

**Former Fort Ord Operable Unit (OU)-1 – BRAC Cleanup Team (BCT) Meeting
Final Minutes
Groundwater Remediation, Well Destruction, and Treatment Plant Decommissioning
Marina, California
06 March 2018**

OU-1 On-Post Activities for 03 February to 02 March 2018
Prepared by HydroGeoLogic, Inc., Roy Evans, Project Manager

Attendees:

Individual	Attended?	Individual	Attended?
Tom Savage, USACE	X	Steve Sterling, DTSC	X
Laura Becia, USACE		Min Wu, Ph.D., DTSC	X
Alex Kan, USACE	X	Noel Shrum, DTSC	
Bonnie McNeill, USACE	X	Kimberly Gettman, DTSC	
Cory Koger, USACE		Vlado Arsov, DTSC	X
Jonathan Whipple, USACE	X	Roman Racca, DTSC	X
David Eisen, USACE		Sheila Soderberg, RWQCB	X
Donald Sumner, USACE	X	Grant Himebaugh, RWQCB	X
Bridget Floyd, USACE	X	Judy Huang, EPA	X
Charity Meakes, USACE		Holly Dillon, Ahtna	X
Curtis Payton, USACE		Brad Clarke, Ahtna	
Kyle Lindsay, USACE	X	Derek Lieberman, Ahtna	X
William Collins, BRAC	X	Erin Caruso, Gilbane	X
Cary Stiebel, Chenega ¹		Steve Crane, Kemron	X
Tom Ghigliotto, Chenega ¹	X	Thor Anderson, Burleson	X
Bart Kowalski, Chenega ¹	X	Kayti Christianson, Burleson	
Melissa Broadston, Chenega ¹	X	Jeff Fenton, AMEC	X
Chieko Nozaki, Chenega ¹	X	Roy Evans, HGL	X
Betsy Hibbits, Chenega ¹	X		
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

Reporting/Federal Facility Agreement Schedule

All documents needed to support the OU-1 closure have been submitted as final. The submittal history of the recent OU-1 technical reports is summarized in Table 1.

The only remaining OU-1 deliverable is the 2017 Habitat Impact and Rare Plant Survey Report. This report was submitted by the Base Realignment and Closure (BRAC) Office to the U.S. Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW) for final review. HGL presented a summary of the report to the USFWS, CDFW, and others at the meeting held in the BRAC Office on 21 February.

Other Topics

- HGL attended the February BCT, the groundwater Community Involvement Workshop, and the Technical Review Committee meeting (02 – 06 February).
 - There was only one question regarding OU-1 during the Technical Review Committee meeting held on 06 February. HGL explained that the significant shrinkage in plume footprint from 2011 to 2012 resulted from (a) converting well IW-OU1-10-A from a monitoring well to an extraction well, and (b) spacing of monitoring well network (large distance from trailing edge well to next monitoring point).
- 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.
- This is the last BCT meeting where HGL will participate. Coordination with the Army to complete the 2017 Habitat Report will occur through bi-weekly status calls, as needed. HGL expressed their appreciation for the professionalism, teamwork, and cooperation shown by the BCT during the OU-1 remediation and closure effort.

OU-1 Action Items:

- Submit draft and final minutes for previous BCT meeting(s)—Final minutes through February 2018 have been uploaded to the ftp site.
- HGL checked with the OU-1 laboratory about retrieving archived samples to report carbon tetrachloride results in OU-1 wells of interest. The laboratory (TestAmerica) maintains records for 5 years but the OU-1 wells nearest to the carbon tetrachloride plume were last sampled in September 2012 or earlier.

Table 1
Completed Deliverables
Former Fort Ord, Marina, CA

Deliverable Title	Submittal	Review Comments Due	Status/Remarks
<i>Primary Deliverables</i>			
Final Closeout Report	12 December 2017	None	Agencies and Army concurred that Draft Final version could be omitted. Comments were addressed satisfactorily and Final Report submitted ahead of FFA schedule.
<i>Secondary Deliverables</i>			
Final Work Plan FONR Well Destruction and NWTS Treatment Plant Decommissioning	24 May 2017	26 June 2017	CDFW approved comment responses; Final submitted on 10 July 2017.
<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 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.
Draft Work Plan FONR Well Destruction and NWTS Treatment Plant Decommissioning	24 May 2017	26 June 2017	Comments received and are being addressed.
Draft Closeout Report	18 Sep 2017	17 Nov 2017	Submitted 15 September 2017.

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.