

**Fort Ord HTW BCT Meeting – Operable Unit 1 (OU-1) On-Post
1:00 PM, 17 March 2009
Monterey, California**

**MEETING MINUTES
(prepared by HydroGeoLogic, Inc.)**

Meeting minutes for the on-Post portion of the OU-1 groundwater remediation are presented below. Roy Evans of HGL participated by phone. The list of attendees is included as Attachment A.

1. Groundwater Remediation System Update

The Northwest Treatment System (NWTS) has operated continuously since the last update at the BCT meeting on 18 February 2009. Total volume pumped through 09 March 2009 is 87,071,300 gallons. The average weekly treatment rate (84.2 gallons per minute) over the last three weeks has been very stable and ranged between 83.0 gallons per minute and 85.3 gallons per minute. Through 09 March, 2009, the NWTS has removed approximately 3.45 pounds (0.28 gallons) of TCE and 0.3 pounds (0.03 gallons) of cis-1,2-DCE.

The routine bi-monthly performance samples from the treatment system and extraction wells were collected on 11 March 2009. Results are not yet available. TCE and cis-1,2-DCE concentrations reported in 2008 – 2009 for all extraction wells are summarized in Table 1.

2. Long Term Monitoring Update

1st Quarter 2009 LTM samples were collected during the week of 09 – 13 March (last week). The first quarter sampling includes those monitoring wells sampled on semi-annual and quarterly frequencies. Preliminary results are not yet available.

3. Report Submittals

The 2008 quarterly (1st and 3rd) and 2007 and 2008 Annual LTM reports are in preparation. These reports are secondary deliverables. To provide the most current validated data to the BCT in a timely manner, HGL proposes to submit the LTM reports in the following sequence:

The 2008 Third Quarter LTM Report (July – September) was submitted on 10 March 2009. Additional LTM Reports are scheduled as follows:

Draft 2008 Annual and Fourth Quarter Report:	March 2009
2008 First Quarter LTM Report:	April 2009
2007 Annual and Fourth Quarter Report:	April 2009
2009 First Quarter LTM Report:	June 2009

During the May 2006 BCT meeting it was agreed that comments on the 1st – 3rd Quarter Reports would be addressed in the Annual and 4th Quarter Report. The above sequence for the 2007 and 2008 reports was discussed and agreed upon during the February BCT meeting. The agreed submission schedule, however, inadvertently disrupts the comment response timetable previously adopted for the 1st – 3rd Quarter Reports. At present, agency comments have been received for only the 2nd Quarter 2008 LTM Report. HGL proposed and the agencies concurred that comments regarding the 1st – 3rd Quarter 2008 LTM reports will be submitted according to the following timetable:

2008 First Quarter LTM Report:	included in Final 2008 Annual and Fourth Quarter Report
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2008 Second Quarter LTM Report: included in Draft 2008 Annual and Fourth Quarter Report
2008 Third Quarter LTM Report: included in Final 2008 Annual and Fourth Quarter Report

It was noted that the Draft 2008 Annual and Fourth Quarter Report will include recommended modifications to the LTM sampling program to take effect in June 2009. It was agreed that these modifications will be discussed at the April and May BCT meetings, as necessary, to finalize the 2009 LTM program before the scheduled 2nd Quarter field effort (in June).

A letter indicating that the DTSC comments on the Final Hydraulic Control Pilot Project Construction Report have been resolved will be submitted upon confirmation that no further edits are needed to the water level contour map showing the concurrent on- and off-Post OU-1 plume. The water level contour map is not yet final.

Table 1

TCE and Cis-1,2-DCE in OU-1 FONR Groundwater Remediation System - Performance Monitoring

BCT Meeting for Former Fort Ord, Marina CA - 17 March 2009

Sample Date	Extraction Well								NWTS		
	Began Operation October 2007				Began Operation July 2006				INFLUENT	MIDPOINT	EFFLUENT
	MW-87	EW-71	MW-85	MW-46AD	EW-60	EW-62	EW-63	EW-66			
TCE (µg/L)											
11/9/2007	16	13	19	14	ND	ND	ND	1.7	11	ND	ND
1/18/2008	11	11	8.9	8.2	ND	ND	ND	1.2	6.0	ND	ND
3/18/2008	11	14	6.7	5.8	0.29	ND	ND	1.5	5.6	ND	ND
5/27/2008	9.7	18	2.5	6.1	ND	ND	ND	1.8	3.9	ND	ND
7/21/2008	9.1	14	4.4	3.4	0.78	ND	ND	1.4	3.6	ND	ND
9/29/2008	9.3	15	4.3	2.9	0.90	ND	ND	1.7	3.8	0.19	ND
12/1/2008	5.8	11	2.6	1.6	0.82	ND	ND	0.91	2.7	0.35	ND
1/26/2009	5.9	10	2.2	1.2	0.48	ND	ND	0.78	2.4	ND	ND
cis-1,2-DCE (µg/L)											
11/9/2007	1.9	1.6	2.3	1.70	ND	ND	ND	ND	1.3	ND	ND
1/18/2008	1.20	1.40	1.00	1.20	ND	ND	ND	0.11	0.66	ND	ND
3/18/2008	1.20	1.50	0.74	0.63	ND	ND	ND	ND	0.59	0.11	ND
5/27/2008	0.88	2.10	0.26	0.74	ND	ND	ND	ND	0.36	0.21	ND
7/21/2008	0.80	1.50	0.52	0.37	ND	ND	ND	ND	0.41	0.34	ND
9/29/2008	0.99	1.60	0.54	0.30	ND	ND	ND	0.13	0.42	0.42	0.12
12/1/2008	0.67	1.30	0.33	0.21	ND	ND	ND	ND	0.27	0.37	0.19
1/26/2009	0.63	1.20	0.29	0.12	ND	ND	ND	ND	0.26	0.24	ND
italics indicate data not yet validated											
Bold font indicates concentration > ACL											

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ATTACHMENT A

ATTENDANCE LIST

SUBJECT: HTW - BCT Meeting
March 17, 2009
1:00 p.m Fort Ord BRAC office

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March 17, 2009
1:00 p.m Fort Ord BRAC office

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