheet piles at IR-1/21. It is expected to take four weeks like the IR-1/21 work. Grading of the area for the installation of a surface cap has begun.

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 the first week of September. Approximately 390 catch basins and all of the lines have been cleaned with a total of 1200 tons of sediment removed. 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 August. 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 mid January 1998.

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.

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 it appears that the available funds will only cover a portion of the total work and may be technically impracticable in some of the culverts. Therefore another approach 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 July 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 expected to be disposed of off site by Radiological Affairs Support Office's radiation subcontractor by September 26, 1997.

2. MEETINGS AND REPORTS SUBMITTED

Meetings in August 1997

A meeting of the BCT/RPM was held on August 12, 1997. Additional meetings were held between the Navy and the regulatory agencies to discuss the Parcel B ROD on August 26, 1997, and on August 12, 1997 to discuss the Parcel C FS. A meeting was also held between the Navy and the City of San Francisco to discuss transfer issues on August 28, 1997.

A Restoration Advisory Board (RAB) meeting was held on August 27, 1997. This RAB meeting consisted of a presentation on the status of the ongoing removal actions at HPS, a discussion of a recent meeting between the Navy and City of San Francisco regarding cleanup and transfer of the property, and a discussion of the next fiscal years' budget and project priorities.

Documents Submitted in August 1997

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

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

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 under evaluation will be presented to the RWQCB tentatively in September or October.

4. REPORTS AND ACTIVITIES FOR SEPTEMBER 1997

Documents Scheduled for Submittal in September 1997

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

- Draft Final Parcel A FOST (tentatively)
- Final Parcel B ROD
- Draft Parcel B CAP (tentative)
- Response to EPA's Comments on the Parcel B Data Gaps Sampling and Analysis Work Plan
- Statistical Analysis of Chemical Data from the Phase 1B Ecological Risk Assessment

Activities Planned for September 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 E RI report scheduled for September 17th, along with the BCT/RPM meeting scheduled for the same day. Attend the RAB meeting scheduled for September 24, 1997. Also attend meetings between the Navy and the City of San Francisco scheduled for September 5th, 11th, 23rd and 30th, to discuss cleanup and transfer issues

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 continue preparation of responses to agencies comments on Draft Parcel E RI.

ROD Document: Continue preparation of the Final Parcel B ROD.

BCT Activities: Prepare for the monthly BCT/RPM meeting on August 17, 1997.

5. KEY PERSONNEL CHANGES

Tetra Tech EM Inc's (former name PRC) Project Manager and Chemist Kim Chang who has worked on all of the parcels at HPS has left the project to return to school. Her work will be taken over by Raimi Quiton, Melissa Mannion, and Sharon Tobias. Sharon Tobias and Uday Mandekar of Tetra Tech EM Inc. will be joining the project team and providing engineering support beginning with Parcel B's remedial design effort. Jon Gould, Tetra Tech EM Inc's Parcel E manager has also left. He will be replaced by Kent Morey.

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 Draft Final Parcel B ROD was submitted on August 4, 1997 with a 30 day review period ending on September 8, 1997. If the FFA signatory parties can not reach agreement on the ROD at that time an informal disputes resolution process may be necessary.

Data Gaps Sampling and Analysis Work Plan for Parcel B: In last months' progress report it was mistakenly reported that the revised work plan and written responses to EPA's comments were submitted on July 10, 1997. However the revisions suggested by EPA were included in the revised work plan but

written responses were not included as previously stated and the Navy is currently preparing a formal written response to EPA's comments.

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 discussed at a series of meetings the schedule has been revised for the draft final document with a revised submittal date of January 30, 1998.

Parcel D Reports

Draft Final Parcel D FS Report: The Navy has submitted a written response to EPA's comments on August 29, 1997, and now considers the Parcel D FS report final.

Parcel D Proposed Plan: The Parcel D PP is now complete.

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 and will be revised based on a meeting of the BCT, to be held on September 17, 1997, to discuss any potential schedule impacts that may arise out of the comments received.

Draft Parcel E FS Report: The submittal date for the Parcel E FS report is currently under discussion with the BCT but a submittal date of December 15, 1997 has been proposed.

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: Preparation of the report has begun after receiving the final analytical and survey data with an expected submittal date in September 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.



Richard Powell
Lead Remedial Project Manager

9-17-97
Date