

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

Reporting Period: June 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 June 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 June, the installation, insulation, and electrical work was completed except for the insulation jacket, some permanent supports, and a starter switch on the blower. Started preparation of a start-up plan and operation, monitoring and maintenance plan. It is expected to submit the plans to Northrop by July 12, 2002.

- Testing of Well F2, which started on May 30, 2002, was completed. Testing of MW-50D2 was performed from June 17 to 25.
- As of the end of June, 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	290 to 310, 350 to 370, and 450 to 470

The wells MW-66I/D1/D2 will be developed and well MW-62I will be redeveloped on July 2 and 3, 2002.

- The wells were surveyed on June 20, 2002 except for MW-66D2 and MW-66I/D1 for which the surface installation (i.e., flush mount curb box) had not yet been completed.
- Wells MW-52S/I/D, MW-57S/I, MW-53I/D2, MW-58D/D1/D2, MW-59D/D1/D2, MW-61D2, MW-61S/I/D1, MW-62D, and MW-63S/I/D1/D2 were sampled in June. It was planned to sample wells MW-56S/I and MW-53D1. Wells MW-56S/I could not be located. The GSHI on-Site representative was informed by a U.S. Postal employee that the section of the road in which the wells were located was rebuilt (i.e., excavated and new sub-base and asphalt installed) in the fall of 2000. GSHI was not notified by the Town of Oyster Bay of such activity. Because of the excavation, it is believed that even if the wells could be located, they are likely damaged and/or infilled and unable to be sampled. Also, because of a bend in the pipe of MW-53D1 below ground, the sampling pump could not be lowered into the water within the well and the well could not be sampled.
- 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. EPA approval of the enhancements was received on June 17, 2002.
- GSHI representatives participated in the June 26 Technical Advisory Committee (TAC) meeting. The representatives also inspected the progress of the well installation and sampling, construction of the GP-1/GP-3 treatment system upgrade, and of the biosparge testing activities.
- Modifications to the OU-3 HASP were submitted to the EPA on June 14, 2002.

2. Upcoming Events – July 2002

- Awaiting EPA comments on OU-1 RA Implementation Report submitted on March 18, 2002.
- Sample wells E-1 and F-1 to determine groundwater concentrations prior to injecting 16,000 ± gallons of water into Sump 1 using the installed infiltration piping. The injection is scheduled for August 2002.
- Develop wells MW-66I/D1/D2 and redevelop well MW-62I on July 2 and 3, 2002.
- Complete sampling the newly installed wells MW-60D1, MW-60S/I/D, MW-62I, MW-64S/I/D, MW-66D2, and MW-66I/D1. Pursuant to EPA's request, wells will not be sampled until 2 weeks after the date that well development was completed.
- Complete the biosparge testing of the remaining existing wells (i.e., K2 and MW-52D).
- Complete construction of the supplemental treatment system for the VCM at GP-3. Submit ~~start-up plan and operation, monitoring and maintenance plan~~ to Northrop by July 12, 2002.
- Survey wells MW-66D2 and MW-66I/D1 the week of July 8, 2002.