

**Former Fort Ord Operable Unit (OU)-1 – BRAC Cleanup Team (BCT) Meeting  
Update  
Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning  
Marina, California  
08 November 2017**

**OU-1 On-Post Activities for 06 October through 02 November 2017**

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

**Attendees:**

<b>Individual</b>	<b>Attended?</b>	<b>Individual</b>	<b>Attended?</b>
Tom Savage, USACE		Jon Fenske, HEC	
Laura Becia, USACE		Kimberly Gettman, DTSC	
Alex Kan, USACE		Noel Shrum, DTSC	
Bonnie McNeill, USACE		Grant Himebaugh, RWQCB	
Cory Koger, USACE		Vlado Arsov, DTSC	
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 <sup>1</sup>		Steve Crane, Kemron	
Bart Kowalski, Chenega <sup>1</sup>		Erin Caruso, Gilbane	
Cary Stiebel, Chenega <sup>1</sup>		Larry Friend, Gilbane	
Tom Ghigliotto, Chenega <sup>1</sup>		Kevin Siemann, Gilbane	
Maeve Clancy, EPA		Katie Christianson, Burleson	
Bridget Floyd, USACE		Roy Evans, HGL	
Charity Meakes, USACE		Megan Matteazzi, HGL	
Steve Sterling, DTSC		Gage Dayton, Ph.D., UCSC	
Min Wu, Ph.D., DTSC			
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

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

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. The draft OU-1 Closeout Report (with Well Destruction Completion Report included as an Appendix) was submitted to the Agencies for review on 15 September 2017. Comments on this primary deliverable are due by 17 November 2017. Note that much of the main text has been presented in previous documents and will be familiar. Appendix A is the *Attainment Monitoring Evaluation and Summary for EPA Designated Emerging Contaminants in Operable Unit 1 Groundwater, Fritzsche Army Airfield, Former Fort Ord, California* submitted by the BRAC Office in August 2016; this document is included for reference and was not changed. The only entirely new material is Appendix B, which describes the well destruction and treatment plant decommissioning that was performed in July.

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

Army comments on the report presenting the rare plant survey results for the 3<sup>rd</sup> year monitoring of wells destroyed in 2014 and the pre-destruction survey for the wells were destroyed in 2017 were addressed and the report was submitted to the U.S. Fish and Wildlife Service and California Department of Fish and Wildlife for review.

## **Other Topics**

- The BRAC Office / Army / Regulatory Agencies discussion on the possibility of a partial deletion from the Fort Ord Superfund site for OU-1 is suspended indefinitely.
- The next BCT meeting has not been scheduled.
- Maeve Clancy will be out from January – April 2018. EPA will identify a temporary replacement.

## **OU-1 Action Items:**

- Submit draft and final minutes for previous BCT meeting(s)—Final minutes through September 2017 have been uploaded. The draft minutes for September were accepted as written by RWQCB and are being reviewed by EPA and DTSC.

**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>			
Draft OU-1 Closeout Report	18 Sept 2017	17 Nov 2017	Draft submitted 15 December and is being reviewed.
Draft Final OU-1 Closeout Report	11 Dec 2017	17 Jan 2018	
Final OU-1 Closeout Report	24 Jan 2018	None	
<i>Secondary Deliverables</i>			
None			Biological monitoring reports only.
<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.
Final Work Plan FONR Well Destruction and NWTs Treatment Plant Decommissioning	24 May 2017	26 June 2017	Submitted 08 July 2017. Draft Final omitted.