

**SITE MANAGEMENT PLAN
QUARTERLY PROGRESS REPORT FOR
SEPTEMBER 16 THROUGH DECEMBER 15, 2002**

AT

**FORMER LONG BEACH NAVAL COMPLEX
LONG BEACH, CALIFORNIA**



Prepared for:

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Department of Toxic Substances Control
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Prepared by:

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January 13, 2003



DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
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5090
Ser 06CM.TM\0336
January 13, 2003

Ms. Sue Hakim
Department of Toxic Substances Control
5796 Corporate Way
Cypress, CA 90630

Dear Ms. Hakim:

Enclosed is the Site Management Plan (SMP) Quarterly Progress Report for September 16 through December 15, 2002 at the former Long Beach Naval Complex, Long Beach, California (enclosure 1). This document was prepared in accordance with the Federal Facility Site Remediation Agreement (FFSRA) and summarizes the corrective actions, removal actions, and remediation activities completed at the former Long Beach Naval Complex between September 16 and December 15, 2002.

If you have any questions or comments regarding this document, please contact Ms. Jennifer Valenzia, the SMP Project Manager, at (619) 532-0919.

Sincerely,

THOMAS L. MACCHIARELLA
BRAC Environmental Coordinator
By direction of the Commander

Encl: (1) Site Management Plan Quarterly Progress Report for September 16 through December 15, 2002 at the former Long Beach Naval Complex, Long Beach, California

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Acronyms and Abbreviations

Agreement	Cooperative Agreement between the Regional Water Quality Control Board and the Department of Navy
AOC	area of concern
BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure Act
CAP	Corrective Action Plan
DON	U.S. Department of the Navy
DTSC	California Environmental Protection Agency, Department of Toxic Substances Control
ESI	Expanded Site Inspection
FFSRA	Federal Facility Site Remediation Agreement
FS	Feasibility Study
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
IR	Installation Restoration
IAS/SVE	in-situ air sparging/soil vapor extraction
LBNC	former Long Beach Naval Complex
LTM	Long Term Monitoring
O&M	Operations and Maintenance
PP	Proposed Plan
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
RWQCB	California Regional Water Quality Control Board
SMP	Site Management Plan

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Section 1

Purpose and Scope

The Navy prepared a Site Management Plan (SMP) Annual Update dated June 15, 2002 for the former Long Beach Naval Complex (LBNC) in Long Beach, Los Angeles County, California in accordance with the July 17, 2000 Federal Facility Site Remediation Agreement (FFSRA) and the January 26, 2001 Cooperative Agreement (Agreement) between the U.S. Department of the Navy (DON) and the California Regional Water Quality Control Board (RWQCB). At the request of the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), the schedules presented in the June 15, 2002 SMP Annual Update were revised on September 16, 2002 for the Final Revision of the SMP Annual Update.

In accordance with the negotiated requirements of the FFSRA and the Agreement, the SMP serves as a scheduling and coordination tool for managing the environmental restoration activities being implemented at all active Installation Restoration (IR) sites, area of concern (AOC) sites, and compliance program sites at LBNC and is updated annually. In the interim, all milestones and deadlines for restoration and compliance activities required at LBNC pursuant to the FFSRA and the Agreement are evaluated quarterly. This document summarizes the corrective actions, removal actions, and remediation activities completed at the LBNC for the quarter September 16, 2002 through December 15, 2002. Previous updates include:

- LBNC SMP Quarterly Progress Report for June 16, 2002 through September 15, 2002 dated October 10, 2002.
- LBNC Final SMP Annual Update for June 15, 2001 through June 15, 2002, dated September 16, 2002.
- LBNC SMP Quarterly Progress Report for December 16, 2001 through March 15, 2002 dated April 10, 2002.
- LBNC SMP Quarterly Progress Report for September 16, 2001 through December 15, 2001 dated January 30, 2002.

Near term milestones (i.e., submittals and activities to be completed within the current fiscal year) are enforceable (per the FFSRA, Section 12.2). For the purposes of the SMP and this quarterly update, the current fiscal year (2003) ends September 30, 2003. Dates and activities in this schedule beyond the next fiscal year (2004) are not enforceable as site-specific circumstances may change and vary the schedule.

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Section 2

Environmental Response Actions at LBNC

The Base Realignment and Closure (BRAC) Cleanup Team (BCT) has the authority, responsibility, and accountability for environmental cleanup programs at LBNC, emphasizing those actions that facilitate reuse. During this quarter, the BCT met September 18, October 23, and November 20, 2002 to assess progress, obtain consensus on problem issues, and discuss environmental activities and programs that affect the cleanup and reuse of LBNC. Continued environmental response actions are required at 15 IR sites, one AOC site, and two compliance program sites, as well as one former housing area site in Palos Verdes. This SMP quarterly progress report presents environmental response actions at LBNC IR sites, AOCs, and compliance program sites accomplished this quarter (September 16 through December 15, 2002), problems encountered, as well as activities planned for next quarter (December 16, 2002 through March 15, 2003).

2.1 IR Sites 1 and 2

A Record of Decision (ROD) outlining a two-phase remedial action for IR Sites 1 and 2 was signed June 9, 2000. Phase I included a drum and debris removal remedial action and was accomplished between October 2000 and January 2001. The Phase I Soil Remediation Report was finalized in April 2002. Phase II began in July 2001 and consists of groundwater remediation through the installation and operation of an in-situ air sparging/soil vapor extraction (IAS/SVE) system. Phase II is scheduled for completion on May 1, 2003. Long term monitoring (LTM) will begin upon completion of the Phase II remedial action.

The Draft Third Quarterly Groundwater Monitoring Report was submitted for regulatory agency review on November 5, 2002 and comments were requested by November 25, 2002. The preparation of the Final Third Quarterly Groundwater Monitoring Report is pending receipt of regulatory comments. The fourth quarterly groundwater monitoring event was conducted in November 2002. The Navy is currently preparing the Draft Fourth Quarterly Groundwater Monitoring Report.

The Navy will prepare a Draft Operations and Monitoring (O&M) Plan, to be submitted to regulatory agencies on April 10, 2003. The O&M Plan is being prepared in response to regulatory comments.

2.2 IR Sites 3

Implementation of LTM has been underway at IR Site 3 since August 2000. Quarterly groundwater samples were collected in February 2002 and yielded concentrations consistent with previous analytical results. The Navy submitted a letter report on July 22, 2002 detailing the results of groundwater testing. The Navy requested site closure for IR Site 3 on August 1, 2002 and is currently waiting for review and concurrence from regulators.

2.3 IR Sites 4, 5 and 6A

Groundwater monitoring is complete, and institutional controls will be implemented upon finalization of all property deeds.

2.4 IR Site 7

The Draft Final Feasibility Study (FS) Report was submitted for regulatory agency review in April 2002. Comments were received in June 2002. The Navy is currently preparing a response to comment and the Final FS is scheduled for submittal in March 2003.

