

TO: Ed Tokarski
Rohm and Haas Company

FROM: Jim M. McDade
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RE: Monthly Status Report, October 2008, Charlie Burch Site, Spring, Texas.
VCP No. 421.

Activities Completed During October 2008

The following activities were conducted during the subject reporting period:

- **Groundwater Pump-and-Treat System in Source Area:** Completed the bi-weekly system operation, maintenance, and monitoring site visits on 10 and 24 October 2008. Continued to collect additional information and data on the performance of the source area pump and treat system.
- **Groundwater Pump-and-Treat System on the 13-Acre Tract:** Completed monthly and annual operation and maintenance site inspection on 30 October 2008.
- **Plume Remediation (MaxOx Pilot Study):** Conducted the final (third round) performance sampling event on 1 October 2008.
- **Plume Remediation (Enhanced Anaerobic Biodegradation [EAB] Pilot Study):** Conducted the 1.5-month post-EAB injection sampling event from 2 to 6 October 2008. Procured a microbiological culture conditioned to 1,2-DCA for injection into the EAB pilot study injection wells once groundwater geochemistry is deemed suitable for the culture.
- **Comprehensive Groundwater Monitoring Event:** Conducted the Charlie Burch comprehensive groundwater monitoring program from 13 to 21 October 2008. Groundwater samples were collected from a total of 54 wells screened in the upper groundwater bearing unit (Zone A) and 12 wells screened in the lower groundwater bearing unit (Zone B). In addition, two water supply wells screened in a deeper groundwater bearing unit were sampled on the Rummell and Wert properties.
- **Information Website:** Continued to update project information on the website at URL: <http://charlieburchproject.com/>.
- **Innocent Owner/Operator Program (IOP) Certificates:** Completed discussions with the Southwestern University (SWU) property owner and SWU's legal counsel regarding the SWU IOP application. Complete revisions to the SWU IOP application and adjacent property owner notification letters.

Activities Planned for November 2008

The following activities are planned during the next reporting period:

- **Groundwater Pump-and-Treat System in Source Area:** Continue system operation and evaluation of system performance as part of optimization efforts. Finalize the approach to collect soil and groundwater samples in the source area of the plume and to collect aquifer hydraulic data to assess optimization options for the source area system.
- **Groundwater Pump-and-Treat System on the 13-Acre Tract:** Continue system operation, perform annual pump maintenance activities, and conduct monthly operation and maintenance site inspection.
- **Plume Remediation:** Ongoing evaluation of both the EAB and MaxOx pilot studies will be performed as follows:
 - Begin evaluation of pilot study groundwater data.
 - Inject the microbiological culture pre-conditioned to degrade 1,2-DCA into the injection wells during the second week in November.
 - Groundwater performance monitoring for 3 months after the EAB injection is scheduled for 18 November 2008.
- **Comprehensive Groundwater Monitoring Event:** Begin tabulating groundwater sampling results and static water level elevations for the comprehensive groundwater sampling event.
- **Information Website:** Continue to operate website to provide information regarding work at the Charlie Burch site.
- **Innocent Owner/Operator Program (IOP) Certificates:** Submit the SWU property IOP application to the TCEQ and issue adjacent property owner notification letters in early November.