

TO: Rick Wenzel
The Dow Chemical Company

FROM: Jim M. McDade
GSI Environmental Inc.

RE: Monthly Status Report, April 2016, Charlie Burch Site, Spring, Texas. VCP No. 421.

Activities Completed During April 2016

- ***Groundwater Pump-and-Treat System in Source Area:*** The monthly operation and maintenance (O&M) inspection was performed on 30 April 2016. Bi-weekly system inspections were conducted on 8 and 29 April 2016. Daily pH readings were measured using rented field equipment until 19 April 2016, when the in-line pH meter was replaced. The assessment of damages to the source area control building related to the vandalism at the end of March was completed and restoration activities and procurement of replacement components (laptop, air conditioner, etc.) were initiated.
- ***Groundwater Pump-and-Treat System on the 13-Acre Tract:*** The monthly O&M site inspection was performed on 30 April 2016. The system was operating normally during the monthly inspection.
- ***Plume Remediation Activities:*** Continued to develop and prepare a Workplan documenting the design of the Phase 4 Enhanced Anaerobic Bioremediation (EAB) response action. Semiannual groundwater sampling at sentinel wells MW-CB-40, MW-CB-44, MW-CB-45, and MW-CB-48, which was originally scheduled for 21 April 2016, was postponed due to inclement weather and access issues due to flooding.
- ***Miscellaneous:*** The draft access agreement with the Source Area landowner's (XOG) was updated and returned to XOG for their review and possible execution. This agreement formalizes the conditions of access for continuing the remediation on the source area property and provides language for XOG to apply a Deed Notice for on-going groundwater response actions for their property.
- ***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, including the 2015 Annual Groundwater Monitoring Report. Annual notification letters regarding availability of the 2015 Annual Groundwater Monitoring Report to affected property owners and those individuals on the project's contact list were prepared and will be mailed by delivery confirmation in the next reporting period.

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

Activities Planned for May 2016

The following activities are planned during the next reporting period:

- ***Groundwater Pump-and-Treat System in Source Area:*** The system will be monitored for continued operation per its design, and routine inspections and maintenance activities during the monthly site inspection will continue. The electrical control building repairs will be completed upon receipt of the parts anticipated by the end of May, and the air stripper trays will be pressure washed.
- ***Groundwater Pump-and-Treat System on the 13-Acre Tract:*** The system will be monitored for continued operation per design.
- ***Comprehensive Groundwater Monitoring:*** Semiannual groundwater sampling at sentinel wells MW-CB-40, MW-CB-44, MW-CB-45, and MW-CB-48, which was postponed in April due to inclement weather, was rescheduled. The semiannual sentinel well groundwater sampling is tentatively rescheduled for 11 May 2016 pending acceptable weather and site conditions. In addition, a static water level survey will be conducted on sentinel wells MW-CB-39 through MW-CB-48, OBS-1, and OBS-2.
- ***Plume Remediation Activities:*** Continue developing and preparing a Workplan documenting the design of the Phase 4 EAB (Rummell) response action for TCEQ review. Begin preparation of the modification to the UIC authorization for the injection into the infiltration trench planned as part of Phase 4 EAB. Prepare a response to the TCEQ's 15 April 2016 letter regarding clarification of the 15-year remediation timeframe. Plan and perform semiannual EAB performance monitoring for Phases 1, 2 and 5 in the next (May) period.
- ***Public Communications and Information Website:*** The information on the project website will be updated and maintained with the most recent information submitted to TCEQ.