

TO: Rick Wenzel
The Dow Chemical Company

FROM: Jim M. McDade
GSI Environmental Inc.

RE: Monthly Status Report, December 2013, Charlie Burch Site, Spring, Texas.
VCP No. 421.

Activities Completed During December 2013

- **Groundwater Pump-and-Treat System in Source Area:** The bi-weekly system inspections were conducted on 2, 13, and 27 December 2013. The monthly operation and maintenance (O&M) inspection was completed on 18 December 2013. The system was operating normally and all pumps were operational. In accordance with the approved management of change for the Source Area blower unit (MOC 013-003), the redundant blower motor contactor interlock relay was removed on 21 December 2013.
- **Groundwater Pump-and-Treat System on the 13-Acre Tract:** A monthly O&M site inspection was performed on 18 December 2013. The system was operating normally.
- **Plume Remediation Activities:** Continued to evaluate results of the Phase 1 and 2 Enhanced Anaerobic Bioremediation (EAB) semi-annual groundwater sampling conducted in November 2013.

Installation of Phase 5 EAB injection and monitoring wells was completed on 5 December 2013. Substrate injections were initiated on 4 December 2013 into Transect A wells (injection transect nearest to 13-Acre Tract System).

Continued Phase 4 EAB (Rummell property) design and planning, and continued communicating with Productioneered Parts Corporation regarding renewal of the site access agreement for the Rummell property to enable Phase 4 EAB activities to be performed.

- **Comprehensive Groundwater Monitoring:** Continued to evaluate groundwater monitoring data for the annual report due in February 2014.
- **Miscellaneous:** Received comments and a revised access agreement draft from the Source Area landowner's (XOG's) attorney on 31 December 2013 regarding the need to place documentation in the deed records under 30 TAC 350.13(h).
- **Public Communications and Information Website:** The project website (see below for link) continued to be updated with the prior period's monthly progress report and other relevant documents.

Link to website: <http://charlieburchproject.com/>

Activities Planned for January 2014

The following activities are planned during the next reporting period:

- **Groundwater Pump-and-Treat System in Source Area:** The groundwater recovery system will continue to operate per its O&M manual, and the system inspection and effluent sampling will be performed on a bi-weekly basis.
- **Groundwater Pump-and-Treat System on the 13-Acre Tract:** The system will continue to operate per its O&M manual, and routine maintenance activities during the monthly site inspection will be performed.
- **Plume Remediation Activities:** Discussions related to access agreement and remediation alternatives for the portions of the plume underlying the Wert property (Phase 3 EAB) will be continued, to extent practical. A meeting with the Rummell (Productioneered Parts) property owners to discuss access to the site during remedial activities will continue to be pursued. Design investigations and studies for the Phase 4 EAB response actions will be continued to the extent possible.
- **Comprehensive Groundwater Monitoring:** Continue evaluating the annual groundwater sampling event results and begin preparing the annual monitoring report.
- **Public Communications and Information Website:** The information on the project website will continue to be updated and maintained with the most recent information submitted to TCEQ.