

5090
Ser 1832.4/L7053
16 Dec 1996

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

Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1996, ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Encl: (1) November 1996 Monthly Progress Report (MPR)

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415) 244-2571.

Original signed by:

RICHARD E. POWELL
By direction of
the Commanding Officer

Distribution:

U.S. Environmental Protection Agency (Attn: Ms. Claire Trombadore)
Roy F. Weston, Inc. (Attn: Ms. Karla Brasaemle)
California Department of Toxic Substances Control (Attn: Mr. Cyrus Shabahari)
California Regional Water Quality Control Board (Attn: Mr. Richard Hiett)
San Francisco City Attorney (Attn: Mr. John Cooper)
City and County of San Francisco Dept. of Public Health, Bureau of Toxics
(Attn: Ms. Amy Brownell)
National Oceanic & Atmospheric Administration (Attn: Ms. Laurie Sullivan)
U.S. Department of the Interior (Attn: Ms. Nancy Goodson)
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 (Attn: Ms. Alyce Ujihara)
Bay Area Air Quality Management District (Attn: Ms. Catherine Fortney)
NAVBASE San Francisco (Bay Area Base Transition Coordinator, Attn: CDR Al Elkins)
Port of San Francisco (Attn: Ms. Karen Glatzel)
RAB Member: Environmental Pro-Tech Ent. (Attn: Mr. Nicholas Sheni Agbabiaka)
RAB Member: BHP Enterprise Council (Attn: Ms. Vanessa Banks)
RAB Member: Ms. Bernestine Beasley
RAB Member: Shipyard Tenants Steering Committee (Attn: Mr. Bill Billotte)
RAB Member: Mr. Sy-Allen Browning
RAB Member: Enterprise Council (Attn: Mr. Anthony Bryant)

Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1996, ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

RAB Member: Mr. Kyle Ching
RAB Member: Mr. Robert Christian
RAB Member: Hunters View Development (Attn: Mr. Percy A. Coleman)
RAB Member: UJAMAA (Attn: Ms. Therese Coleman)
RAB Member: ROSE (Attn: Mr. Charles L. Dacus, Sr.)
RAB Member: Mr. Alonzo L. Douglas
RAB Member: SAEJ (Attn: Mr. Vida Edwards)
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: Shipyard Tenants Association (Attn: Mr. Scott Madison)
RAB Member: UJAMAA (Attn: Ms. Mamie Matthews)
RAB Member: Mr. Khafra K. Omra Zeti
RAB Member: Mr. Hali Papazian
RAB Member: Ms. Dorothy Peterson
RAB Member: St. John's Mission Baptist Church (Attn: Rev. J. P. Pryor)
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: African American Truckers (Attn: Mr. Charlie Walker)
RAB Member: Senior Citizen Bayview (Attn: Mrs. Osceola Washington)
RAB Member: Ms. Caroline Washington
RAB Member: Black Leadership Forum (Attn: Ms. Gwendolyn Westbrook)
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

5090
Ser 1832.4/L7053
16 Dec 1996

Subj: MONTHLY PROGRESS REPORT FOR NOVEMBER 1996, ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Copies to:

PRC Environmental Management, Inc. (Attn: Mr. Jim Sickles)
Harding Lawson Associates (Attn: Mr. Carl Michelsen)

Blind copies to:

62.3, 1832, 1832.1, 1832.2, 1832.3, 1832.4
09CMN, 182A, 60B.1, 62C, HPS CSO (Eddie Sarmiento)
Admin Records (3 Copies, w/encl)
Chron, Green
Activity File: HPS (File: L7053LT.DOC) ab

**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

NOVEMBER 1996

**NAVAL FACILITIES ENGINEERING COMMAND
HUNTERS POINT SHIPYARD**

1. PROGRESS DURING THE REPORT PERIOD

The 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. The facility status is as follows:

Field Work:

Remedial Investigation (RI) fieldwork has been completed for Parcels B, C, D and E. Field activities completed in Parcel E since the last report are described below.

The third round of groundwater samples was collected at the new monitoring wells on schedule ending November 15, 1996.

