

**PROGRESS REPORT  
HOOKER/RUCO SITE  
HICKSVILLE, NEW YORK**

Reporting Period: May 2002

1. Progress Made This Reporting Period

- "Issued For Construction" documents for the add-on vapor phase GAC treatment system for the VCM detected in well GP-3 were provided to the selected contractor (i.e., Blue Water Environmental, Inc.) on January 22, 2002. The status of the contractor submittals received by the end of May 2002 are:

<i>Submitted</i>	<i>Date Received</i>	<i>Date Approved By GSHI</i>
Duct Damper	February 14, 2002	February 22, 2002
Shop Drawing		
Schedule	January 26, 2001 (Original) February 8, 2002 (Revised)	February 11, 2002
HASP	February 14, 2002	March 15, 2002
SOPs	March 15, 2002	April 5, 2002

Construction started the week of April 8, 2002. In May, the GAC units were installed and filled with carbon, the blower and ducts were installed, and the insulation and electrical work was started.

- Testing of MW-50J2 and MW-50D1 was performed from May 9 to May 16 and on May 20. No air could be injected into well MW-50D1 because the screen is set in an interval with fine-grained soil (i.e., silt and clay). Because no air could be injected into MW-50D1, preliminary testing of MW-50D2 was performed from May 21 to May 24, 2002 with air/helium to determine if air could be injected into MW-50D2 prior to testing MW-50D2 with the enhancement of diammonium phosphate (DAP). Air was able to be injected into MW-50D2. Testing of Well F2 started on May 30, 2002.
- As of the end of May, the following groundwater monitoring wells were installed with the monitoring intervals shown.

<i>Well</i>	<i>Depth of Borehole (ft bgs)</i>	<i>Monitoring Intervals (ft bgs)</i>
MW-64	300	175 to 195, 245 to 265, and 285 to 305
MW-63	355	175 to 195, 210 to 230, 245 to 265, and 280 to 300
MW-62	455	260 to 280, 325 to 345
MW-61	405	165 to 185, 200 to 220, 265 to 285, and 360 to 380
MW-60	385	180 to 200, 225 to 245, 275 to 295, and 325 to 345
MW-59	515	395 to 415, 460 to 480, and 495 to 515
MW-58	515	395 to 415, 460 to 480, and 495 to 515
MW-66	505	

Isoflow groundwater sample analytical results for wells MW-58 to MW-64 showed that VCM was detected at 440 µg/L in well MW-61 and was not detected in wells MW-58 and MW-59, located approximately 1,700 feet downgradient of MW-61. To refine the downgradient extent of the VCM subplume, it was decided to install an additional well (MW-66) at approximately the midpoint between MW-61 and MW-58/MW-59.

The wells in the MW-62 and MW-66 locations will be developed in June after the MW-66 well is installed.

- Nineteen wells were sampled for select natural attenuation parameters from October 2 to 12, 2001. A copy of the results and QA/QC review were submitted on January 29, 2002. Based on the preliminary evaluation of the results, suggested enhancements to the scope of the OU-3 Predesign Activities were submitted to the EPA on March 11, 2002. Discussions regarding the proposed enhancements were held on April 9, 2002. EPA comments were received on May 3, 2002 and responses to the comments were submitted on May 15, 2002. It is anticipated that testing using the enhancements will commence the week of June 17, 2002.
- GSHI representatives were on-site May 29, 2002 to inspect the progress of the well installation, construction of the GP-1/GP-3 treatment system upgrade, and of the biosparge testing activities.

## 2. Upcoming Events – June 2002

- Complete installation of the first phase of groundwater monitoring wells the week of June 17, 2002.
- Develop well nests MW-62 and MW-66.
- Survey the newly installed wells on June 20, 2002.
- Prepare to sample the newly installed wells (MW-58 to MW-64 and MW-66) and the existing MW-53, MW-56, and MW-57 well nests. Pursuant to EPA's request, wells will not be sampled until 2 weeks after the date that well development was completed. It is anticipated that well sampling will start on June 17, 2002.
- Awaiting EPA comments on OU-1 RA Implementation Report submitted on March 18, 2002.
- Finish biosparge testing of well F2 and continue the biosparge testing of the remaining existing wells (i.e., MW-50D2, K2, and MW-52D).
- Awaiting EPA approval on the proposed enhancements to the biosparge testing of the existing wells. It is planned to start testing well MW-50D2 with the DAP enhancement the week of June 17, 2002. To obtain the DAP and other equipment needed to test MW-50D2, EPA approval of the enhancements is needed by June 10, 2002.
- Continue construction and startup of the supplemental treatment system for the VCM at GP-3.