

HTW BCT Meeting Minutes for Operable Unit 1
Former Fort Ord, California
February 22, 2008

An HTW BCT meeting was held on 22 February 2008, at 9:00 AM in the BRAC Conference Room, Former Fort Ord, California. Attendees included the following representatives:

Gail Youngblood, Fort Ord BRAC	David Eisen, USACE
Bill Mabey, Tech Law	Stephen Pay, DTSC
Grant Himebaugh, RWQCB	Jen Moser (Shaw)
Bill Collins, Fort Ord BRAC	Roy Evans, HGL (phone)
Martin Hausladen, EPA	Mike Bombard, HGL
Derek Lieberman, AHTNA	Ed Ticken, MACTEC
Rob Robinson, Fort Ord BRAC	David Kelly, Shaw
Meg Stemper, MACTEC	

A summary of key discussions, issues and decisions/actions is presented below.

1. Groundwater Remediation Project Update

- The NWTS system is doing well. As shown on the handouts, the system pumped approximately 5.3 million gallons during this reporting period thus far and the treatment rate is averaging approximately 97 gallons per minute (gpm). Overall, the OU-1 GWETS has extracted over 39 million gallons. Approximately 1.9 pounds of TCE have been removed since startup. Based on samples collected on January 18, 2008, influent concentrations have dropped to about 6 µg/L (from ~ 11 µg/L), primarily because of a corresponding decrease in TCE concentrations from extraction wells MW-OU1-85-A and MW-OU1-46-AD. TCE concentrations in the other two FONR system wells (EW-OU1-71-A and MW-OU1-87-A) have remained steady at approximately 12 µg/L.
- The system shutdown triggered by the heavy rains of early January was resolved within a few days. However, the system is still plagued by periodic shutdowns resulting from plugging the bag filters with fine-grained sediments. The system has been off-line for approximately the last 36 hours because of the most recent episode; it should be operational again this afternoon. Typically, the bag filter shutdowns are rectified within 24 hours. NWTS was operational approximately 82 percent of the time over the last month.
- The TCE concentrations in the NWTS boundary pumping wells continue to decline or remain near ND. The January 2008 samples from wells EW-OU1-60-A; EW-OU1-62-A; and EW-OU1-63-A showed TCE at ND levels while EW-OU1-66-A showed only 1.2 µg/L of TCE. Monitoring wells along the NW border continue to meet the ACL targets as TCE is found only at very low TCE levels (ND or less than 1 µg/L) in the wells screened across the full saturated thickness of the A-Aquifer. Of the the two boundary wells that are screened only in the deeper channel fill interval, MW-OU1-61-A continued to show TCE at 13 µg/L while MW-OU1-67-A saw TCE decline to 2.3 µg/L (from 3.2 µg/L in the previous sample).

- The most recent influent sample for which HGL has laboratory results was collected on January 18, 2008 and revealed a detected TCE concentration of 6 µg/L. The mid point and effluent concentrations remained at “non-detect” (the method detection limit is 0.5 µg/L).
- Based on the measured flow rates and TCE concentrations, the system has removed approximately 1.9 pounds of TCE since operation began.
- The average total pumping rate was approximately 46.7 gallons per minute (gpm)

2. Quarterly LTM Status Reports

- Validated laboratory analytical data for Y4Q4 should be received any day. Report preparation for the Annual/Quarterly LTM Y4Q4 report is in progress. The report is tentatively scheduled to be submitted in March.

3. Other Submittals

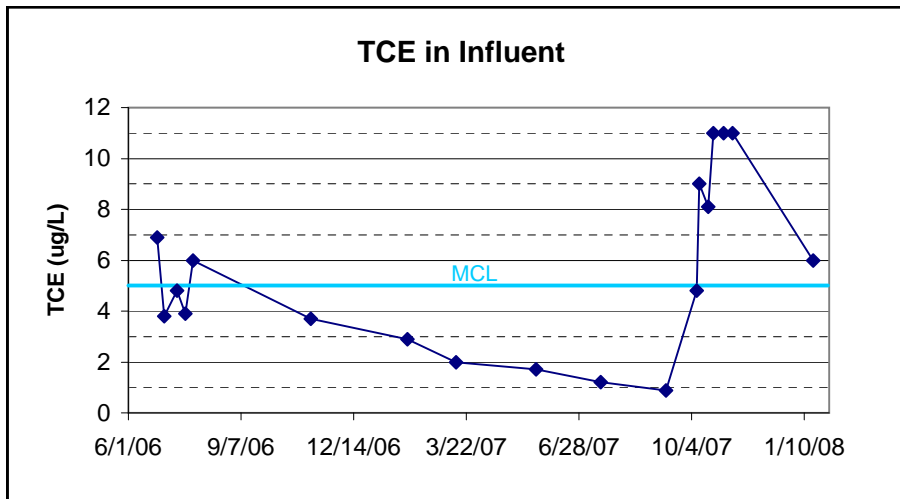
- Comments have been received on the Final Interim HCPP Construction Report and comment responses are being prepared.
- The Draft FONR Construction Report was submitted on 30 January 2008.
- The 2007 Annual FONR Impact and Rare Plant Survey Report will be submitted next week. Bill Collins has already reviewed the preliminary draft.

That concluded the discussion of HGL efforts on OU-1. The next meeting is scheduled for 12 March 2008 at 1:00 PM.

**Fort Ord OU-1
Northwest Treatment System Operational Summary
February 22, 2008 BCT Meeting**

Date	Influent TCE Concentration (µg/L)	Volume Treated (gal)	Mass Removed (lb)
6/27/06-7/1/06	6.90	190,000	0.011
7/2/06-7/12/06	3.80	781,680	0.025
7/13/06-7/19/06	4.80	425,980	0.017
7/20/06-7/26/06	3.90	371,170	0.012
7/27/06-9/29/06	6.00	3,497,030	0.175
9/30/06-1/29/07	3.70	5,514,470	0.170
1/30/07-3/13/07	2.90	2,351,090	0.057
3/13/07-5/22/07	2.00	3,698,570	0.062
5/22/07-7/16/07	1.70	2,571,340	0.037
7/17/07-9/11/07	1.20	2,833,230	0.028
9/12/07-10/07/07	0.88	1,035,270	0.008
10/8/07-10/11/07	4.80	345,910	0.014
10/11/07-10/17/07	9.00	897,440	0.067
10/18/07-10/22/07	8.10	468,080	0.032
10/23/07-1/17/07	11.00	10,520,280	0.966
1/18/08-2/14/08	6.00	3,765,080	0.189
Total Volume Pumped (gal)			39,266,620
Total Mass Removed (lb)			1.87
Average Pumping Rate (gpm)			46.71

Date	Influent Totalizer FI-131 Reading	Gallons since previous reading	Average Rate (gpm)	%Uptime
1/14/2008	34917120	989,460	56.8	55
1/18/2008	35501540	584,420	104.0	100
1/23/2008	36243610	742,070	105.0	100
1/29/2008	37091230	847,620	97.9	97
2/4/2008	37761530	670,300	77.8	72
2/9/2008	38550190	788,660	104.6	100
2/14/2008	39266620	716,430	102.9	100
Period Total Gallons Treated				5,338,960
Period Average Pumping Rate (gallons per minute)				97.2
Period % Uptime				81.7



Total Gallons of Groundwater and Pounds of TCE Extracted OU-1 Northwest Treatment System