2.5 IR Sites 8, 10 and 11

The Navy is currently preparing the Draft Remedial Action Plan (RAP)/ROD which is scheduled for submittal in March 2003. Once the RAP/ROD is finalized, LTM will be implemented.

2.6 IR Sites 9, 12 and 13

A Technical Memorandum, assessing existing conditions at IR Site 12, AOC 1, and their respective impacts on the remedial alternatives presented in the FS, was finalized on September 26, 2002. The Navy is currently preparing the Draft Proposed Plan (PP), which is scheduled for submittal in April 2003.

2.7 IR Site 14

Monitoring of natural attenuation is currently underway at IR Site 14. Groundwater monitoring wells were installed in May 2002 and the first groundwater monitoring event occurred in early June 2002. Hydrogen Release Compound (HRC) was injected into the groundwater on July 24, 2002. The second round of groundwater monitoring was completed on August 5, 2002. Draft reports for the first and second groundwater monitoring events were submitted for regulatory agency review on September 25, 2002 and October 24, 2002, respectively. Regulatory agency comments were received in October and November 2002. The first and second round groundwater monitoring reports will be finalized in January 2003.

The third quarterly groundwater monitoring round was completed in November 2002. The draft groundwater monitoring report will be submitted to regulators in February 2003.

2.8 IR Site 16

Chromium contaminated soil and groundwater were discovered at the Building 210 Plating Shop (formerly designated as AOC PT 1) during building demolition activities that occurred in January 2001. AOC PT 1 was included in the IR Program as IR Site 16 in May 2001. Fieldwork for an expanded site inspection (ESI) was conducted in June and July 2002. The Draft IR Site 16 ESI report was submitted to regulatory agencies on October 17, 2002 and the results were discussed at the October 23, 2002 Restoration Advisory Board meeting. Comments on the Draft ESI were received from the Environmental Protection Agency and DTSC, and comments from RWQCB are expected in January 2003.

2.9 AOC Site HWF 2 (Building 314 Hazardous Waste Storage Facility)

An additional 15 cubic feet of soil was removed and confirmation samples were collected from the AOC in April 2001. The Final Closure Certification Report was completed and submitted to the regulatory agencies on September 26, 2001. DTSC prepared a letter dated February 7, 2002 indicating that the background concentration selected for the arsenic hot spot removal is higher than the established background for the LBNC; therefore, the arsenic hot spot needs to be remediated. The Navy opted to perform a health risk assessment (HRA) based on the data collected during the hot spot removal. The Draft HRA was submitted for regulatory review in May 2002. The HRA was finalized in July 2002. The Navy received a letter from DTSC approving the closure certification report for Building 314 on September 13, 2002.

2.10 Building 118 (Former Hazardous Waste Storage)

Building 118 was used for the temporary (less than one year) storage of hazardous waste under a Resource Conservation and Recovery Act (RCRA) permit between 1980 and late 1990. A Closure Plan was approved by DTSC in May 1993 and implemented in February 1994. A Phase II subsurface investigation was completed in March 1994 and subsequent screening human health and ecological risk assessments were submitted in December 1995. In January 1996, DTSC approved the human health and ecological risk assessments and concluded that residual levels of chemicals in site soil did not pose a significant risk to human or ecological receptors. Consequently, a Closure Certification Report for site soil was completed in June 1996. As part of the site closure activities, a groundwater investigation was performed in October 2000. This groundwater investigation identified elevated concentrations of hexavalent chromium in groundwater. DTSC requested (in a letter dated February 7, 2002) that additional samples be collected to determine whether contaminated soil within the vicinity of

Building 118 has contributed to hexavalent chromium in groundwater. The fieldwork was performed April 1 through 5, 2002. The Navy submitted a letter report that presented the field results and requested RCRA permit closure on May 1, 2002. A response to regulatory comments was submitted on September 11, 2002. The Navy responded to further comments from DTSC and again requested closure for Building 118 on October 10, 2002. The Navy is currently waiting for DTSC's concurrence on the closure.

2.11 Gasoline Station (Building 101)

A human HRA was completed in May 2001. Based on regulatory agency comments, the Navy collected additional data to support the Building 101 Gasoline Station site HRA. During this reporting period, the Plan of Action was finalized and the fieldwork was completed. The Risk Assessment was finalized on July 12, 2002. The Draft Corrective Action Plan (CAP) was submitted to regulators on October 11, 2002 and regulatory agency comments were received on November 10, 2002. The Draft Final CAP was prepared and submitted on November 26, 2002 and regulator comments are expected by January 24, 2003. Once the CAP is finalized, a groundwater monitoring work plan will be prepared and the groundwater monitoring wells will be installed and developed for the long term monitoring program.

2.12 Palos Verdes Sites

An Action Memo was issued in 1996 for the Palos Verdes Sites 1A, 1B, and 2 (Operable Unit 1) documenting the removal action decision to backfill, grade, landscape, monitor, and control the usage of site soils and groundwater. The removal was completed and a Closure Report was issued in April 1998. At the request of DTSC, the LTM Work Plan for groundwater monitoring at Operable Unit 1 was revised to include an administrative change and resubmitted to the regulatory agencies in August 2001. Groundwater samples are collected every other year and a Landfill Cap Inspection Report is submitted annually which includes results of a topographic survey conducted every other year.

The Final Groundwater Monitoring Report for year 2001 and the Final Landfill Cap Inspection Report for year 2001 were submitted to the agencies in June 2002. An inspection of the landfill cap and a topographic survey were conducted in December 2002. The Draft Landfill Cap Inspection Report will be submitted by January 20, 2003. The next groundwater sampling event is scheduled for October 2003.

Section 3

Schedule and Implementation Plan for LBNC

A general schedule for all future SMP activities at LBNC is provided in Figure 3-1. This Master Schedule is an estimated projection of activities and dates that are necessary to carry all the SMP sites through closeout. Near term milestones (i.e. submittals and activities to be completed within the current fiscal year) are enforceable (per the FFSRA, Section 12.2). For the purposes of this SMP, the current fiscal year (2003) ends September 30, 2003. Dates and activities in this schedule beyond fiscal year 2003 are not enforceable as site-specific circumstances may change and vary the schedule. Figure 3-2 provides a detailed schedule. As required per the FFSRA, this Detailed Schedule shows all activities, durations, start dates and finish dates for the SMP sites that will occur in the next two years (ending September 30, 2005).