The soil gas survey at Area of Concern (AOC)-74 (previously Site Inspection (SI)-74) was completed on November 14, 1996. This survey was previously scheduled for completion by mid-October 1996. The actual survey required one day and did not detect any soil gas samples indicative of any previous petroleum hydrocarbon releases.

As stated previously, analysis of soil samples collected in Installation Restoration (IR)-02 and IR-15 indicated dioxins and furans at low levels at the surface, none of which were detected at depth. Several additional soil samples were collected at three locations to help define the extent of contamination. Preliminary evaluation of the data indicates mostly localized contamination. Several additional samples were collected in November at one of the three sites to complete the definition of the extent of contamination. Analytical results have been received and indicate that the extent has been defined and will be further evaluated and reported in the Parcel E RI report.

In Parcel E, new groundwater monitoring wells were previously installed off-facility, adjacent to the western boundary of IR-01. The monitoring wells are expected to help define the direction of groundwater flow in the A aquifer at the Hunters Point Shipyard (HPS) boundary. The third round of groundwater samples was collected in November. Groundwater level measurements were also completed and will be included with the analytical data and reported in the Parcel E RI report.

Routine waste management tasks were performed during November, including collecting, sampling, and accumulating investigation-derived waste (IDW) in tanks and bins, and inspecting bin locations and the decontamination pad.

Enclosure (1)

Remedial Investigation (RI) Documents:

Parcel A: The Draft Final Parcel A Finding of Suitability to Transfer (FOST) along with responses to the comments received on the Draft Parcel A FOST was scheduled for submittal in November 1996. However, due to additional questions received from the City and County of San Francisco regarding lead based paint concerns in Parcel A, the submittal of the Draft Final Parcel A FOST will be submitted in January 1997.

Remedial Investigation (IR) Reports: Comments on the Draft Final Parcel D RI Report are expected in December from the Environmental Protection Agency (EPA) and will be addressed in a separate attachment. The Draft Parcel C RI report was submitted on November 29, 1996. Progress is ongoing in the preparation of the Parcel E RI report.

Feasibility Study (FS) Reports: The Final Parcel B FS was submitted on November 26, 1996. The Parcel D Draft FS was submitted to the regulatory agencies on September 26, 1996, and the Navy received comments from the regulatory agencies on November 12 and 14, 1996. Responses to these comments will be submitted to the agencies concurrent with the incorporation of the responses into the draft final report. Progress is ongoing in the preparation of the Parcel C FS report.

Proposed Plan (PP) Reports: The Navy submitted the Draft Final Parcel B PP on October 24, 1996. A public meeting was held on November 13, 1996 at which a 30-day extension of the public comment period was requested and granted. The end of the public comment period is now December 26, 1996. Preparation of the PP for Parcel D is ongoing.

Record of Decision (ROD): The Navy submitted the draft ROD for Parcel B to the regulatory agencies on October 17, 1996 and received comments on November 26, 1996. The revised Parcel B ROD is expected to be submitted in January 1997.

Removal Actions:

Exploratory Excavations: Exploratory excavation removal activities were initiated on August 8 and continued through November. The Remedial Action Contractor (RAC) contractor has completed all exploratory excavations. Excavations are being prepared for back filling with clean fill. This removal action is expected to be completed in March 1997.

IR-1/21 Industrial Landfill Groundwater Plume: A construction kickoff meeting was held between the Navy and the RAC contractor on November 19, 1996. Preliminary field testing of the area by cone penetrometer testing (CPT) and Hydropunch® groundwater sampling is continuing to evaluate the soil and groundwater conditions along the alignment proposed for the sheet piling portion of the action.

IR-3 Waste Oil Ponds: The Navy reviewed responses to the comments received from the agencies and the community on the Draft Final Engineering Evaluation/Cost Analysis (EE/CA) and draft action memorandums for IR-3. The Final Action Memorandum was completed and submitted on October 18, 1996. The Final EE/CA was included as Attachment A. A draft implementation work plan was completed on November 25, 1996.

