

5090  
Ser 62210LT/L8181  
18 ~~Mar~~ 1998  
April

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

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

Encls: (1) April 1998 Monthly Progress Report (MPR)  
(2) Schedules, Parcels A through F and Basewide

1. Enclosure (1) is forwarded for your information. In addition, enclosure (2) provides the Federal Facility Act schedules for major documents to the start of Remedial Action for the parcels at Hunters Point Shipyard.

2. If you have any questions, please contact the undersigned at (650) 244-2655.

original signed by LT

*for* RICHARD E. POWELL  
Senior 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: Ms. Valerie Heusinkveld)  
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: Ms. Wendy Brumer-Kocks

5090  
Ser 62210LT/L8181  
18 Apr 1998

Subj: MONTHLY PROGRESS REPORT FOR MARCH 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: L8181.DOC (ab)  
Activity File: HPS

# MONTHLY PROGRESS REPORT

APRIL 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

The remedial investigation (RI) fieldwork 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, infiltration study, off-site areas adjacent to IR-18 and IR-07, and the monitoring well at IR-10 proposed in the Parcel B Record of Decision (ROD). Due to extended rainy weather, the work continues to be delayed with work now planned for May.

The fieldwork to abandon monitoring well PA-36MW05A in Parcel E at IR-36 between Buildings 413 and 414 was begun in March with the abandonment of the well. Repair of an associated damaged storm drain is planned for May.

As was reported in last month's progress report, a catch basin without an apparent bottom was located by Berth 29 in the recent evaluation of possible dry wells at HPS, and will be further evaluated in the remedial action for Parcel D.

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

#### Remedial Investigation (RI) Documents

**Remedial Investigation (RI) Reports:** The completion of the final Parcel E RI report is dependent on the resolution of two items: the regulatory agencies' request for validation testing of the ecological risk assessment model, and written responses to the agencies' comments on the draft final Parcel E RI report. The first of these items is being addressed by the submittal of a draft work plan for field sampling for the validation testing on May 21, 1998. Results of the validation testing will be submitted in a separate appendix to the Parcel E RI report. For the second item, preliminary draft responses to comments on the draft final Parcel E RI report were submitted on March 10, 1998. The draft responses to comments are expected to be submitted in June 1998. The Parcel E RI is the last RI scheduled for HPS.

**Feasibility Study (FS) Reports:** Preparation of the draft final Parcel C FS report continues. The submittal date for the draft final Parcel C FS has been revised to allow for incorporation of the results of the treatability study and the review comments from the regulatory agencies on the technical

memorandum which described those results. The revised date for the draft final Parcel C FS is July 15, 1998.

The draft Parcel E FS was submitted on January 15, 1998. The period of review was extended to April 31, 1998. However, some comments are expected in May. The submittal date for the draft final Parcel E FS has been revised to accommodate the ecological validation testing. The submittal date is February 17, 1999.

The draft Parcel F FS was submitted on April 3, 1998.

**Treatability Studies (TS):** The results of the treatability study in Parcel C were documented in a technical memorandum that was submitted to the BRAC Closure team (BCT) on April 6, 1998. An additional letter documenting proposed remedial technologies for Parcel C to be considered in the FS was submitted by the Navy on April 9, 1998. These results and the technologies were then discussed by the BCT at a meeting on April 21, 1997 and written comments were submitted by the U.S. Environmental Protection Agency (EPA) on April 27, 1998. Any further issues in regards to the treatability study and a schedule for the written responses to agencies' comments will be discussed following the BCT meeting to be held on May 12, 1998.

**Proposed Plan (PP):** Submission dates for the parcel PPs have been revised due to changes in review times and delays in preparation of preceding documents. The revised submission dates for the Draft PPs are September 18, 1998 for Parcel C, May 5, 1999 for Parcel E, and October 2, 1998 for Parcel F.

**Record of Decision (ROD):** The Navy has continued discussions with the EPA, Cal EPA, Department of Toxic Substances Control (DTSC) and the Regional Water Quality Control Board (RWQCB) over Parcel D ROD issues. As a result of these discussions and concerns about some aspects of the remedial action in Parcel B, the BCT has now agreed to delay the submittal of the draft final Parcel D ROD until June 11, 1998.

