

**Former Fort Ord Operable Unit (OU)-1 – Base Closure Team (BCT) Meeting
Update
Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning
Marina, California
10 May 2017**

OU-1 On-Post Activities for 07 April through 04 May 2017
Prepared by HydroGeoLogic, Inc., Roy Evans, Project Manager

Attendees: (to be revised after meeting)

Individual	Attended?	Individual	Attended?
James Specht, USACE		Jon Fenske, HEC	
Teresa Rodgers, USACE		Kimberly Gettman, DTSC	
Alex Kan, USACE		Noel Shrum, DTSC	
Bonnie McNeill, USACE		Grant Himebaugh, RWQCB	
Cory Koger, USACE			
Jonathan Whipple, USACE		Jeff Fenton, AMEC	
David Eisen, USACE		Derek Lieberman, Ahtna	
Paul Fluck, USACE		Holly Dillon, Ahtna	
Curtis Payton, USACE		Brad Clarke, Ahtna	
William Collins, BRAC		Thor Anderson, Burleson	
Melissa Broadston, Chenega ¹		Steve Crane, Kemron	
Bart Kowalski, Chenega ¹		Erin Caruso, Gilbane	
Cary Stiebel, Chenega ¹		Larry Friend, Gilbane	
Tom Ghigliotto, Chenega ¹		Kevin Siemann, Gilbane	
Maeve Clancy, EPA		Nadia Burleson, Burleson	
Martin Hausladen, EPA		Roy Evans, HGL	
Min Wu, Ph.D., DTSC		Megan Matteazzi, HGL	
Steve Sterling, DTSC		Gage Dayton, Ph.D., UCSC	
Duane Balch, USACE		Charity Meakes, USACE	
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. The 2G alarm system is not operable. It will be necessary to upgrade to 4G equipment if the NWTS monitoring is to resume. The remediation system was inspected on 17 April and was observed in good condition. There has been more rainfall than normal and the sump has continued to function properly.

Reporting/Federal Facility Agreement (FFA) Schedule

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. The Final Armstrong Ranch Well Destruction Report was submitted and the responses to Mr. Weaver's comments were mailed by the BRAC Office. A replacement page was submitted for the Exit Strategy Technical Memorandum to correct the error discovered during preparation of the Five-Year Review Report. The Army provided review comments in the preliminary draft OU-1 Closeout Report and a revised version was submitted for Army back-check.

OU-1 Closeout

HGL is preparing the Work Plan (preliminary draft has been submitted to the Army) and Accident Prevention Plan (draft is approved by Army) to destroy the remaining OU-1 wells and decommission the NWTS. Field work is targeted to begin in early July if the agencies concur that work can begin after responses to comments on the Draft Work Plan are accepted.

OU-1 Rare Plant Monitoring

The BRAC Office will submit the 2016 Rare Plant Survey Report to the USFWS and CDFW. The baseline rare plant survey at the wells to be destroyed and at the sites monitored after the 2014 well destruction effort was completed for sand gilia and Yadon's piperia on 20 – 21 April. Monterey spineflower (MS) in the area is being monitored to determine the schedule for that survey. HGL will coordinate with Bart Kowalski and UCSC regarding the start date for the MS survey. HGL will present the results of the baseline and third year post destruction survey results in the same report.

Five-Year Review

The regulatory agencies are reviewing the Draft Five Year Review report.

New/Current Action Items:

- The sub-task to conduct the Baseline rare plant survey was funded.

Ongoing:

- Submit draft minutes for previous BCT meeting(s)—complete through April 2017.
- Submit final minutes for previous BCT meeting(s)—complete through April 2017 – thank you everyone for the timely reviews.

**Table 1
Current OU-1 Deliverable Schedule
Former Fort Ord, Marina, CA –March 2017**

Deliverable Title	Submittal	Review Comments Due	Status/Remarks
<i>Primary Deliverables</i>			
None Scheduled			
<i>Technical Memorandum</i>			
None Scheduled			
<i>Secondary Deliverables</i>			
Draft Work Plan FONR Well Destruction and NWTS Decommissioning	May 2017	June 2017	In progress
<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
Final PFOA/PFOS Sampling Results Technical Memorandum Attainment Monitoring Events 1 – 4	04 March 2016	01 April 2016	Final submitted 16 March 2016
Final 2016 OU-1 Groundwater Monitoring Report	26 August 2016	None	Comments received, addressed, and Final submitted
Final Armstrong Ranch Well Demolition Completion Report	17 February 2017	None	Final report submitted. Response to public comment submitted separately.
Attainment Monitoring Evaluation and Summary for EPA Designated Emerging Contaminants	25 August 2016	None	Approved as submitted by EPA (21 February 2017), DTSC and RWQCB
Final Armstrong Ranch Well Demolition Completion Report	17 February 2017	None	Final report submitted. Response to public comment submitted separately.

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.