

**Former Fort Ord Operable Unit (OU)-1 – Base Closure Team (BCT) Meeting
Final Minutes
Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning
Marina, California
09 May 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	X
Teresa Rodgers, USACE	X	Noel Shrum, DTSC	
Alex Kan, USACE	X	Jeff Fenton, AMEC	X
Bonnie McNeill, USACE		Derek Lieberman, Ahtna	X
Cory Koger, USACE	X	Eric Schmidt, Ahtna	
David Eisen, USACE		Holly Dillon, Ahtna	X
William Collins, BRAC	X	Brad Clarke, Ahtna	
Tom Ghigliotto, Chenega ¹	X	Thor Anderson, Burleson	X
Melissa Broadston, Chenega ¹	X	Steve Crane, Kemron	X
Bart Kowalski, Chenega ¹	X	Erin Caruso, Gilbane	X
Cary Stiebel, Chenega ¹	X	Larry Friend, Gilbane	
Judy Huang, EPA	X	Kevin Siemann, Gilbane	
Martin Hausladen, EPA	X	Monique Perry, Gilbane	
Kimberly Gettman, DTSC	X	Roy Evans, HGL	X
Min Wu, Ph.D., DTSC		Kevin Wierengo, HGL	
Steve Sterling, DTSC	X	Gage Dayton, Ph.D., UCSC	
Edward Walker, DTSC	X	Jonathan Whipple	X
X = attended in person or by telephone; blank indicates absent from the meeting			

Notes:

¹Chenega 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. HGL is preparing the preliminary draft Closeout Report (for Army and BRAC Office only) and the preliminary draft 2016 Annual Groundwater Monitoring Report (for distribution to the public and regulatory agencies).

OU-1 Closeout Steps and Documentation

The following action sequence was presented to the regulatory agencies at the April Base Closure Team meeting. At that time, EPA and RWQCB concurred with the steps as outlined below. DTSC tentatively agreed with this approach and submitted revisions to the Army and BRAC Office on 05 May 2016. The DTSC revisions are highlighted below:

It is the Army's understanding that the following actions are needed to complete the OU-1 closure:

1. Submit **Draft Operable Unit 1 (OU-1) Closure Plan for Groundwater Monitoring Wells and Groundwater Treatment Plant, Former Fort Ord, California** (courtesy copy to EPA); the Closure Plan will describe:

- **BACKGROUND**

- **OU1 Site History with Location Maps of Groundwater Monitoring Wells and Treatment Plant**
- **OU1 Groundwater Monitoring and Treatment**
- **Relocation of Groundwater Treatment Plant**

- **REMOVAL AND DISPOSAL METHODS AND PROCEDURES**

- the wells to be destroyed;
- decommissioning and disposition of the NWTS **and infiltration galleries/trenches**;
- disposition of OU-1 infrastructure (pipelines and power);
- site restoration actions, if needed.

- **SITE RESTORATION AND REHABILITATION**

- HEALTH AND SAFETY PLAN
- ENVIRONMENTAL MONITORING
- PROJECT TEAM
- CLOSEOUT ACTIVITY COMPLETION REPORT
- PROPOSED SCHEDULE

2. Respond to comments and submit a Final Closure Plan.
3. Perform the work items identified in the approved Closure Plan.
4. 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).
5. Obtain DTSC and RWQCB approval of the CAC.
6. Await completion of other OUs at former Fort Ord.
7. Submit OU-1 Closeout Report in conjunction with Closeout Reports for all other OUs.
8. Obtain EPA and State concurrence that all former Fort Ord OUs are complete.

The DTSC revisions are consistent with the previously proposed format and content with the exception of the following items that were discussed during this meeting:

- Relocation of Groundwater Treatment Plant. The OU-1 groundwater treatment plant will be decommissioned and its components will be recycled or disposed. It will not be relocated. DTSC stated that this was their understanding and they will confirm that this topic should be deleted from the Closure Plan.
- Health and Safety Plan. The Army noted that the draft Health and Safety Plan will be reviewed by the Army and included in the Well Destruction Work Plan for reference.
- Closeout Activity Completion Report. The Army noted that this report will describe the activities performed after the Closure Plan is approved and implemented. It is identified as Step 4 in the proposed sequence. Consequently, this revision seems to be out of place in the planning step and should be deleted.

The DTSC representatives present tentatively agreed with this approach but will confirm with their project manager and senior management.

The BRAC Office noted that the Army and the regulators recently initiated a discussion concerning the possibility of a partial delisting from the Fort Ord Superfund site for OU-1. This approach would be responsive to community desires in terms of relaxing property restrictions on portions of the site where environmental cleanup is complete. Further discussions indicated that EPA does not currently have sufficient funding to implement a partial delisting effort. The BRAC Office and Army will investigate potential funding sources and agreements. Additional discussions will follow.

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 OU-1 rare plant field surveys were completed for Monterey spineflower (25 – 26 April) and sand gilia (28 – 29 March). The surveys were performed at different times to obtain results that represent peak blooming conditions for each species. No piperia were observed during either survey.

New/Current Action Items:

- Confirm the closeout activities and reporting needed to complete OU-1 closure. Awaiting DTSC confirmation as noted above.
- HGL will add the well demolition plan to deliverable schedule.

Ongoing:

- Submit draft minutes for previous BCT meeting(s)—complete through April 2015—EPA and RWQCB concurred with minor change regarding RWQCB concurrence on Remedial Action Completion Technical Memorandum by letter rather than email. The Army is awaiting response from DTSC on these draft minutes.
- Submit final minutes for previous BCT meeting(s)—complete through March 2015. April draft minutes have been approved thus far by EPA and RWQCB.

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

Deliverable Title	Submittal	Review Comments Due	Status/Remarks
<i>Primary Deliverables</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>Secondary Deliverables</i>			
2016 OU-1 Groundwater Monitoring Report	24 June 2016	25 July 2016	In preparation.
<i>Completed Recent Submittals</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 ¹	07 August 2015	10 September 2015	Accepted without comment
Draft 2015 Annual Groundwater Monitoring Report ¹	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

¹ 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.