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**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
3		IR SITES 1 and 2	1549 d	Jun 9 '00	Sep 4 '04							
4	✓	RAP/ROD	1 d	Jun 9 '00	Jun 9 '00							
5	✓	Remedial Design (RD)	96 d	Jun 12 '00	Sep 15 '00							
9		Remedial Action (RA)	942 d	Oct 2 '00	May 1 '03							
16		Long Term Monitoring (LTM)	485 d	Feb 3 '03	Jun 1 '04							
21		Site Closeout Summary	95 d	Jun 2 '04	Sep 4 '04							
22	☐	5-year Review	1475 d	Jun 10 '00	Jun 23 '04							
23												
24		IR SITE 3	1887 d	Jun 25 '99	Aug 23 '04							
25	✓	RAP/ROD	1 d	Jun 25 '99	Jun 25 '99							
26		Long Term Monitoring (LTM)	1463 d	Aug 22 '00	Aug 23 '04							
33		Site Closeout Summary	106 d	Feb 19 '03	Jun 4 '03							
34		5-year Review	1825 d	Jun 26 '99	Jun 23 '04							
35												

Task



Progress



Milestone

Summary



**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
36		IR SITES 4, 5, and 6A	1826 d	Jun 25 '99	Jun 23 '04							
37	☐	RAP/ROD	1 d	Jun 25 '99	Jun 25 '99							
38		5-year Review	1825 d	Jun 26 '99	Jun 23 '04							
39												
40		IR SITE 7	3052 d	Feb 14 '01	Jun 23 '09							
41	✓	Technical Memorandum No. 1	379 d	Feb 14 '01	Feb 27 '02							
47		Feasibility Study (FS)	413 d	Jan 29 '02	Mar 17 '03							
51		Proposed Plan (PP)	134 d	Mar 18 '03	Jul 29 '03							
56		RAP/ROD	183 d	Jul 30 '03	Jan 28 '04							
62	☐	Remedial Design	171 d	Jan 29 '04	Jul 17 '04							
63		Remedial Action	476 d	Jul 18 '04	Nov 5 '05							
64		Long Term Monitoring (LTM)	952 d	Nov 6 '05	Jun 14 '08							
65		Site Closeout Summary	107 d	Jun 15 '08	Sep 29 '08							
66		5-year Review	1973 d	Jan 29 '04	Jun 23 '09							
67												

Task Progress Milestone Summary

**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
68		IR SITES 8, 10, and 11	2677 d	Mar 2 '98	Jun 29 '05							
69	✓	Feasibility Study (FS)	1286 d	Mar 2 '98	Sep 7 '01							
75	✓	Proposed Plan (PP)	168 d	Aug 31 '01	Feb 14 '02							
82		RAP/ROD	501 d	Feb 15 '02	Jun 30 '03							
88		Long Term Monitoring (LTM)	730 d	Jul 1 '03	Jun 29 '05							
90		5-year Review	359 d	Jul 1 '03	Jun 23 '04							
91												
92		IR SITE 9, 12, and 13	3646 d	Jul 1 '99	Jun 23 '09							
93	✓	Feasibility Study (FS)	827 d	Jul 1 '99	Oct 4 '01							
99	✓	Technical Memorandum #1	231 d	Feb 8 '02	Sep 26 '02							
105		Proposed Plan (PP)	325 d	Sep 27 '02	Aug 17 '03							
112		RAP/ROD	148 d	Aug 18 '03	Jan 12 '04							
118		Remedial Design (RD)	148 d	Jan 13 '04	Jun 8 '04							
124		Remedial Action (RA)	365 d	Jun 9 '04	Jun 8 '05							
126		Long Term Monitoring (LTM)	1058 d	Jun 9 '05	May 1 '08							
127		5-year Review	1989 d	Jan 13 '04	Jun 23 '09							
128												
129												

Task Progress Milestone Summary

**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	Year											
					2002	2003	2004	2005	2006	2007	2008					
130	IR SITE 14	1512 d	Apr 9 '01	May 29 '05	[Gantt bar spanning from Apr 9 '01 to May 29 '05]											
131	✓ Removal Action	250 d	Apr 9 '01	Dec 14 '01	[Gantt bar spanning from Apr 9 '01 to Dec 14 '01]											
135	✓ Removal Action Report	154 d	Aug 24 '01	Jan 24 '02	[Gantt bar spanning from Aug 24 '01 to Jan 24 '02]											
139	Monitor Natural Attenuation (MNA)	914 d	May 31 '02	Nov 29 '04	[Gantt bar spanning from May 31 '02 to Nov 29 '04]											
169	Site Closeout	181 d	Nov 30 '04	May 29 '05	[Gantt bar spanning from Nov 30 '04 to May 29 '05]											
170	5-year Review	922 d	Dec 15 '01	Jun 23 '04	[Gantt bar spanning from Dec 15 '01 to Jun 23 '04]											
171																
172	IR Site 16 (Formerly AOC PT 1)	2709 d	Jan 23 '02	Jun 23 '09	[Gantt bar spanning from Jan 23 '02 to Jun 23 '09]											
173	✓ Work Plan (WP)	142 d	Jan 23 '02	Jun 13 '02	[Gantt bar spanning from Jan 23 '02 to Jun 13 '02]											
179	Expanded Site Inspection (ESI)	349 d	Jun 17 '02	May 31 '03	[Gantt bar spanning from Jun 17 '02 to May 31 '03]											
186	Action Memorandum	195 d	Jun 1 '03	Dec 12 '03	[Gantt bar spanning from Jun 1 '03 to Dec 12 '03]											
192	Long Term Operation (LTO)/Long Term Monitoring (LTM)	806 d	Dec 13 '03	Feb 25 '06	[Gantt bar spanning from Dec 13 '03 to Feb 25 '06]											
197	Site Closeout Summary	60 d	Feb 26 '06	Apr 26 '06	[Gantt bar spanning from Feb 26 '06 to Apr 26 '06]											
198	5-year Review	2020 d	Dec 13 '03	Jun 23 '09	[Gantt bar spanning from Dec 13 '03 to Jun 23 '09]											
199																

Task [Pattern] Progress [Solid] Milestone [Dashed] Summary [Solid]

**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
200	✓	AOC SITE HWF 2 (Building 314)	516 d	Apr 16 '01	Sep 13 '02	█						
201	✓	Soil Excavation	3 d	Apr 16 '01	Apr 18 '01	█						
202	✓	Closure Report	161 d	Apr 19 '01	Sep 26 '01	█						
206	✓	Human Health Risk Assesment	131 d	Mar 15 '02	Jul 23 '02	█						
210	✓	Site Closure	52 d	Jul 24 '02	Sep 13 '02	█						
211												
212		Building 118 (Former Hazardous Waste Storage Facility)	362 d	Feb 7 '02	Feb 3 '03	█						
213		Plan of Action	362 d	Feb 7 '02	Feb 3 '03	█						
224												

Task



Progress



Milestone

Summary



CDM

LBNC Site Management Plan Quarterly Progress Report
September 16 through December 15, 2002