**Remedial Design Documents:** The remedial design and action documents for Parcel B have overlapping submittal and review cycles due to the accelerated schedule for the cleanup. The Navy has negotiated the contract for the cleanup with the RAC and hopes to get into the field this summer. The draft final Remedial Design Documents were submitted on April 10, 1998 with comments due by May 18, 1998.

A portion of the Remedial Design documents which addresses the confirmation sampling, the Remedial Action Confirmation Sampling and Analysis Plan, has raised issues which have been discussed in a meeting on April 30, 1998 between the Navy and EPA. The EPA has stated that written comments on the sampling approach will be forthcoming in early May and will discuss the issues in a meeting scheduled for May 5, 1998 and after the BCT meeting to be held on May 12, 1998.

The draft Remedial Action Documents were submitted on January 30, 1998 and comments received from EPA on April 13, 1998 and from DTSC on April 30, 1998. The draft Parcel B Infiltration Study that documents the condition of the storm drains after the removal of sediment and evaluates the need for relining sections of the system as part of the remedial action was submitted on April 24, 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 April 1998

Meetings of the BCT/Remedial Project Managers (RPMs) were held on April 14, and April 21, 1998 to discuss the general status of work at HPS and the depth of cleanup of the remedial action at Parcel B. The underground storage tank/petroleum cleanup for the West Bay Team was discussed between the Navy and RWQCB on April 9, 1998. An additional meeting was held between the Navy and the RWQCB to discuss the approach for wetlands evaluation at Parcels B and E on April 15, 1998. Meetings to discuss the Parcel C Treatability Study and the Parcel B Remedial Action Confirmation Sampling and Analysis Plan were held with the BCT on April 21, and 30, 1998, respectively.

The Restoration Advisory Board (RAB) meeting was held on April 22, 1998. This RAB meeting presented an discussion of the Parcel F FS along with a presentation by the EPA's Technical Assistance Grant contractor on their current activities at HPS.

### Documents Submitted in April 1998

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

- Draft Parcel F FS
- Public Summary for Parcel F FS
- Parcel C Treatability Study Technical Memorandum and Letter on Proposed Parcel C Remedial Technologies
- Draft Final Revision 1 Parcel B Remedial Design Documents (Revised Cover Sheets)
- Draft Navy's Response to Agency Comments on the Draft Parcel D ROD
- Draft Parcel B Infiltration Study
- Response to Comments on Draft Site-Specific Environmental Baseline Survey (EBS) and Finding of Suitability to Lease for the Helicopter Landing Pad

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

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

Significant issues were brought up in the comments on the draft Parcel B Petroleum Corrective Action Plan. The Navy is currently reevaluating its approach on determining petroleum cleanup levels and met with the RWQCB to further discuss the issues on April 9, 1998 and plans to meet with them on May 7, 1998 to propose an approach for determining the petroleum cleanup levels.

### Depth of Remedial Action Cleanup at Parcel B

The regulatory agencies have expressed concern over the depth of cleanup agreed to in the Parcel B ROD between the Navy and EPA, DTSC and the RWQCB. Due to higher groundwater levels encountered in Parcel B, the agreement in the ROD concerning the depth of cleanup was informally disputed by the EPA. The original agreement stopped excavations if contamination continued downward, at ten feet below the surface or the water table, whichever was shallower. EPA felt that since the proposed use for the Parcel B area was mixed use, which could include residential use, a more conservative approach of excavating to ten feet below ground surface even if the water table was encountered was appropriate. At an informal disputes resolution meeting held on April 21, 1998, the Navy agreed to this depth of cleanup. To document this change in depth of cleanup, the Navy and the EPA have agreed to prepare an Explanation of Significant Differences for the Parcel B ROD.

### Wetlands Creation Evaluation at Parcels B and E

In previous monthly progress reports the issue of creation of wetlands by the City of San Francisco in Parcel B and E has been mentioned under the specific parcels. The City of San Francisco proposed tidal wetlands in Parcel B. The Navy expressed concern that the proposed wetlands may not be viable and could potentially interfere with the Navy's ground water remedy at Parcel B. The Navy met with the RWQCB, the City of San Francisco, and regulatory agencies to discuss the issues in Parcel B and E on April 15, 1998. At that meeting the RWQCB stated that a seasonal wetlands in Parcel B would be considered acceptable if a tidal wetlands was too problematic and requested an evaluation of both a tidal wetlands and/or a seasonal wetland in Parcel E. At the end of the meeting the SFRA agreed to fund the evaluation of a seasonal wetland at Parcel B and the Navy agreed to evaluate the creation of wetlands in Parcel E as part of the Parcel E FS work. In that same meeting the issue of being able to meet the Airport's mitigation requirements and the Navy's possible mitigation needs concurrently was discussed. The RWQCB stated that the overall goal of creating a large area of wetlands would be factored into any decisions by their agency regarding the ratio of wetlands mitigation that would be required of the Navy as part of the Parcel E remedial action.

