

**Former Fort Ord Operable Unit (OU)-1 – Base Closure Team (BCT) Meeting  
Update  
Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning  
Marina, California  
11 April 2016**

**OU-1 On-Post Activities for 10 March through 05 April 2016**  
Prepared by HydroGeoLogic, Inc., Roy Evans, Project Manager

**Attendees: (to be revised after meeting)**

Individual	Attended?	Individual	Attended?
James Specht, USACE		Grant Himebaugh, RWQCB	
Teresa Rodgers, USACE		Noel Shrum, DTSC	
Alex Kan, USACE		Jeff Fenton, AMEC	
Bonnie McNeill, USACE		Derek Lieberman, Ahtna	
Cory Koger, USACE		Eric Schmidt, Ahtna	
Jonathan Whipple, USACE		Holly Dillon, Ahtna	
William Collins, BRAC		Megan Gehrke, Ahtna	
Tom Ghigliotto, Chenega <sup>1</sup>		Thor Anderson, Burleson	
Melissa Broadston, Chenega <sup>1</sup>		Steve Crane, Kemron	
Bart Kowalski, Chenega <sup>1</sup>		Erin Caruso, Gilbane	
Cary Stiebel, Chenega <sup>1</sup>		Larry Friend, Gilbane	
Judy Huang, EPA		Kevin Siemann, Gilbane	
Martin Hausladen, EPA		Monique Perry, Gilbane	
Kimberly Gettman, DTSC		Roy Evans, HGL	
Min Wu, Ph.D., DTSC		Kevin Wierengo, HGL	
Steve Sterling, DTSC		Gage Dayton, Ph.D., UCSC	
Edward Walker, DTSC		Jonathan Whipple	
David Eisen, USACE			
X = attended in person or by telephone; blank indicates absent from the meeting			

**Notes:**

<sup>1</sup>Chenega staff supporting the BRAC  
Ahtna = Ahtna Engineering Services  
BRAC = Base Realignment and Closure Fort  
Ord Office  
CB&I = Chicago Bridge & Iron, Inc.  
DTSC = California Department of Toxic  
Substances Control  
EPA = U.S. Environmental Protection  
Agency  
HGL = HydroGeoLogic, Inc.  
RWQCB = Regional Water Quality Control  
Board  
UCSC = University of California, Santa  
Cruz  
USACE = U.S. Army Corps of Engineers

## **OU-1 Treatment Plant Operations**

Remediation is complete. The northwest treatment system (NWTs) is offline but operable.

## **Reporting/Federal Facility Agreement (FFA) Schedule**

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. Ongoing efforts are as follows:

- The Final Remedial Action Completion Report / Technical Memorandum (TM) summarizing the results of Attainment Monitoring events 1 through 4 was submitted on 16 March.
  - RWQCB accepted the Final via email.
  - DTSC sent a letter (04 April 2016) confirming acceptance.
  - EPA issued a letter stating that the remediation effort is complete and directing the Army to decommission the treatment plant and destroy the OU-1 wells.
- The 2016 Annual Groundwater Monitoring Report is being prepared.

## **OU-1 Closeout Steps and Documentation**

- It is the Army's understanding that the following actions are needed to complete the OU-1 closure:
  - Submit a Draft Closure Plan for DTSC and RWQCB review (courtesy copy to EPA); the Closure Plan will describe:
    - the wells to be destroyed;
    - decommissioning and disposition of the NWTs;
    - disposition of OU-1 infrastructure (pipelines and power);
    - site restoration actions, if needed.
  - Respond to comments and submit a Final Closure Plan.
  - Perform the work items identified in the approved Closure Plan.
  - Submit draft and final versions of the Closeout Activity Completion (CAC)\* Report describing the work activities performed in accordance with the Closure Plan. (\*This report title is a placeholder to represent a specific DTSC report title if applicable).

- Obtain DTSC and RWQCB approval of the CAC.
- Await completion of other OUs at former Fort Ord.
- Submit OU-1 Closeout Report in conjunction with Closeout Reports for all other OUs.
- Obtain EPA and State concurrence that all former Fort Ord OUs are complete.
- The Army requests direction from the regulatory agencies if the closure steps listed above are incomplete or concurrence if that sequence is correct.
- The Army will describe the future well destruction / plant decommissioning effort in the OU-1 Groundwater Monitoring Report.

### **OU-1 Weed Control and Rare Plant Monitoring**

The rare plant survey for sand gilia was completed on 29 March. A separate event will be scheduled for Monterey spineflower as it is nearly absent thus far. No piperia species were observed.

### **New/Current Action Items:**

- Confirm the closeout activities and reporting needed to complete OU-1 closure.

### **Ongoing:**

- Submit draft minutes for previous BCT meeting(s)—complete through March 2015.
- Submit final minutes for previous BCT meeting(s)—complete through March 2015.

**Table 1**  
**Current Deliverable Schedule**  
**Former Fort Ord, Marina, CA –April 2016**

<b>Deliverable Title</b>	<b>Submittal</b>	<b>Review Comments Due</b>	<b>Status/Remarks</b>
<i><b>Primary Deliverables</b></i>			
Final PFOA/PFOS Sampling Results Technical Memorandum Attainment Monitoring Events 1 - 4	04 March 2016	01 April 2016	Final submitted 16 March 2016
<i><b>Secondary Deliverables</b></i>			
2016 OU-1 Groundwater Monitoring Report	TBD	TBD	In preparation.
<i><b>Completed Recent Submittals</b></i>			
Final Exit Strategy Technical Memorandum	March 2015	April 2015	Draft Final approved without comment. Change pages distributed 12 May 2015
Site Safety and Health Plan Update	March 2015	Not Applicable	Army approved revisions
Final UFP-QAPP Revision 1	March 2015	April 2015	Draft Final approved without comment. Change pages distributed 14 May 2015
2015 Semiannual Groundwater Monitoring Report <sup>1</sup>	07 August 2015	10 September 2015	Accepted without comment
Draft 2015 Annual Groundwater Monitoring Report <sup>1</sup>	15 October 2015	16 November 2015	Draft Accepted without comment; final submitted 03 December 2015
Final UFP-QAPP Revision 2	14 October 2015	16 November 2015	
Draft PFOA/PFOS Sampling Results Technical Memorandum Attainment Monitoring Events 1 - 4	29 January 2016	29 February 2016	Comments received and addressed

<sup>1</sup> The Semiannual Groundwater Monitoring Report is submitted as a final document but review comments are accepted. Any comments are addressed in the Annual Groundwater Monitoring Report.