

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

Reporting Period: February 2002

1. Progress Made This Reporting Period

- Construction for the OU-1 remedial actions started on December 3, 2001 and was completed on January 22, 2002 with the rehabilitation of the excavated area (i.e., fence replacement). Preparation of the OU-1 RA Implementation Report continued during the month with anticipated completion in March.
- "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 in February 2002 are:

<i>Submitted</i>	<i>Date Received</i>	<i>Date Approved By GSHI</i>
HASP	February 14, 2002	Not Yet Approved To be Re-submitted by March 4, 2002
Duct Damper Shop Drawing	February 14, 2002	February 22, 2002
Schedule	January 26, 2001 (Original) February 8, 2002 (Revised)	February 11, 2002

Also, the GAC units and blower were ordered. It is anticipated that construction will start on or about April 15, 2002 pending timely receipt of contractor submittals and the availability of the system components.

- A revised OU-3 QAPP was submitted on November 1, 2001. Additional minor EPA comments were received on January 4, 2002. The revised QAPP tables which addressed the EPA comments were submitted on January 21, 2002 with the responses to the ARCADIS comments received December 26, 2001 on the Operable Unit-3 Predesign activities. Written EPA approval for the QAPP was received on February 8, 2002.
- EPA comments were received on January 9, 2002 on the HASP submitted on December 19, 2001. A revised HASP for the OU-3 well installation activities was submitted on January 25, 2002 with verbal approval received on January 31, 2002. Written EPA approval with optional suggestions and items for consideration were received on February 7, 2002. A response identifying which options were incorporated into the HASP was submitted to the EPA on February 28, 2002.

An addendum to this HASP for the biosparge testing of existing wells will be submitted in the near future.

- Mobilization by the driller (i.e., Prosonic Corporation) to the Site occurred on February 4, 2002 for installation of the first phase (i.e., MW-58 to MW-64) of the OU-3 predesign wells. In February, 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-61	355	165 to 185, 200 to 220 and 265 to 285. Intervals at greater depth to be determined.
MW-60	385	To be determined.

A request was submitted to EPA November 30, 2001 to delete geophysical logging if the Rotasonic method of well installation was selected. Verbal EPA approval was received on December 7, 2001.

A request to use bentonite chips rather than pellets for the monitoring well annular space seals and to use the Isoflow method rather than Hydropunch method to collect groundwater samples during borehole drilling was submitted on January 18, 2002. Written EPA approval was received on February 8, 2002.

A request to move the location of well MW-60 was submitted on January 22, 2002 with verbal approval received on January 31, 2002. Written EPA approval was received on February 8, 2002. The move was requested by Northrop on whose property the well will be 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, possible enhancements to the scope of the OU-3 Predesign Activities are being evaluated and will be submitted to the EPA for concurrence in the near future.
- Pursuant to EPA's request of January 18, 2002, a revised Scope of Work for the Operable Unit-3 Predesign Activities was submitted on January 23, 2002. The Scope of Work was revised to incorporate EPA comments received to January 23, 2002 and included an updated schedule. Written EPA approval of the revised Scope of Work was received on February 8, 2002.
- GSHI and CRA representatives participated in the Technical Advisory Committee meeting held on February 21, 2002 at the Northrop facility. GSHI (on behalf of OxyChem) volunteered to make a brief presentation at the next TAC meeting concerning history, progress and status of the Ruco site.

2. Upcoming Events – March 2002

- Complete installation of the first phase of groundwater monitoring wells. It is anticipated that the first phase will be completed on or about March 31, 2002.
- Prepare to sample the newly installed wells (MW-58 to MW-64) and the MW-53, MW-56, and MW-57 well nests. Pursuant to EPA's request, a particular well will not be sampled until 2 weeks after the date that well installation and development was completed.
- Complete and submit to EPA the Implementation Report for the OU-1 Remedial Action.
- Submit to EPA a description of the proposed enhancements to the biosparge testing of the existing wells.
- Submit to EPA an addendum to the OU-3 HASP for the biosparge testing of the existing wells.
- Review contractor submittals for construction of the supplemental treatment system for the VCM at GP-3. Construction is scheduled to start on or about April 15, 2002.
- Complete evaluation of the results of the groundwater samples from 19 wells for natural attenuation parameters.
- Complete arrangements to perform the OU-3 predesign testing of existing wells. On-site activities for the predesign testing is scheduled to start on or about April 1, 2002.