



**DEPARTMENT OF THE NAVY**  
BASE REALIGNMENT AND CLOSURE  
PROGRAM MANAGEMENT OFFICE WEST  
1455 FRAZEE RD, SUITE 900  
SAN DIEGO, CA 92108-4310

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**MAR 27 2008**

Mr. Richard Muza  
Remedial Project Manager  
U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street, Mail Code SFD-8-1  
San Francisco, CA 94105-3901

Mr. Quang Than  
Remedial Project Manager  
Southern California Base Closure and Reuse Unit  
California Department of Toxic Substances Control  
Office of Military Facilities  
5796 Corporate Ave.  
Cypress, CA 90630-4700

Mr. John Broderick  
Remedial Project Manager  
California Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501-3348

**SUBJECT: PROPOSED SCHEDULE FOR OPERABLE UNIT (OU) 2C, INSTALLATION RESTORATION PROGRAM (IRP) LANDFILL SITES 3 AND 5, FORMER MARINE CORPS AIR STATION (MCAS) EL TORO, CALIFORNIA AND MCAS EL TORO FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SUBMITTAL MILESTONES (MARCH 2008).**

Dear Base Realignment and Closure (BRAC) Cleanup Team (BCT) Members:

The Record of Decision (ROD) for OU 2C IRP Landfill Sites 3 and 5 at former MCAS El Toro was finalized on March 6, 2008. In accordance with subsections 7.3(a) and 8.2 of the FFA for former MCAS El Toro, proposed dead lines for the completion of post-ROD draft primary documents are submitted for your review and concurrence (enclosure 1). Also submitted is a more detailed schedule outlining the relationships between the draft primary documents and the intermediate steps (enclosure 2).

Thank you for your continued support of this program. Should you have any questions or need additional information, please contact Mr. Richard Pribyl at (619) 532-0932 or me at (619) 532-0919.

Sincerely,

A handwritten signature in cursive script, appearing to read "Debra M. Theroux".

DEBRA M. THEROUX  
Acting Base Closure Manager  
By direction of the Director

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**MAR 27 2008**

- Enclosures: 1. Marine Corps Air Station El Toro, Federal Facility Agreement, Appendix A Submittal Milestones (March 2008)  
2. Proposed Schedule for Operable Unit 2C, Installation Restoration Program Landfill Sites 3 and 5, Former Marine Corps Air Station El Toro, California

Copy to:

Commanding Officer  
MCAS Miramar  
Environmental Management Department  
P.O. Box 452001  
Bldg 6317  
San Diego, CA 92145-2001

# MARINE CORPS AIR STATION EL TORO

## Federal Facility Agreement

### Appendix A

#### Submittal Milestones

**Site 1 Soil (Former Explosive Ordnance Disposal [EOD] Training Range)**

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Remedial Investigation	06-03-2005
Draft Feasibility Study	01-29-2007
Draft Final Feasibility Study	06-25-2008
Draft Proposed Plan	09-17-2008
Draft Record of Decision	03-30-2009

**Site 1 (Former EOD Training Range) 1 & Site 2 (Magazine Road Landfill)**

**Groundwater**

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Final Feasibility Study	11-17-2008
Draft Proposed Plan	02-16-2009
Draft Record of Decision	09-03-2009

**Sites 2 & 17 (Magazine Road and Communication Station Landfills)**

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Final Remedial Design	07-19-2004
Draft Sites 2 and 17 Operation and Maintenance Plan	09-14-2007
Site 2 Draft Interim-Remedial Action Completion Report	07-14-2008
Site 17 Draft Interim-Remedial Action Completion Report	08-22-2008

**Sites 3 & 5 (Original and Perimeter Road Landfills)**

<b>Primary Submittal</b>	<b>Deliverable Date</b>
<i>Draft Remedial Design/Remedial Action Work Plan*</i>	<i>09-02-2008</i>
<i>Draft Operation and Maintenance Plan/Long-Term Monitoring Plan**</i>	<i>04-09-2009</i>
<i>Draft Interim-Remedial Action Completion Report***</i>	<i>01-26-2010</i>
<i>Draft Operating Properly and Successfully Report</i>	<i>12-08-2010</i>