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

### Documents Scheduled for Submittal in May 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
- Draft Basewide EBS Revision 1, Volumes I and II
- Draft Final FOSL for the Helicopter Landing Pad
- Draft Final Site-Specific EBS for the Helicopter Landing Pad
- Final Parcel A Supplemental Soil Lead Sampling Report
- Response to Comments on Draft Finding of Suitability to Transfer for Parcel A

### Activities Planned for May 1998

**Field Work:** Continue data gaps field work in Parcel B when weather permits and complete the repair of the damaged storm drain in IR-36 adjacent to the abandoned monitoring well.

**Removal Actions:** Continue fieldwork at IR-1/21 and IR-3.

**Meetings:** Attend the BCT/RPM meeting between the Navy and regulatory agencies on May 12, 1998. Prepare for and attend the May 7, 1998 meeting between the Navy and RWQCB on a revised approach to the Petroleum Corrective Action Plans. Prepare for additional meetings on the Parcel B remedial action confirmation sampling approach on May 5, and 12, 1998 along with a working meeting on the ecological validation testing on May 19, 1998. Prepare for the May 27 RAB meeting.

**Ongoing Work:** Continue work on various documents/studies/meetings.

### 5. KEY PERSONNEL CHANGES

Valerie Heusinkveld has been selected as the RPM representing DTSC on the HPS project team replacing Chein Kao.

### 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 the change of Parcel A boundaries to include the surrounding streets. As soon as a resolution of this issue between the Navy and the regulatory agencies is reached, the Draft Final FOST can be finalized.

#### Parcel B Reports

**Parcel B Remedial Design Package:** The draft final Revision 1 Remedial Design Documents were submitted on March 23, 1998. The review period for this document is 30 days. Additional minor modifications as requested by the agencies were submitted on April 10, 1998. The submittal date for the Final version of this document will be determined following evaluation of agencies' comments expected by May 18, 1998.

**Parcel B Remedial Design Implementation Work Plan:** The submittal of the draft final Remedial Action Documents (implementation work plan) was scheduled for June 4, 1998, but may be revised based on agencies' comments.

**Parcel B Infiltration Study:** The Parcel B infiltration study, which presents the result of the field investigation of the storm drain line that are below the groundwater table that intersect contaminant plumes, was submitted on April 24, 1998. The purpose of this study was to determine those sections that

would need to be relined to prevent migration of contaminated groundwater into the bay through the storm drain system.

#### 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, was revised to July 15, 1998.

**Draft Parcel C Treatability Study:** The technical memorandum documenting the results was submitted on April 6, 1998.

#### Parcel D Reports

**Draft Final Parcel D ROD:** The draft final Parcel D ROD was scheduled to be submitted on May 11, 1998; however, the date has been rescheduled by the BCT to June 11, 1998 to resolve various issues.

#### Parcel E Reports

**Draft Final Parcel E RI Report:** The draft responses to the agency comments on the draft final Parcel E RI report were submitted on March 10, 1998.

**Draft Parcel E Ecological Risk Assessment Model Validation Study Work Plan:** The scheduled date for the submittal of the draft work plan has been revised to May 21, 1998.

**Draft Parcel E FS Report:** The draft Parcel E FS report was submitted on January 15, 1998. The end of the review period has been extended to April 31, 1998. The submittal date for the draft final Parcel E FS has been revised to February 17, 1999.

#### Parcel F Reports

**Draft Parcel F FS Report:** The draft Parcel F FS report was submitted on 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 continue within the Navy concerning a revised submittal date.