**FIGURE 3-1
MASTER SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
225	BUILDING 101 (Gasoline Station)	1555 d	Mar 26 '01	Jun 27 '05							
226	✓ Human Health Risk Assessment	474 d	Mar 26 '01	Jul 12 '02							
238	Remedial Design	316 d	Jul 13 '02	May 24 '03							
249	Remedial Action	15 d	Mar 17 '03	Mar 31 '03							
251	Long Term Monitoring (LTM)	804 d	Apr 1 '03	Jun 12 '05							
256	Site Closure	15 d	Jun 13 '05	Jun 27 '05							
257											
258	PALOS VERDES SITES OU1 (Former Housing)	4281 d	Apr 30 '98	Jan 17 '10							
259	✓ Removal Action Closure Report	1 d	Apr 30 '98	Apr 30 '98							
260	Long Term Monitoring (LTM)	3150 d	Jun 4 '01	Jan 17 '10							
278	Site Maintenance and Institutional Control Plan (SMICP)	1443 d	Apr 30 '99	Apr 11 '03							
283	Site Maintenance and Institutional Controls	1781 d	Oct 4 '01	Aug 19 '06							
302	5-year Review	2246 d	May 1 '98	Jun 23 '04							

Task



Progress



Milestone

Summary



**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
9	IR SITES 1 and 2	1549 d	Jun 9 '00	Sep 4 '04							
10	✓ RAP/ROD	1 d	Jun 9 '00	Jun 9 '00							
11	✓ Remedial Design (RD)	96 d	Jun 12 '00	Sep 15 '00							
15	Remedial Action (RA)	942 d	Oct 2 '00	May 1 '03							
16	✓ Drum/Container and Soil Removal	467 d	Oct 2 '00	Jan 11 '02							
17	✓ Prepare Draft Phase I Soil Remediation Report	30 d	Dec 26 '01	Jan 24 '02							
18	✓ Regulatory Agency Review Period	54 d	Jan 25 '02	Mar 19 '02							
19	✓ Prepare Final Phase I Soil Remediation Report	36 d	Mar 20 '02	Apr 24 '02							
20	✓ Install IAS/SVE System	93 d	Jul 16 '01	Oct 16 '01							
21	Operate IAS/SVE System (LTO)	562 d	Oct 17 '01	May 1 '03							
22	Long Term Monitoring (LTM)	485 d	Feb 3 '03	Jun 1 '04							
23	Prepare Draft O & M Plan	67 d	Feb 3 '03	Apr 10 '03							
24	Regulatory Agency Review Period	31 d	Apr 11 '03	May 11 '03							
25	Prepare Final O & M Plan	21 d	May 12 '03	Jun 1 '03							
26	LTM Implementation (post system groundwater monitoring)	366 d	Jun 2 '03	Jun 1 '04							
27	Site Closeout Summary	95 d	Jun 2 '04	Sep 4 '04							
28	5-year Review	1475 d	Jun 10 '00	Jun 23 '04							
29											

Task



Progress



Milestone

Summary



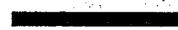
**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
30		IR SITE 3	1887 d	Jun 25 '99	Aug 23 '04							
31	✓	RAP/ROD	1 d	Jun 25 '99	Jun 25 '99							
32		Long Term Monitoring (LTM)	1463 d	Aug 22 '00	Aug 23 '04							
33	☐	LTM Implementation	1463 d	Aug 22 '00	Aug 23 '04							
34	✓	Prepare 5th Quarterly GW Monitoring Letter Report	60 d	Nov 16 '01	Jan 14 '02							
35	✓	Prepare 6th Quarterly GW Monitoring Letter Report	44 d	Feb 18 '02	Apr 2 '02							
36	✓	Prepare 7th Quarterly GW Monitoring Letter Report	54 d	May 30 '02	Jul 22 '02							
37	✓	Request No Further Action	1 d	Aug 1 '02	Aug 1 '02							
38	☐	Regulatory Agency Review	156 d	Sep 16 '02	Feb 18 '03							
39		Site Closeout Summary	106 d	Feb 19 '03	Jun 4 '03							
40		5-year Review	1825 d	Jun 26 '99	Jun 23 '04							
41												
42		IR SITES 4, 5, and 6A	1826 d	Jun 25 '99	Jun 23 '04							
43	☐	RAP/ROD	1 d	Jun 25 '99	Jun 25 '99							
44		5-year Review	1825 d	Jun 26 '99	Jun 23 '04							
45												

Task



Progress



Milestone

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CDM

LBNC Site Management Plan Quarterly Progress Report
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3-10

January 2003
Revision 0

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
46		IR SITE 7	3052 d	Feb 14 '01	Jun 23 '09							
47	✓	Technical Memorandum No. 1	379 d	Feb 14 '01	Feb 27 '02							
53		Feasibility Study (FS)	413 d	Jan 29 '02	Mar 17 '03							
54	✓	Prepare Draft Final FS	84 d	Jan 29 '02	Apr 22 '02							
55	✓	Regulatory Agency Review Period	53 d	Apr 23 '02	Jun 14 '02							
56		Prepare Final FS	276 d	Jun 15 '02	Mar 17 '03							
57		Proposed Plan (PP)	134 d	Mar 18 '03	Jul 29 '03							
58	☐	Prepare Draft PP	44 d	Mar 18 '03	Apr 30 '03							
59	☐	Regulatory Agency Review Period	30 d	May 1 '03	May 30 '03							
60	☐	Prepare Final PP	30 d	May 31 '03	Jun 29 '03							
61	☐	Public Meeting & Public Review Period	30 d	Jun 30 '03	Jul 29 '03							
62		RAP/ROD	183 d	Jul 30 '03	Jan 28 '04							
63	☐	Prepare Draft RAP/ROD	45 d	Jul 30 '03	Sep 12 '03							
64	☐	Regulatory Agency Review Period	46 d	Sep 13 '03	Oct 28 '03							
65	☐	Prepare Draft Final RAP/ROD	32 d	Oct 29 '03	Nov 29 '03							
66	☐	Regulatory Agency Review Period	30 d	Nov 30 '03	Dec 29 '03							
67	☐	Prepare Final RAP/ROD	30 d	Dec 30 '03	Jan 28 '04							
68	☐	Remedial Design	171 d	Jan 29 '04	Jul 17 '04							
69		Remedial Action	476 d	Jul 18 '04	Nov 5 '05							
70		Long Term Monitoring (LTM)	952 d	Nov 6 '05	Jun 14 '08							
71		Site Closeout Summary	107 d	Jun 15 '08	Sep 29 '08							
72		5-year Review	1973 d	Jan 29 '04	Jun 23 '09							

Task Progress Milestone Summary

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
73	IR SITES 8, 10, and 11	2677 d	Mar 2 '98	Jun 29 '05							
74	✓ Feasibility Study (FS)	1286 d	Mar 2 '98	Sep 7 '01							
80	✓ Proposed Plan (PP)	168 d	Aug 31 '01	Feb 14 '02							
87	RAP/ROD	501 d	Feb 15 '02	Jun 30 '03							
88	Prepare Draft RAP/ROD	396 d	Feb 15 '02	Mar 17 '03							
89	Regulatory Agency Review Period	30 d	Mar 18 '03	Apr 16 '03							
90	Prepare Draft Final RAP/ROD	30 d	Apr 17 '03	May 16 '03							
91	Regulatory Agency Review Period	15 d	May 17 '03	May 31 '03							
92	Prepare Final RAP/ROD	30 d	Jun 1 '03	Jun 30 '03							
93	Long Term Monitoring (LTM)	730 d	Jul 1 '03	Jun 29 '05							
94	LTM Implementation	730 d	Jul 1 '03	Jun 29 '05							
95	5-year Review	359 d	Jul 1 '03	Jun 23 '04							

