

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

**OU-1 On-Post Activities for 04 May through 08 June 2017**

Prepared by HydroGeoLogic, Inc., Roy Evans, Project Manager

**Attendees:**

<b>Individual</b>	<b>Attended?</b>	<b>Individual</b>	<b>Attended?</b>
James Specht, USACE		Jon Fenske, HEC	
Teresa Rodgers, USACE		Kimberly Gettman, DTSC	X
Alex Kan, USACE	X	Noel Shrum, DTSC	
Bonnie McNeill, USACE	X	Grant Himebaugh, RWQCB	X
Cory Koger, USACE			
Jonathan Whipple, USACE	X	Jeff Fenton, AMEC	X
David Eisen, USACE		Derek Lieberman, Ahtna	X
Paul Fluck, USACE		Holly Dillon, Ahtna	X
Curtis Payton, USACE		Brad Clarke, Ahtna	
William Collins, BRAC	X	Thor Anderson, Burleson	X
Melissa Broadston, Chenega <sup>1</sup>	X	Steve Crane, Kemron	X
Bart Kowalski, Chenega <sup>1</sup>	X	Erin Caruso, Gilbane	X
Cary Stiebel, Chenega <sup>1</sup>	X	Larry Friend, Gilbane	
Tom Ghigliotto, Chenega <sup>1</sup>		Kevin Siemann, Gilbane	
Maeve Clancy, EPA	X	Katie Christianson, Burleson	
Martin Hausladen, EPA		Roy Evans, HGL	X
Min Wu, Ph.D., DTSC	X	Megan Matteazzi, HGL	
Steve Sterling, DTSC		Gage Dayton, Ph.D., UCSC	
Duane Balch, USACE		Charity Meakes, USACE	X
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 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 30 May and was observed to be in good condition. Carbon samples were collected for profile analysis in advance of removing the carbon for regeneration or disposal next month. Analytical results are expected before 16 June.

## **Reporting/Federal Facility Agreement Schedule**

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. The Draft Work Plan and related APP/SSHP for the upcoming well destruction effort were submitted for regulatory and public review. Comments are due by 26 June.

## **OU-1 Rare Plant Monitoring**

The BRAC Office submitted the 2016 Rare Plant Survey Report to the USFWS and CDFW. 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 have been completed and results 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 is in agency review. Field work is targeted to begin the week of 10 July if the agencies concur that work can begin after responses to comments on the Draft Work Plan are accepted.

## **OU-1 Five Year Review**

The regulatory agencies recently provided comments on the Draft Five Year Review report.

## **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.
- HGL will place plastic bags or mesh around well caps to deny entry to bees if any activity is observed during the next site inspection.

- There was some discussion concerning potential for revisiting OU-1 in the future regarding perfluorooctanoic acid (PFOA) and/or perfluorooctane sulfonate (PFOS). It was agreed that OU-1 status could be revisited at any time if there are changes in regulatory standards for PFOA/PFOS at the State or Federal level. EPA indicated they were not aware of any pending regulatory changes. Because of the risk uncertainties posed by PFOA and PFOS, EPA requested in their comments on the Five-Year Review Report that the Army carry over OU-1 into the 5<sup>th</sup> Five-Year Report due in 2022.
- Next BCT is 1330 PCT on Friday 14 July with Community Involvement Workshop on Saturday.
- 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 May 2017 have been uploaded. The draft May minutes were approved as written.

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

<b>Deliverable Title</b>	<b>Submittal</b>	<b>Review Comments Due</b>	<b>Status/Remarks</b>
<i>Primary Deliverables</i>			
Updated Preliminary Draft OU-1 Closeout Report	01 May 2017	22 May 2017	HGL submitted responses / backcheck to Army.
<i>Secondary Deliverables</i>			
Draft Work Plan FONR Well Destruction and NWTS Treatment Plant Decommissioning	24 May 2017	26 June 2017	Awaiting regulatory and public comments on the draft report.
<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 <sup>1</sup>	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.

<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.