Storm Drains: Work began during the week of September 23-27 and continued through the report period. Removal of sediments from the storm drain lines commenced on October 17, 1996 and will continue for approximately 4 months.

Tank Farm (IR-6): This work is being performed by Public Works and CH₂M Hill. The public comment period on the EE/CA for this removal action began on June 26, 1996. The Navy proposed to dig up metal and polychlorinated biphenyl (PCB) contaminated soil from the tank farm for off-site disposal. A treatability study addressing bioremediation is being conducted concurrently with the soil removal and is expected to be completed in January 1997. PRC has been tasked with modifying removal action limits to include Parcel B FS cleanup levels.

Ecological Risk Assessment Phase 1B:

The Draft Phase IB Ecological Risk Assessment Report has been divided into two Volumes: Volume I, Part 1 Nature and Extent of Contamination, Part 2 Characterization of Risk to Aquatic Receptors and Volume II, Chemistry and Toxicity Test Results. Volume I, Part 1 and Volume II were submitted September 30, 1996. Volume I, Part 2 was submitted on November 15, 1996 completing the submittal of all of the Draft Phase 1B Ecological Risk Assessment Report. An informal meeting is scheduled on December 3, 1996 to discuss the findings of this report.

Radiation Issues:

The Draft Final Phase III Radiation Investigation Field Work Plan was submitted to the regulatory agencies on October 16, 1996. Comments have been received from California (CAL)-EPA and are still pending from the United States (U.S.) EPA. Additionally, the Navy submitted to the agencies a technical memorandum that addresses the tidal area surrounding IR-02 on June 28, 1996. Written comments were received from the U.S. EPA, Department of Toxic Substances Control (DTSC), and State of California Department of Health Services (DHS.) The Navy submitted responses on November 12, 1996.

Radiation-related field activities conducted during November included weekly inspections and maintenance of drums and bins containing potentially radioactive IDW. The remaining drums and bins of IDW from IR-01 and IR-02 will be chemically characterized and disposed of by a naval subcontractor in February 1997 or March 1997. A subcontractor completed surveying and sampling drums and bins of IDW in September. The screening was completed within two weeks, and the analytical results were received in November. Initial evaluation of the data does not indicate any radioactive contamination. Following authorization for release, the IDW will be transported off-site for disposal.

As a part of the Parcel D RI field investigation, a water sample was collected from the subsurface secondary containment vault outside of Building 364 to confirm that no gamma-emitting radionuclides were above discharge criteria. Analytical results were inconclusive; therefore, seven additional samples were collected and analyzed for gross alpha and beta radioactivity along with gamma emitting radionuclides. Preliminary evaluation of the results confirms that no radionuclides above discharge criteria were detected.

Community Relations:

The Draft Final Revised Community Relations Plan (CRP) was submitted to the regulatory agencies on June 11, 1996; comments were received from DTSC on July 3, 1996. The Navy agreed to respond to DTSC's comments in mid-October, 1996; however due to the need to update the roster of new Restoration Advisory Board (RAB), the response to DTSC's comments was scheduled for submittal in late November. The document is currently scheduled for submittal in early December 1996.

2. MEETINGS AND REPORTS SUBMITTED

Meetings:

BRAC cleanup team (BCT)/remedial project manager (RPM) meetings were held on November 5, 14, and 26, 1996.

A public meeting for the Parcel B PP was held on November 13, 1996 with the RAB meeting following. As a result of length of the public meeting for the Parcel B PP, the subsequent RAB meeting was canceled. The meeting was rescheduled for December 11, 1996.

Documents Submitted in November 1996:

- Response to Comments on the Radiation Investigation of the Tidal Area Surrounding IR-02 Draft Technical Memorandum
- Draft Phase 1B Ecological Risk Assessment Report; Volume I, Part 2
- Final Parcel B Feasibility Study (revised pages)
- Draft Parcel C Remedial Investigation Report

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

Off-site Access for Remedial Investigation (RI) Work:

The Navy is still working on the resolution of access issues involved in sampling the off-site area adjacent to IR-7 and 18 in Parcel B. As was stated in Parcel B RI and PP, the contamination seen on the Navy's property appears to be part of larger contaminated area occurring on the adjacent private property as well. To adequately determine the nature and extent of this contaminated area will require sampling on this private property. In previous attempts to sample in the area the Navy has been unable to obtain access. The Navy is investigating what legal options it may have available.