Task Progress Milestone Summary

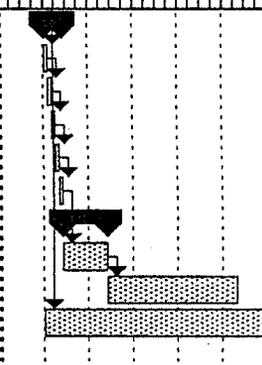
**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
96	IR SITE 9, 12, and 13	3646 d	Jul 1 '99	Jun 23 '09							
97	✓ Feasibility Study (FS)	827 d	Jul 1 '99	Oct 4 '01							
103	✓ Technical Memorandum #1	231 d	Feb 8 '02	Sep 26 '02							
104	✓ Prepare Draft Tech Memo	102 d	Feb 8 '02	May 20 '02							
105	✓ Regulatory Agency Review Period	32 d	May 21 '02	Jun 21 '02							
106	✓ Prepare Draft Final Tech Memo	34 d	Jun 22 '02	Jul 25 '02							
107	✓ Regulatory Agency Review Period	15 d	Jul 26 '02	Aug 9 '02							
108	✓ Prepare Final Tech Memo	48 d	Aug 10 '02	Sep 26 '02							
109	Proposed Plan (PP)	325 d	Sep 27 '02	Aug 17 '03							
110	Prepare Draft PP	201 d	Sep 27 '02	Apr 15 '03							
111	Regulatory Agency Review Period	29 d	Apr 16 '03	May 14 '03							
112	Prepare Draft Final PP	30 d	May 15 '03	Jun 13 '03							
113	Regulatory Agency Review Period	15 d	Jun 14 '03	Jun 28 '03							
114	Prepare Final PP	21 d	Jun 29 '03	Jul 19 '03							
115	Public Meeting & Public Review Period	29 d	Jul 20 '03	Aug 17 '03							
116	RAP/ROD	148 d	Aug 18 '03	Jan 12 '04							
117	Prepare Draft RAP/ROD	29 d	Aug 18 '03	Sep 15 '03							
118	Regulatory Agency Review Period	30 d	Sep 16 '03	Oct 15 '03							
119	Prepare Draft Final RAP/ROD	29 d	Oct 16 '03	Nov 13 '03							
120	Regulatory Agency Review Period	30 d	Nov 14 '03	Dec 13 '03							
121	Prepare Final RAP/ROD	30 d	Dec 14 '03	Jan 12 '04							

Task  Progress  Milestone  Summary 

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
122	Remedial Design (RD)	148 d	Jan 13 '04	Jun 8 '04							
123	Prepare Draft RD	29 d	Jan 13 '04	Feb 10 '04							
124	Regulatory Agency Review Period	30 d	Feb 11 '04	Mar 11 '04							
125	Prepare Draft Final RD	30 d	Mar 12 '04	Apr 10 '04							
126	Regulatory Agency Review Period	30 d	Apr 11 '04	May 10 '04							
127	Prepare Final RD	29 d	May 11 '04	Jun 8 '04							
128	Remedial Action (RA)	365 d	Jun 9 '04	Jun 8 '05							
129	Implement RA	365 d	Jun 9 '04	Jun 8 '05							
130	Long Term Monitoring (LTM)	1058 d	Jun 9 '05	May 1 '08							
131	5-year Review	1989 d	Jan 13 '04	Jun 23 '09							
132											



Task  Progress  Milestone  Summary 

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002 2003 2004 2005 2006 2007 2008											
						1	2	3	4	5	6	7	8	9	10	11	12
133		IR SITE 14	1512 d	Apr 9 '01	May 29 '05												
134	✓	Removal Action	250 d	Apr 9 '01	Dec 14 '01												
135	✓	Excavation	15 d	Apr 9 '01	Apr 23 '01												
136	✓	Backfill	12 d	Apr 30 '01	May 11 '01												
137	✓	Monitoring Well Installation	30 d	Nov 15 '01	Dec 14 '01												
138	✓	Removal Action Report	154 d	Aug 24 '01	Jan 24 '02												
139	✓	Draft Soil Excavation and Disposal Report	15 d	Aug 24 '01	Sep 7 '01												
140	✓	Regulatory Agency Review	30 d	Sep 10 '01	Oct 9 '01												
141	✓	Final Soil Excavation and Disposal Report	107 d	Oct 10 '01	Jan 24 '02												
142		Monitor Natural Attenuation (MNA)	914 d	May 31 '02	Nov 29 '04												
143	✓	Hydrogen Release Compound Injection	1 d	Jul 24 '02	Jul 24 '02												
144		Well Installation and First Quarter GW Monitoring Report	232 d	May 31 '02	Jan 17 '03												
145	☐	Prepare Draft	119 d	May 31 '02	Sep 26 '02												
146		Regulatory Agency Review	23 d	Sep 27 '02	Oct 19 '02												
147		Prepare Final	90 d	Oct 20 '02	Jan 17 '03												
148		Second Quarter GW Monitoring Report	166 d	Aug 5 '02	Jan 17 '03												
149	✓	Prepare Draft	52 d	Aug 5 '02	Sep 25 '02												
150	✓	Regulatory Agency Review Period	23 d	Sep 26 '02	Oct 18 '02												
151		Prepare Final	91 d	Oct 19 '02	Jan 17 '03												

