

Issued: November 8, 2018

TO: Brad Wilkinson
The Dow Chemical Company

FROM: Joshua McFarlain (Jacobs), with input from Brian Vanderglas (Parsons)

RE: Monthly Status Report October 2018
Charlie Burch Site, Spring, Texas.
VCP No. 421.

Activities Completed During October 2018

Groundwater Pump-and-Treat System in Source Area:

- Continued operation of the Air Stripper remediation system.
- Bi-weekly effluent sampling events were completed on October 3, 17, and 31.
- On October 9, bi-weekly pH sampling (once every 2 weeks) of the air stripper system was approved by the TCEQ.
- Daily pH measurements were collected during operation of the air stripper system until October 10, biweekly sampling was continued through the month of October, with recovered groundwater being treated and discharged to the adjacent flood channel.
- A monthly operation and maintenance (O&M) system inspection was conducted on October 17.

Groundwater Pump-and-Treat System on the 13-Acre Tract:

- The system continued operating during the month of October.
- A monthly O&M system inspection was conducted on October 17.
- On October 5, lawn maintenance was completed prior to the site-wide sampling event.

Plume Remediation Activities:

- Completed preparation of revised semi-annual Underground Injection Control report covering the period from January 1 through August 31, 2018 and submit to TCEQ.
- Came to tentative agreement with property owner regarding amendment to the existing agreement that would satisfy lender concerns regarding use of the portion of property planned for development.
- Completed planning documents for MIPS investigation of the groundwater plume located on the Source Property for possible aggressive in situ treatment.

Comprehensive Groundwater Monitoring:

- The site-wide sampling and gauging event was completed during the month of October.

Public Communications and Information Website:

- The following project website will be updated with the October 2018 monthly progress report: <http://charlieburchproject.com/>.

Activities Planned for November 2018:

The following activities are planned for November:

Groundwater Pump-and-Treat System in Source Area:

- The system will continue to be operated, and bi-weekly system pH measurements, effluent sampling and monthly system inspections will be completed.
- Evaluating a construction start date related to installation of a chemical dosing system to reduce iron fouling at the air stripper system.

Groundwater Pump-and-Treat System on the 13-Acre Tract:

- The system will continue to be operated, and routine inspections and maintenance activities will be conducted.

Plume Remediation Activities:

- Finalize amendment to access agreement with property owner that would satisfy lender concerns regarding use of the portion of property planned for development.
- Finalize planning documents and begin performing preparatory activities, such as mowing, utility locate services, safety planning, for source area investigation of the groundwater plume. The MIPS investigation is tentatively scheduled to begin on or about November 26 and be completed by mid-December.