Petroleum-only Sites at Hunters Point Shipyard (HPS):

The Navy has started the identification of installation restoration sites within Parcels B through E that contain (1) petroleum-only constituents (non-Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) hazardous substances) in soils; (2) petroleum constituents with CERCLA substances in soils below screening levels; (3) CERCLA substances in soils above screening levels; and (4) sites that require no further action. The purpose is to segregate petroleum-only in soil and groundwater issues from CERCLA issues for administrative purposes, and inclusion of these sites in a petroleum corrective action plan (CAP). The preparation of these CAPs for all four parcels B, D, C, and E has begun with the Parcel B CAP due in April 1997. Field sampling for bioassays is expected to begin in mid December, 1996. This work is being performed by AFA Construction.

Scope of the Basewide Remedial Investigation (RI) Report:

The current Federal Facility Agreement lists a deliverable for a Basewide RI Report to accompany the delivery of the Parcel E RI Report. The scope of the Basewide RI is not currently defined. Current

discussions concerning the Basewide RI are focusing on a Basewide ROD to address ecological issues. The draft Parcel E RI Report will be submitted prior to the final Ecological Phase 1B reports, and may result in a data gap which may have to be addressed in the Basewide RI/FS/ROD. The scope of a Basewide RI report and potential Basewide ROD are under discussion between the Navy and the BCT. The Navy submitted a proposed scope of work for the Basewide RI to the agencies on June 14, 1996. The Navy and BCT are still evaluating the need and or scope and submittal date for a Basewide RI.

4. **REPORTS AND ACTIVITIES FOR DECEMBER 1996**

Documents Scheduled for Submittal in December 1996:

- Draft Final Parcel A FOST
- Final Revised CRP

Activities Planned for December 1996:

- **Removal Actions:** Continue work at IR 1/21 and IR-6. Continue the removals at the exploratory excavations initiated in August 1996. Continue field work on the storm drain removal action started in September 1996
- **Meetings:** Attend the BCT/RPM meeting scheduled for early- to mid-December 1996. Attend the RAB meeting scheduled for December 11, 1996.
- **Radiation Issues:** Initiate the screening of Naval Radiation Defense Laboratory sites which was originally scheduled for September 1996. Continue the radiation-related waste management activities until Radiological Affairs Support Office's contractor takes the IDW off-site. Continue the preparation of any response to comments if necessary for the Draft Final Phase III Radiation Investigation Field Work Plan.
- **RI/FS Reports:** Continue the preparation of the Parcel E RI report and the Parcel C FS report.
- **Proposed Plan:** Continue the preparation of the Draft Parcel B ROD incorporating any changes to the proposed plan after the close of the extended public comment period on December 26, 1996. Continue preparation of the Parcel D PP.
- **Draft ROD Document:** Continue preparation of the Parcel B ROD after receiving comments from the regulatory agencies on the draft ROD and incorporating any comments received on the PP from the public in the attached responsiveness summary.
- **BCT Activities:** Prepare for the monthly BCT/RPM meeting.

5. **KEY PERSONNEL CHANGES**

None

6. DELIVERABLES STATUS

This listing consists of installation deliverables organized by parcel, multiparcel (or facility wide), and removal actions, and their status. Please note that as deliverables are completed, they will no longer be included in subsequent progress reports.

Parcel A Reports

- Draft Final Parcel A FOST
Status: Scheduled for submittal to the agencies following resolution of the lead based paint issue brought up by the City and County of San Francisco.

Parcel B Reports

- Final Parcel B FS Report
Status: Submitted to the agencies on November 26, 1996.

Parcel C Reports

- Draft Parcel C RI Report
Status: Submitted to agencies on November 29, 1996. Agency review period is 45 days.
- Draft Parcel C FS Report
Status: Scheduled submittal to the agencies on February 27, 1997. Agency review period is 45 days.