\* Includes Construction Quality Assurance (CQA) Plan, Construction Quality Control (CQC) Plan, and Contingency Plan

\*\* Includes Long-Term Contingency Plan

\*\*\*Equivalent to Project Closeout Report

# MARINE CORPS AIR STATION EL TORO

## Federal Facility Agreement

### Appendix A

#### Submittal Milestones

#### Anomaly Area 3

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Remedial Investigation/Feasibility Study	12-06-2005
Draft Proposed Plan	06-09-2008
Draft Record of Decision	02-10-2009

#### Sites 8 (DRMO Storage Yard) & 12 (Sludge Drying Beds)

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Remedial Design/Remedial Action Work Plan	09-12-2007
Construction Quality Assurance Plan	09-12-2007
Construction Quality Control Plan	09-12-2007
Project Closeout Report	10-09-2008

#### Site 16 (Crash Crew Pit No. 2)

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Draft Remedial Design/Remedial Action MNA Work Plan	11-18-2003
Draft Remedial Design	07-27-2005
Draft Operating Properly and Successfully Report	03-02-2006

#### Site 18 (VOC Regional Groundwater Plume)

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Preliminary Remedial Design (90% Design)	03-14-2005
Final Remedial Design (100% Design)	05-31-2005
Draft Operation & Maintenance Plan	01-11-2007
Draft Project Closeout Report / Interim – Remedial Action Completion Report	05-14-2007

#### Site 24 (VOC Source Area – Shallow Groundwater Unit)

<b>Primary Submittal</b>	<b>Deliverable Date</b>
Preliminary Remedial Design (90% Design)	06-02-2004
Final Remedial Design (100% Design)	12-13-2004
Draft Operation & Maintenance Plan	01-11-2007
Draft Project Closeout Report / Interim – Remedial Action Completion Report	05-14-2007

**Final Post-ROD RD/RA FFA Schedule  
Remedial Action at OU-2C, IRP Landfill - Sites 3 and 5  
Former MCAS El Toro, California**

