

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

**OU-1 On-Post Activities for 05 August through 07 September 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	X	Noel Shrum, DTSC	
Bonnie McNeill, USACE	X	Grant Himebaugh, RWQCB	X
Cory Koger, USACE		Vlado Arsov, DTSC	X
Jonathan Whipple, USACE		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, Burlson	X
Melissa Broadston, Chenega <sup>1</sup>	X	Steve Crane, Kemron	
Bart Kowalski, Chenega <sup>1</sup>	X	Erin Caruso, Gilbane	X
Cary Stiebel, Chenega <sup>1</sup>		Larry Friend, Gilbane	
Tom Ghigliotto, Chenega <sup>1</sup>	X	Kevin Siemann, Gilbane	
Maeve Clancy, EPA	X	Katie Christianson, Burlson	
Bridget Floyd, USACE		Roy Evans, HGL	X
Charity Meakes, USACE	X	Megan Matteazzi, HGL	
Steve Sterling, DTSC	X	Gage Dayton, Ph.D., UCSC	
Min Wu, Ph.D., DTSC	X		
X = attended in person or by telephone; blank indicates absent from the meeting			

**Notes:**

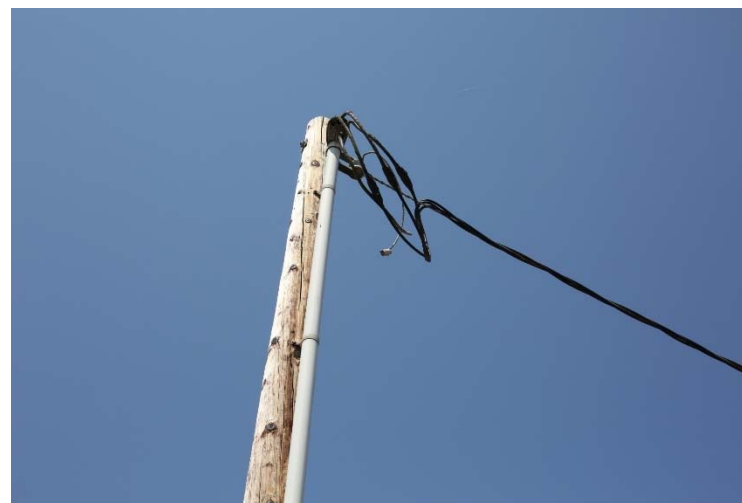
<sup>1</sup>Chenega staff supporting the BRAC  
Ahtna = Ahtna Engineering Services  
BRAC = Base Realignment and Closure Fort Ord Office  
CB&I = Chicago Bridge & Iron, Inc.  
DTSC = California Department of Toxic Substances Control  
EPA = U.S. Environmental Protection Agency  
HGL = HydroGeoLogic, 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

The former northwest treatment system (NWTs) site was inspected for the last time on 31 August 2017. No unusual conditions were observed at the former treatment site except for broken neutral service on the PG&E power pole. HGL reported that problem to PG&E on 05 September 2017 and PG&E notified us by text that they repaired it the same day.



Site Conditions 31 August 2017



Broken Neutral Service Before Repair

## Reporting/Federal Facility Agreement Schedule

The status of ongoing and anticipated reports for OU-1 is summarized in Table 1. The proposed Closeout Report is a primary document and will be submitted by 18 September 2017. The submittal schedule is presented in Table 1. The Well Destruction and NWTs Decommissioning Report will be included as an Appendix in the Closeout Report.

## OU-1 Rare Plant Monitoring

The BRAC Office submitted the 2016 Rare Plant Survey Report to the USFWS and CDFW. The biological monitoring and habitat report for the 2017 baseline rare plant survey at the destroyed wells and the third-year survey at the sites monitored after the 2014 well destruction effort is being prepared for Army review. Monterey spineflower populations were widespread and abundant in comparison

to past results. The area along the northwest boundary road encompassing most of the OU-1 wells fell within population polygons; only isolated plants were observed in this area in the past.

### **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 will remain on hold for the near future. EPA Headquarters Office is very interested in doing partial deletions but for the foreseeable future they are not willing to delete any site where PFOA or PFOS exceeds the current Health Advisory. This item is suspended indefinitely.
- The Five Year Review will be signed by the end of this month.
- Upcoming BCT meetings are 11 October and 08 November All meetings are on Wednesdays at 1330 PCT.
- 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 August 2017 have been uploaded. The draft minutes for July were accepted 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><b>Primary Deliverables</b></i>			
Draft OU-1 Closeout Report	18 Sept 2017	17 Nov 2017	Proposed schedule for discussion at BCT meeting. Includes Well Destruction Report as an Appendix.
Draft Final OU-1 Closeout Report	11 Dec 2017	17 Jan 2018	
Final OU-1 Closeout Report	24 Jan 2018	None	
<i><b>Secondary Deliverables</b></i>			
None			Biological monitoring reports only.
<i><b>Completed Recent Submittals</b></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.