Task

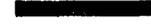


Progress



Milestone

Summary



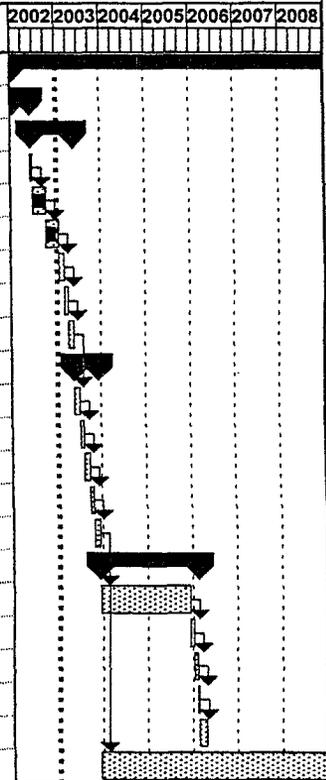
**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
152	Third Quarter GW Monitoring Report	187 d	Oct 2 '02	Apr 6 '03							
153	Prepare Draft	127 d	Oct 2 '02	Feb 5 '03							
154	Regulatory Agency Review Period	30 d	Feb 6 '03	Mar 7 '03							
155	Prepare Final	30 d	Mar 8 '03	Apr 6 '03							
156	Fourth Quarter GW Monitoring Report	180 d	Jan 6 '03	Jul 4 '03							
157	Prepare Draft	120 d	Jan 6 '03	May 5 '03							
158	Regulatory Agency Review Period	30 d	May 6 '03	Jun 4 '03							
159	Prepare Final	30 d	Jun 5 '03	Jul 4 '03							
160	Fifth Quarter GW Monitoring Report	180 d	Apr 7 '03	Oct 3 '03							
161	Prepare Draft	120 d	Apr 7 '03	Aug 4 '03							
162	Regulatory Agency Review Period	30 d	Aug 5 '03	Sep 3 '03							
163	Prepare Final	30 d	Sep 4 '03	Oct 3 '03							
164	Sixth through Eighth Quarter GW Monitoring Reports	362 d	Jul 7 '03	Jul 2 '04							
165	Sixth Quarter GW Monitoring Report	180 d	Jul 7 '03	Jan 2 '04							
166	Seventh Quarter GW Monitoring Report	180 d	Oct 6 '03	Apr 2 '04							
167	Eighth Quarter GW Monitoring Report	180 d	Jan 5 '04	Jul 2 '04							
168	MNA Evaluation	150 d	Jul 3 '04	Nov 29 '04							
169	Prepare Draft MNA Evaluation	90 d	Jul 3 '04	Sep 30 '04							
170	Regulatory Agency Review Period	30 d	Oct 1 '04	Oct 30 '04							
171	Prepare Final MNA Evaluation	30 d	Oct 31 '04	Nov 29 '04							
172	Site Closeout	181 d	Nov 30 '04	May 29 '05							
173	5-year Review	922 d	Dec 15 '01	Jun 23 '04							

Task Progress Milestone Summary

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002 2003 2004 2005 2006 2007 2008										
						2002	2003	2004	2005	2006	2007	2008				
174		IR Site 16 (Formerly AOC PT 1)	2709 d	Jan 23 '02	Jun 23 '09											
175	✓	Work Plan (WP)	142 d	Jan 23 '02	Jun 13 '02											
181		Expanded Site Inspection (ESI)	349 d	Jun 17 '02	May 31 '03											
182	✓	Conduct Field Work	17 d	Jun 17 '02	Jul 3 '02											
183	✓	Prepare Draft ESI Report	106 d	Jul 4 '02	Oct 17 '02											
184		Regulatory Agency Review Period	106 d	Oct 18 '02	Jan 31 '03											
185	☐	Prepare Draft Final ESI Report	45 d	Feb 1 '03	Mar 17 '03											
186		Regulatory Agency Review Period	30 d	Mar 18 '03	Apr 16 '03											
187	☐	Prepare Final ESI Report	45 d	Apr 17 '03	May 31 '03											
188		Action Memorandum	195 d	Jun 1 '03	Dec 12 '03											
189	☐	Prepare Draft Action Memo	45 d	Jun 1 '03	Jul 15 '03											
190	☐	Regulatory Agency Review Period	30 d	Jul 16 '03	Aug 14 '03											
191		Prepare Draft Final Action Memo	45 d	Aug 15 '03	Sep 28 '03											
192	☐	Regulatory Agency Review Period	30 d	Sep 29 '03	Oct 28 '03											
193		Prepare Final Action Memo	45 d	Oct 29 '03	Dec 12 '03											
194		Long Term Operation (LTO)/Long Term Monitoring (LTM)	806 d	Dec 13 '03	Feb 25 '06											
195	☐	LTM Implementation	731 d	Dec 13 '03	Dec 12 '05											
196		Prepare Draft LTM Report	30 d	Dec 13 '05	Jan 11 '06											
197		Regulatory Agency Review Period	30 d	Jan 12 '06	Feb 10 '06											
198	☐	Prepare Final LTM Report	15 d	Feb 11 '06	Feb 25 '06											
199		Site Closeout Summary	60 d	Feb 26 '06	Apr 26 '06											
200		5-year Review	2020 d	Dec 13 '03	Jun 23 '09											



Task  Progress  Milestone  Summary 

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	Year											
					2002	2003	2004	2005	2006	2007	2008					
201	✓ AOC SITE HWF 2 (Building 314)	516 d	Apr 16 '01	Sep 13 '02	█	█										
202	✓ Soil Excavation	3 d	Apr 16 '01	Apr 18 '01	█											
203	✓ Closure Report	161 d	Apr 19 '01	Sep 26 '01	█											
207	✓ Human Health Risk Assessment	131 d	Mar 15 '02	Jul 23 '02	█											
208	✓ Prepare Draft Human Health Risk Assessment Report (Revision)	81 d	Mar 15 '02	Jun 3 '02	█											
209	✓ Regulatory Agency Review (DTSC)	30 d	Jun 4 '02	Jul 3 '02	█											
210	✓ Prepare Final Human Health Risk Assessment Report (Revision)	20 d	Jul 4 '02	Jul 23 '02	█											
211	✓ Site Closure	52 d	Jul 24 '02	Sep 13 '02	█											
212																
213	Building 118 (Former Hazardous Waste Storage Facility)	362 d	Feb 7 '02	Feb 3 '03	█											
214	Plan of Action	362 d	Feb 7 '02	Feb 3 '03	█											
215	✓ Prepare Draft Plan of Action	20 d	Feb 7 '02	Feb 26 '02	█											
216	✓ Regulatory Agency Review	9 d	Feb 27 '02	Mar 7 '02	█											
217	✓ Prepare Draft Final Plan of Action	12 d	Mar 8 '02	Mar 19 '02	█											
218	✓ Regulatory Agency Review	7 d	Mar 20 '02	Mar 26 '02	█											
219	✓ Prepare Final Plan of Action	1 d	Mar 27 '02	Mar 27 '02	█											
220	✓ Perform Fieldwork	6 d	Mar 31 '02	Apr 5 '02	█											
221	✓ Submit Letter Report and Request RCRA Permit Closure	26 d	Apr 6 '02	May 1 '02	█											
222	✓ Regulatory Agency Review Period	132 d	May 2 '02	Sep 10 '02	█											
223	✓ Response to Regulatory Agency Comments	30 d	Sep 11 '02	Oct 10 '02	█											
224	Obtain DTSC Concurrence for RCRA Permit Closure	116 d	Oct 11 '02	Feb 3 '03	█											
225																