**Removal Actions**

Removal Action	Status	Draft Construction Summary Report Submitted	Draft Final Construction Summary Report Submitted
Multi-Parcel, Exploratory Excavations	Fieldwork completed. Responses to comments received from EPA on December 17, 1997 were submitted in March. Following EPA comments concerning the responses, the draft final report will be issued.	September 29, 1997	TBD
IR-9 Pickling and Plate Yard Removal	Fieldwork 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 May 1998.	August 2, 1996	Estimated 45 days after receipt of Agency concerns.
IR-1/21 Groundwater Removal Action	Delays due to rainy weather continue. The remaining portion of the water collection system and the electrical hookup are to be completed by the end of May (unless delayed by weather). Initial testing of the system will be done in June 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 consists 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	Fieldwork completed. Comments were received from the EPA on February 17, 1998 and from the RWQCB on February 18, 1998. Draft response to comments provided to the Agencies May 12, 1998.	December 19, 1997	BCT to decide if a Draft Final report is necessary.
IR-57 Dry Dock 4 Drainage Culverts Removal Action	Fieldwork completed.	January 8, 1998	Estimated 45 days after receipt of Agency comments
IR-6 Tank Farm Removal Action	Fieldwork completed.	February 23, 1998	Estimated 45 days after receipt of Agency comments

*Richard Powell*

Richard Powell  
Lead Remedial Project Manager

5-14-98

Date

SCHEDULE: PARCELA

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft RI Report	6/30/95	--
Draft FS Report	6/30/95	--
Draft Proposed Plan (for agency review)	6/30/95	--
Draft Final RI Report*	8/30/95	--
Draft Final FS Report*	8/30/95	--
Draft Final Proposed Plan*	7/31/95	--
Final Proposed Plan Published	7/31/95	--
Start of Public Comment Period on Proposed Plan	7/31/95	--
Draft Record of Decision (ROD)+	10/2/95	--
Draft Final ROD*	11/13/95	--
Final ROD Approval	11/30/95	--

---

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, Draft remedial action, public operations plan, and commencement of the remedial action.

SCHEDULE: PARCEL B

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft RI Report	1/31/96	--
Draft Public Health and Environmental Evaluation (PHEE) Report	1/31/96	--
Draft FS Report	6/3/96	--
Draft Proposed Plan (for Agency review)	9/3/96	--
Draft Final RI Report*	6/3/96	--
Draft Final PHEE Report*	6/3/96	--
Draft Final FS Report*	9/3/96	--
Draft Final Proposed Plan* (to Agencies and Public)	10/2/96	--
Final Proposed Plan Published	10/21/96	--
Start of Public Comment Period on Proposed Plan	10/26/96	--
Draft Record of Decision (ROD)+	10/17/96	--
Draft Final ROD*	8/5/97	--
Final ROD Approval	10/9/97	--
Commence Remedial Action	Within 15 months of Final ROD approval	1/9/99

---

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, draft remedial action, public operations plan, and commencement of the remedial action.

SCHEDULE: PARCEL C

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft RI Report	11/29/96	--
Draft Public Health and Environmental Evaluation (PHEE) Report	11/29/96	--
Draft FS Report	2/27/97	--
Draft Proposed Plan (for Agency review)	65 days after submittal of Draft Final FS Report	9/18/98
Draft Final RI Report*	3/13/97	--
Draft Final PHEE Report*	3/13/97	--
Draft Final FS Report*	(May submit Chapters 1-3 earlier)	7/15/98
Draft Final Proposed Plan* (to Agencies)	30 days after submittal of the Draft Proposed Plan	10/19/98
Final Proposed Plan Published	15 days after Draft Final Proposed Plan submitted to agencies	11/3/98
Start of Public Comment Period on Proposed Plan	5 days after publication of Proposed Plan	11/9/98
Draft Record of Decision (ROD)+	12/9/98/(1/8/99)**	--
Draft Final ROD*	90 days after submittal of Draft ROD	3/9/99 (4/7/98)**
Final ROD Approval	30 days after submittal of Final ROD	4/8/99 (5/7/99)**
Commence Remedial Action	Within 15 Months of Final ROD approval	7/8/00 (8/8/00)**

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, draft remedial action, public operations plan, and commencement of the remedial action.

\*\* 30 days after start of public comment period. May be extended to 60 days if review extension for Proposed Plan requested (see revised deadline in parentheses).