ID	Task Name	Duration	Start	Finish	2007		2008		2009		2010		2011		2012	
					H1	H2										
1	<b>RECORD OF DECISION (ROD)</b>	101 days	Fri 10/5/07	Thu 3/6/08												
6	<b>POST ROD-RD/RA FFA SCHEDULE</b>	14 days	Fri 3/7/08	Thu 3/27/08												
13	<b>RD/RA WORK PLAN (INCLUDES CQAP/CQCP/CONTINGENCY PLAN)</b>	254 days	Mon 3/24/08	Fri 3/27/09												
14	Prepare/Issue Draft RD/RA Work Plan to BCT	114 days	Mon 3/24/08	Tue 9/2/08												
21	BCT Review Draft RD/RA Work Plan	43 days	Wed 9/3/08	Mon 11/3/08												
22	Receive BCT Comments on Draft RD/RA Work Plan	0 days	Mon 11/3/08	Mon 11/3/08												
23	Prepare/Issue Draft Final RD/RA Work Plan to BCT	61 days	Tue 11/4/08	Wed 2/4/09												
30	BCT Concur/Dispute Draft Final RD/RA Work Plan	21 days	Thu 2/5/09	Fri 3/6/09												
31	Prepare/Issue Final RD/RA Work Plan to BCT	10 days	Mon 3/9/09	Fri 3/20/09												
32	Notice to Proceed	0 days	Fri 3/27/09	Fri 3/27/09												
33	<b>APP/HASP</b>	100 days	Wed 9/3/08	Thu 1/29/09												
40	<b>FACT SHEET</b>	123 days	Wed 9/3/08	Wed 3/4/09												
41	Prepare/Issue Draft Fact Sheet to BCT	51 days	Wed 9/3/08	Fri 11/14/08												
48	BCT Review Draft Fact Sheet	22 days	Mon 11/17/08	Thu 12/18/08												
49	Receive BCT Comments on Draft Fact Sheet	0 hrs	Thu 12/18/08	Thu 12/18/08												
50	Prepare/Issue Draft Final Fact Sheet to BCT	24 days	Fri 12/19/08	Mon 1/26/09												
57	BCT Concur Draft Final Fact Sheet	21 days	Tue 1/27/09	Wed 2/25/09												
58	Prepare/Issue Final Fact Sheet to BCT/Public	5 days	Thu 2/26/09	Wed 3/4/09												
59	<b>FIELD CONSTRUCTION - SITES 3 &amp; 5</b>	115 days	Mon 3/30/09	Wed 9/9/09												
105	<b>INTERIM REMEDIAL ACTION COMPLETION REPORT (PROJECT CLOSEOUT REPORT)</b>	253 days	Thu 8/6/09	Tue 8/10/10												
106	Prepare/Issue Draft I-RACR to BCT	116 days	Thu 8/6/09	Tue 1/26/10												
113	BCT Review Draft I-RACR	41 days	Wed 1/27/10	Thu 3/25/10												
114	Receive BCT Comments on Draft I-RACR	0 days	Thu 3/25/10	Thu 3/25/10												
115	Prepare/Issue Draft Final I-RACR to BCT	54 days	Fri 3/26/10	Thu 6/10/10												
122	BCT Concur/Dispute Draft Final I-RACR	22 days	Fri 6/11/10	Tue 7/13/10												
123	Prepare/Issue Final I-RACR to BCT	20 days	Wed 7/14/10	Tue 8/10/10												
124	<b>O &amp; MLTM PLAN (INCLUDES LONG-TERM CONTINGENCY PLAN)</b>	238 days	Tue 10/28/08	Thu 10/8/09												
125	Prepare/Issue Draft O & MLTM Plan to BCT	111 days	Tue 10/28/08	Thu 4/9/09												
132	BCT Review Draft O & MLTM Plan	42 days	Fri 4/10/09	Tue 6/9/09												
133	Receive BCT Comments on Draft O & MLTM Plan	0 days	Tue 6/9/09	Tue 6/9/09												
134	Prepare/Issue Draft Final O & MLTM Plan to BCT	53 days	Wed 6/10/09	Mon 8/24/09												
141	BCT Concur/Dispute Draft Final O & MLTM Plan	22 days	Tue 8/25/09	Thu 9/24/09												
142	Prepare/Issue Final O & MLTM Plan to BCT	10 days	Fri 9/25/09	Thu 10/8/09												
143	<b>O &amp; M</b>	282 days	Thu 8/27/09	Wed 10/13/10												
144	O & M	250 days	Thu 8/27/09	Thu 8/26/10												
145	Monthly Progress Reports	250 days	Wed 10/14/09	Wed 10/13/10												
146	<b>OPERATING PROPERLY AND SUCCESSFULLY REPORT</b>	235 days	Thu 7/1/10	Wed 6/8/11												
147	Prepare/Issue Draft OPS Report to BCT	109 days	Thu 7/1/10	Wed 12/8/10												
154	BCT Review Draft OPS Report	43 days	Thu 12/9/10	Thu 2/10/11												
155	Receive BCT Comments on Draft OPS Report	0 days	Thu 2/10/11	Thu 2/10/11												
156	Prepare/Issue Draft Final OPS Report to BCT	51 days	Fri 2/11/11	Mon 4/25/11												
163	BCT Concur/Dispute Draft Final OPS Report	22 days	Tue 4/26/11	Wed 5/25/11												
164	Prepare/Issue Final OPS Report to BCT	10 days	Thu 5/26/11	Wed 6/8/11												

MCAS El Toro, California  
Date: Thu 3/27/08

Task: Progress: Summary: External Tasks: Deadline:

Split: Milestone: Project Summary: External Milestone:

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**MAR 27 2008**

Blind copy to:  
BRAC PMO West

G. Lorton

C. Arnold

J. Callian

NAVFAC SW

D. Silva, FISC Bldg-1, 3<sup>rd</sup> Floor (w/2 copies for Administrative Record)

D. Silva, FISC Bldg-1, 3<sup>rd</sup> Floor (w/1 copy for Information Repository)

X Drive file

Serial file

Writer: Richard Pribyl, 2-9329

Typist: N. Lilley, 03/25/08

Email/MCAS El Toro Sites 3\_5 Schedule.doc