Task  Progress  Milestone  Summary 

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
226	BUILDING 101 (Gasoline Station)	1555 d	Mar 26 '01	Jun 27 '05							
227	✓ Human Health Risk Assessment	474 d	Mar 26 '01	Jul 12 '02							
228	✓ Submit Draft Risk Assessment	1 d	Mar 26 '01	Mar 26 '01							
229	✓ Regulatory Agency Review Period	120 d	Mar 27 '01	Jul 24 '01							
230	✓ Prepare Draft Plan of Action	15 d	Dec 27 '01	Jan 10 '02							
231	✓ Regulatory Agency Review Period	12 d	Jan 11 '02	Jan 22 '02							
232	✓ Prepare Final Plan of Action	3 d	Jan 23 '02	Jan 25 '02							
233	✓ Conduct Field Work	5 d	Jan 26 '02	Jan 30 '02							
234	✓ Revise Draft Risk Assessment	62 d	Jan 31 '02	Apr 2 '02							
235	✓ Regulatory Agency Review Period	31 d	Apr 3 '02	May 3 '02							
236	✓ Prepare Draft Final Risk Assessment	13 d	May 4 '02	May 16 '02							
237	✓ Regulatory Agency Review Period	32 d	May 17 '02	Jun 17 '02							
238	✓ Prepare Final Risk Assessment	25 d	Jun 18 '02	Jul 12 '02							

Task



Progress



Milestone

Summary



**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	☐	Task Name	Duration	Start	Finish	2002 2003 2004 2005 2006 2007 2008											
						1	2	3	4	5	6	7	8	9	10	11	12
239		Remedial Design	316 d	Jul 13 '02	May 24 '03												
240	✓	Revised Draft Corrective Action Plan (CAP)	91 d	Jul 13 '02	Oct 11 '02												
241	✓	Regulatory Agency Review Period	30 d	Oct 12 '02	Nov 10 '02												
242	✓	Prepare Draft Final CAP	16 d	Nov 11 '02	Nov 26 '02												
243		Regulatory Agency Review Period	59 d	Nov 27 '02	Jan 24 '03												
244		Prepare Final CAP	15 d	Jan 25 '03	Feb 8 '03												
245	☐	Prepare Draft Work Plan (GW Monitoring)	30 d	Feb 9 '03	Mar 10 '03												
246		Regulatory Agency Review Period	30 d	Mar 11 '03	Apr 9 '03												
247	☐	Prepare Draft Final Work Plan (GW Monitoring)	15 d	Apr 10 '03	Apr 24 '03												
248		Regulatory Agency Review Period	15 d	Apr 25 '03	May 9 '03												
249		Prepare Final Work Plan (GW Monitoring)	15 d	May 10 '03	May 24 '03												
250		Remedial Action	15 d	Mar 17 '03	Mar 31 '03												
251	☐	Install/Develop GW Monitoring Wells	15 d	Mar 17 '03	Mar 31 '03												
252		Long Term Monitoring (LTM)	804 d	Apr 1 '03	Jun 12 '05												
253	☐	LTM Implementation	729 d	Apr 1 '03	Mar 29 '05												
254	☐	Prepare Draft LTM Report	30 d	Mar 30 '05	Apr 28 '05												
255	☐	Regulatory Agency Review Period	30 d	Apr 29 '05	May 28 '05												
256	☐	Prepare Final LTM Report	15 d	May 29 '05	Jun 12 '05												
257		Site Closure	15 d	Jun 13 '05	Jun 27 '05												
258																	

Task Progress Milestone Summary

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
259	PALOS VERDES SITES OU1 (Former Housing)	4281 d	Apr 30 '98	Jan 17 '10							
260	✓ Removal Action Closure Report	1 d	Apr 30 '98	Apr 30 '98							
261	Long Term Monitoring (LTM)	3150 d	Jun 4 '01	Jan 17 '10							
262	✓ Revised LTM Work Plan	80 d	Jun 4 '01	Aug 22 '01							
263	LTM Implementation	3060 d	Aug 23 '01	Jan 7 '10							
264	✓ Prepare Draft Biennial GW Monitoring Report for year 2001	127 d	Oct 4 '01	Feb 7 '02							
265	✓ Regulatory Agency Review Period	113 d	Feb 8 '02	May 31 '02							
266	✓ Prepare Final Biennial GW Monitoring Report for year 2001	18 d	Jun 1 '02	Jun 18 '02							
267	☐ Prepare Draft Biennial GW Monitoring Report for year 2003	60 d	Oct 6 '03	Dec 4 '03							
268	Regulatory Agency Review Period	30 d	Dec 5 '03	Jan 3 '04							
269	Prepare Final Biennial GW Monitoring Report for year 2003	15 d	Jan 4 '04	Jan 18 '04							
270	☐ Prepare Draft Biennial GW Monitoring Report for year 2005	60 d	Oct 4 '05	Dec 2 '05							
271	Regulatory Agency Review Period	30 d	Dec 3 '05	Jan 1 '06							
272	Prepare Final Biennial GW Monitoring Report for year 2005	15 d	Jan 2 '06	Jan 16 '06							
273	☐ Prepare Draft Biennial GW Monitoring Report for year 2007	60 d	Oct 4 '07	Dec 2 '07							
274	Regulatory Agency Review Period	30 d	Dec 3 '07	Jan 1 '08							
275	Prepare Final Biennial GW Monitoring Report for year 2007	15 d	Jan 2 '08	Jan 16 '08							
276	☐ Prepare Draft Biennial GW Monitoring Report for year 2009	60 d	Oct 5 '09	Dec 3 '09							
277	Regulatory Agency Review Period	30 d	Dec 4 '09	Jan 2 '10							
278	Prepare Final Biennial GW Monitoring Report for year 2009	15 d	Jan 3 '10	Jan 17 '10							