SCHEDULE: PARCEL D

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft RI Report	6/28/96	--
Draft Public Health and Environmental Evaluation (PHEE) Report	6/28/96	--
Draft FS Report	9/26/96	--
Draft Proposed Plan (for Agency review)	1/15/97	--
Draft Final RI Report*	10/25/96	--
Draft Final PHEE Report*	10/25/96	--
Draft Final FS Report*	1/24/97	--
Draft Final Proposed Plan* (to Agencies)	4/21/97	--
Final Proposed Plan Published	5/6/97	--
Start of Public Comment Period on Proposed Plan	5/11/97	--
Draft Record of Decision (ROD)+	11/3/97	--
Draft Final ROD*	90 days after submittal of Draft ROD	6/11/98
Final ROD Approval	30 days after submittal of Final ROD	7/11/98
Commence Remedial Action	Within 15 months Final ROD approval	10/11/99

---

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, draft remedial action, public operations plan, and commencement of the remedial action

SCHEDULE: PARCELE

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft RI Report	5/29/97	--
Draft Public Health and Environmental Evaluation (PHEE) Report	5/29/97	--
Draft FS Report	1/15/98	--
Draft Proposed Plan (for Agency review)	75 days after submittal of Draft Final FS Report	5/5/99
Draft Final RI Report*	10/27/97	--
Draft Final PHEE Report*	10/27/97	--
Draft Final FS Report*		2/17/99#
Draft Final Proposed Plan* (to Agencies)	30 days after submittal of the Draft Proposed Plan	6/7/99
Final Proposed Plan Published	15 days after Draft Final Proposed Plan submitted to agencies	6/22/99
Start of Public Comment Period on Proposed Plan	5 days after publication of Proposed Plan	6/28/99
Draft Record of Decision (ROD)+		--
Draft Final ROD*	7/26/99 (8/26/99)**	
	90 days after submittal of Draft ROD	10/25/99 (11/25/99)**
Final ROD Approval	30 days after submittal of Final ROD	11/25/99 (12/27/99)**
Commence Remedial Action	Within 15 months of Final ROD approval	3/2/01 (3/27/01)**

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, draft remedial action, public operations plan, and commencement of the remedial action.

\*\* 30 days after start of public comment period. May be extended to 60 days if review extension for Proposed Plan requested (see revised date in parentheses).

= Deadline extended to allow incorporation of results from validation testing of the ecological risk assessment model

SCHEDULE: PARCEL F

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft Ecological Risk Assessment Phase 1B Work Plan	6/7/95	--
Draft Ecological Risk Assessment Phase 1B Report	Volume I, Part 1 - 9/30/95 Volume II, Part 1 - 9/30/96 Volume I, Part 2 - 11/15/96	--
Responses to Comments on Draft Ecological Risk Assessment Phase 1B Report	3/17/97	--
Draft FS Report*	4/3/98	--
Draft Final FS Report*	90 days after submittal of Draft FS	8/3/98##
Draft Proposed Plan (for Agency review)*	60 days after submittal of Draft Final FS Report	10/2/98
Draft Final Proposed Plan (to Agencies)	30 days after submittal of Draft Proposed Plan	11/2/98
Final Proposed Plan Published	15 days after Draft Final Proposed Plan submitted to agencies	11/17/98
Start of Public Comment Period on Proposed Plan	5 days after publication of Proposed Plan	11/23/98
Draft Record of Decision (ROD)+	12/23/98 (1/22/99)**	--
Draft Final ROD*	90 days after submittal of Draft ROD	3/23/99 (4/22/99)**
Final ROD Approval	30 days after submittal of Final ROD	4/22/99 (5/24/99)**
Commence Remedial Action	Within 15 months of Final ROD approval	7/22/00 (8/24/00)**

\* Primary document (subject to Dispute Resolution Procedures)

+ Includes responsiveness summary and schedules for draft remedial design, completion of construction, draft remedial action, public operations plan, and commencement of the remedial action.

\*\* 30 days after start of public comment period. May be extended to 60 days if review extension of Proposed Plan requested (see revised deadline in parentheses).

## Deadline extended to allow additional agency review.

SCHEDULE: BASEWIDE

<u>Document</u>	<u>Deadline</u>	<u>Estimated Dates</u>
Draft Record of Decision (ROD)	TBD by 1/29/99	--
Draft Final ROD*	TBD by 1/29/99	--
Final ROD approval	TBD by 1/29/99	--

---

\* Primary document (subject to Dispute Resolution Procedures)