

Issued: March 10, 2022

TO: Brad Wilkinson, P.G.
Rohm and Haas Texas, Inc.
A Wholly Owned Subsidiary of The Dow Chemical Company

FROM: Joshua McFarlain (Jacobs)

RE: Quarterly Status Report, Fourth Quarter 2021
Charlie Burch Site, Spring, Texas.
CN600131395/RN102970738
Voluntary Cleanup Program (VCP) No. 421

Activities Completed during Fourth Quarter 2021:

Groundwater Pump-and-Treat System in Source Area:

- System shutdown on October 27, 2021. Last Bi-weekly sampling of the Air Stripper remediation system was conducted on October 27, 2021.
- Bi-weekly effluent sampling events were completed on October 15, 27 and November 18th.
- Bi-weekly pH measurements were collected during operation of the air stripper system, with recovered groundwater being treated and discharged to the adjacent flood channel.
- Monthly Operation and Maintenance (O&M) system inspections were completed on October 15, November 19, and December 13.
- Cleaning of the air stripper was performed on November 17.
- Purging of the stored groundwater through the air-stripper was complete in November. Samples were collected from the influent and effluent groundwater.

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

- The system has been shut down, with the voluntary implementation of quarterly gauging and monitoring of select wells at the 13-Acre Tract, as communicated in a letter to the Texas Commission on Environmental Quality (TCEQ) titled *Shutdown Notification of the 13-Acre Tract Treatment System*, dated March 30, 2020.
- Monthly Operation and Maintenance (O&M) system inspections were completed on October 15, November 19, and December 13.
- The second half 2021 Semi-Annual Status Report of Class V Aquifer Remediation Injection Wells was submitted to the TCEQ in January 2022.

Comprehensive Groundwater Monitoring:

- Completion of site-wide groundwater gauging and monitoring event in October.
- Deployment of Passive Flux Meters in two monitoring wells to assess back-diffusion.

Public Communications and Information Website:

- The status report will be uploaded to the following Charlie Burch public website: <http://charlieburchproject.com/>.

Activities Planned for First Quarter, 2022

Groundwater Pump-and-Treat System in Source Area:

- The system will remain offline as per TCEQ approval.
- Post-shutdown, voluntary quarterly groundwater monitoring was completed in January 2022.

Issued: March 10, 2022

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

- The system will remain offline as per TCEQ approval.

Comprehensive Groundwater Monitoring:

- Evaluation of groundwater data from annual sampling and gauging event.