Task  Progress  Milestone  Summary 

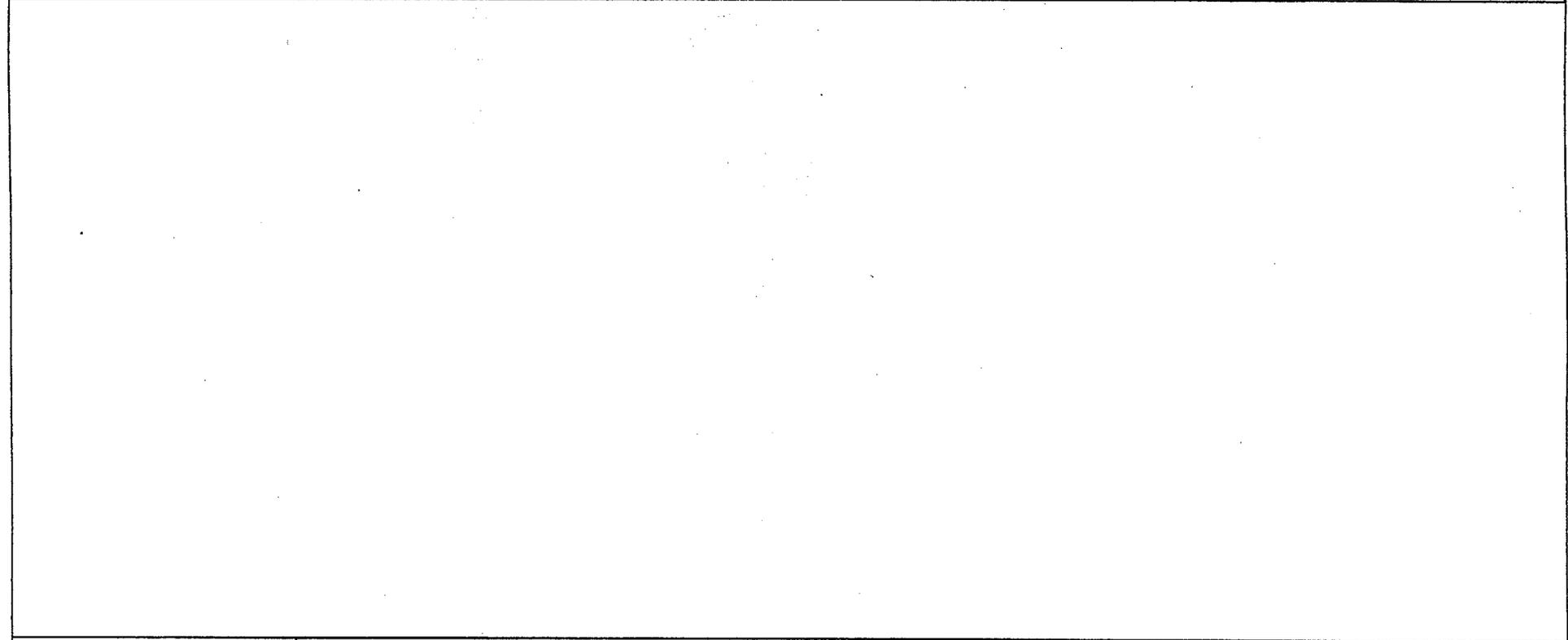
**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002 2003 2004 2005 2006 2007 2008											
					Gantt chart area with vertical grid lines for each year and task bars.											
279	Site Maintenance and Institutional Control Plan (SMICP)	1443 d	Apr 30 '99	Apr 11 '03	[Gantt bar from Apr 30 '99 to Apr 11 '03]											
280	SMICP	1 d	Apr 30 '99	Apr 30 '99	[Gantt bar at Apr 30 '99]											
281	Prepare Draft Updated SMICP	143 d	Oct 1 '02	Feb 20 '03	[Gantt bar from Oct 1 '02 to Feb 20 '03]											
282	Regulatory Agency Review Period	30 d	Feb 21 '03	Mar 22 '03	[Gantt bar from Feb 21 '03 to Mar 22 '03]											
283	Prepare Final Updated SMICP	20 d	Mar 23 '03	Apr 11 '03	[Gantt bar from Mar 23 '03 to Apr 11 '03]											
284	Site Maintenance and Institutional Controls	1781 d	Oct 4 '01	Aug 19 '06	[Gantt bar from Oct 4 '01 to Aug 19 '06]											
285	Prepare Draft Landfill Cap Inspection Report for year 2001	127 d	Oct 4 '01	Feb 7 '02	[Gantt bar from Oct 4 '01 to Feb 7 '02]											
286	Regulatory Agency Review Period	113 d	Feb 8 '02	May 31 '02	[Gantt bar from Feb 8 '02 to May 31 '02]											
287	Prepare Final Landfill Cap Inspection Report for year 2001	12 d	Jun 1 '02	Jun 12 '02	[Gantt bar from Jun 1 '02 to Jun 12 '02]											
288	Prepare Draft Landfill Cap Inspection and Topographic Survey Report for year 2002	62 d	Dec 18 '02	Feb 17 '03	[Gantt bar from Dec 18 '02 to Feb 17 '03]											
289	Regulatory Agency Review Period	30 d	Feb 18 '03	Mar 19 '03	[Gantt bar from Feb 18 '03 to Mar 19 '03]											
290	Prepare Final Landfill Cap Inspection and Topographic Survey Report for year 2002	20 d	Mar 20 '03	Apr 8 '03	[Gantt bar from Mar 20 '03 to Apr 8 '03]											
291	Prepare Draft Landfill Cap Inspection Report for year 2003	60 d	May 3 '03	Jul 1 '03	[Gantt bar from May 3 '03 to Jul 1 '03]											
292	Regulatory Agency Review Period	30 d	Jul 2 '03	Jul 31 '03	[Gantt bar from Jul 2 '03 to Jul 31 '03]											
293	Prepare Final Landfill Cap Inspection Report for year 2003	20 d	Aug 1 '03	Aug 20 '03	[Gantt bar from Aug 1 '03 to Aug 20 '03]											
294	Prepare Draft Landfill Cap Inspection and Topographic Survey Report for year 2004	60 d	May 3 '04	Jul 1 '04	[Gantt bar from May 3 '04 to Jul 1 '04]											
295	Regulatory Agency Review Period	30 d	Jul 2 '04	Jul 31 '04	[Gantt bar from Jul 2 '04 to Jul 31 '04]											
296	Prepare Final Landfill Cap Inspection and Topographic Survey Report for year 2004	20 d	Aug 1 '04	Aug 20 '04	[Gantt bar from Aug 1 '04 to Aug 20 '04]											
297	Prepare Draft Landfill Cap Inspection Report for year 2005	60 d	May 3 '05	Jul 1 '05	[Gantt bar from May 3 '05 to Jul 1 '05]											
298	Regulatory Agency Review Period	30 d	Jul 2 '05	Jul 31 '05	[Gantt bar from Jul 2 '05 to Jul 31 '05]											
299	Prepare Final Landfill Cap Inspection Report for year 2005	20 d	Aug 1 '05	Aug 20 '05	[Gantt bar from Aug 1 '05 to Aug 20 '05]											

Task [Pattern Box] Progress [Solid Box] Milestone [Dashed Box] Summary [Solid Box]

**FIGURE 3-2
DETAILED SCHEDULE
LONG BEACH NAVAL COMPLEX**

ID	Task Name	Duration	Start	Finish	2002	2003	2004	2005	2006	2007	2008
300	Prepare Draft Landfill Cap Inspection and Topographic Survey Report for year 2006	60 d	May 2 '06	Jun 30 '06							
301	Regulatory Agency Review Period	30 d	Jul 1 '06	Jul 30 '06							
302	Prepare Final Landfill Cap Inspection and Topographic Survey Report for year 2006	20 d	Jul 31 '06	Aug 19 '06							
303	5-year Review	2246 d	May 1 '98	Jun 23 '04							



Task  Progress  Milestone  Summary 

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Section 4

Next Report

In accordance with the July 17, 2000 FFSRA, an amended SMP (or an SMP Annual Update) that proposes deadlines to take effect in the next fiscal year will be submitted to DTSC no later than June 15 each year. The Final SMP Annual Update was submitted September 16, 2002. In the interim, quarterly progress reports that document corrective action, removal action, and remedial action activities for the previous quarter will be submitted to all regulatory agencies the tenth day of the month following the end of the previous quarter. Because the next SMP update will document milestones accomplished between December 16 and March 15, 2003, the next quarterly progress report will be provided to the regulatory agencies on April 10, 2003.

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