Parcel D Reports

- Draft Final Parcel D RI Report
Status: Submitted to the agencies on October 25, 1996. Agency comments are expected in December and will be addressed in a separate attachment.
- Draft Parcel D FS Report
Status: Submitted to the agencies on September 26, 1996. Agency comments were received on November 12 and 14, 1996. As a result of the nature of the comments an extension of the submittal of the Draft Final Feasibility Study has been requested, with a revised submittal date of January 24, 1997.
- Parcel D Proposed Plan
Status. Original scheduled submittal to the agencies on December 26, 1996. However, due to the need to coordinate the submittal of this document with the submittal of the Draft Final Parcel D FS, the Navy will be requesting and extension of the submittal date to January 15, 1997. Agency review period is 30 days.

Parcel E Reports

- Draft Radiation Investigation of the Tidal Area Surrounding the Bay Area Landfill
- (IR-02) Technical Memorandum
Status: The report was submitted to the agencies on June 20, 1996. The Navy received agency comments and submitted responses on November 26, 1996.
- Draft Parcel E RI Report
Status: Scheduled submittal to agencies on April 29, 1997. Agency review period is 45 days. Currently performing quality control of the Parcel E database and interpretation of data.

Parcel F Reports

- Draft Phase 1B Ecological Risk Assessment Report
Status: Part 2 of Volume I of the Phase 1B Ecological Risk Assessment was submitted on November 15, 1996. Volume 1 Part 1, and Volume 2 had been submitted previously to the agencies on September 30, 1996. Agency review period is 45 days and starts on November 15, 1996. The Draft Final report is submitted 45 days after receipt of agency comments.

Multiparcel/Facility-Wide Investigation Reports

- Draft Final Results of Subsurface Radiation Investigation on Parcels B and E
Status: The report was submitted to the agencies in mid July. Comments received from the EPA and responses expected to be submitted in December 1996.
- Draft Final Phase III Radiation Investigation Field Work Plan
Status: Submittal to the regulatory agencies on October 15, 1996. Discussion between the Navy and agencies will be necessary to finalize specific agency response to comments received from Cal/EPA and still awaiting comments from U.S. EPA
- Draft Final Revised Community Relations Plan
Status: Rescheduled to be delivered to the agencies in December, 1996.

Removal Actions

- Draft Construction Summary Report of Pickling and Plate Yard Removal Action
Status: The draft report was submitted to the agencies on August 2, 1996. Agency comments were received on October 23, 1996 and responses are currently being prepared by the Navy.
- Draft Construction Summary Report of Exploratory Excavations
Status: To be prepared following completion of removal action
- Draft Construction Summary Report of IR-1/21 Groundwater Removal Action
Status: To be prepared following completion of removal action

- Draft Construction Summary Report of IR-3 Floating Product Removal Action
Status: To be prepared following completion of removal action
- Draft Construction Summary Report of Storm Drain Sediment Removal Action
Status: To be prepared following completion of removal action

7. ABBREVIATIONS

Area of Concern	AOC
BRAC cleanup team	BCT
California	CAL
Community Relations Plan	CRP
Comprehensive Environmental Response, Compensation, and Liability Act of 1980	CERCLA
cone penetrometer testing	CPT
corrective action plan	CAP
Department of Toxic Substances Control	DTSC
Engineering Evaluation/Cost Analysis	EE/CA
Environmental Protection Agency	EPA
Feasibility Study	FS
Finding of Suitability to Transfer	FOST
Hunters Point Shipyard	HPS
Installation Restoration	IR
investigation-derived waste	IDW
polychlorinated biphenyl	PCB
Proposed Plan	PP
Record of Decision	ROD
Remedial Action Contractor	RAC
Remedial Investigation	RI
remedial project manager	RPM
Restoration Advisory Board	RAB
Site Inspection	SI
State of California Department of Health Services	DHS



 RICHARD POWELL
 LEAD REMEDIAL PROJECT MANAGER

12-16-96

 DATE