

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

OU-1 On-Post Activities from 09 June through 06 July 2017
Prepared by HydroGeoLogic, Inc., Roy Evans, Project Manager

Attendees:

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		Katie Christianson, 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 Groundwater Monitoring and Treatment Plant Operations

Remediation is complete. The northwest treatment system (NWTS) is offline but operable. The 2G alarm system is not operable. The remediation system was inspected on 15 June and was observed to be in good condition. Carbon samples were collected for profile analysis and results from the Toxicity Characteristic Leaching Procedure (TCLP) showed non-detect for all Fort Ord chemicals of concern. The approved carbon profile analysis was received on 26 June and the carbon will be regenerated. The carbon is scheduled for removal on 12 July 2017.

Reporting/Federal Facility Agreement Schedule

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. The Final Work Plan and related APP/SSHP for the well destruction effort were distributed on 08 July 2017.

OU-1 Rare Plant Monitoring

The BRAC Office submitted the 2016 Rare Plant Survey Report to the USFWS and CDFW. Data from the baseline rare plant survey at the wells to be destroyed and the third-year survey at the sites monitored after the 2014 well destruction effort are being processed. HGL will present the results of the baseline and third year post destruction survey results in the same report.

OU-1 Closeout

The Draft Work Plan to destroy the remaining OU-1 wells and decommission the NWTS was accepted as written by EPA, DTSC, and RWQCB. Clarifications requested in the comments from the California Department of Fish and Wildlife were addressed. Well destruction work will begin on 11 July 2017 and the NWTS decommissioning will begin on 12 July.

OU-1 Five Year Review

The regulatory agencies comments on the Draft Five Year Review report are being addressed.

Other Topics

- The BRAC Office / Army / Regulatory Agencies discussion on the possibility of a partial delisting from the Fort Ord Superfund site for OU-1 will remain on hold for the near future.

- Upcoming BCT meetings are Wednesday 09 August and Wednesday 13 September.

OU-1 Action Items:

- Submit draft and final minutes for previous BCT meeting(s)—Final minutes through June 2017 have been uploaded.

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

Deliverable Title	Submittal	Review Comments Due	Status/Remarks
<i>Primary Deliverables</i>			
Updated Preliminary Draft OU-1 Closeout Report	01 May 2017	22 May 2017	HGL submitted final version to Army.
<i>Secondary Deliverables</i>			
Final Work Plan FONR Well Destruction and NWTS Treatment Plant Decommissioning	24 May 2017	26 June 2017	Submitted 08 July 2017. Draft Final omitted.
<i>Completed Recent Submittals</i>			
Final UFP-QAPP	May 2014	Received	Submitted 29 May 2014
Draft Well Destruction and Treatment Plant Demolition Completion Report	Aug 2014	Sept 2014	Draft accepted as Final Submitted 03 October 2014
Final Exit Strategy Technical Memorandum	March 2015	April 2015	Draft Final approved without comment. Change pages distributed 12 May 2015.
Final UFP-QAPP Revision 1	March 2015	April 2015	Draft Final approved without comment. Change pages distributed 14 May 2015.
Final PFOA/PFOS Sampling Results Technical Memorandum	26 Oct 2015	None	Final submittal made.
Draft 2015 Annual Groundwater Monitoring Report ¹	15 Oct 2015	Nov 2015	Accepted without comment; final submitted 03 December 2015.
Draft UFP-QAPP Revision 2	14 Oct 2015	Nov 2015	Accepted without comment; final submitted 03 December 2015.
Final Technical Memorandum Attainment Events 1 - 4	16 March 2016	None	EPA, DTSC, and RWQCB accepted final version.
Final OU-1 2016 Annual Groundwater Monitoring Report	25 Aug 2016	None	Back-check draft version with responses was accepted. Omitted Draft Final step.
OU-1 PFOA/PFOS Health Advisory Technical Memorandum	25 Aug 2016	NA	Draft was accepted as written by all Agencies and BRAC submitted notice of Final version.
Draft OU-1 Armstrong Ranch Well Destruction Completion Report	09 Dec 2016	11 Jan 2017	Final report submitted. Responses to public comment were submitted by the BRAC Office.
Preliminary Draft Work Plan FONR Well Destruction and NWTS Treatment Plant Decommissioning	28 April 2017	12 May 2017	Submitted.

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.