



Hercules LLC  
Hercules Research Center  
500 Hercules Road  
Wilmington, DE 19808-1599  
Writer's Direct Dial: 302-995-3456

July 16, 2020

**VIA ELECTRONIC MAIL**

Mr. Maher Budeir  
Corrective Action Section  
Resource Conservation and Restoration Division  
USEPA-Region 4  
61 Forsyth Street, SW  
Mail Code: 9T25  
Atlanta, Georgia 30303-8960

RE: **Hercules Hattiesburg Facility – Hattiesburg, MS – Monthly Progress Report (June 2020)**

**USEPA Region IV, RCRA 3008(h) Order  
Docket # RCRA -04-2014-4201(b)**

**USEPA Region IV, RCRA 3013(a) Order  
Docket # RCRA -04-2011-4251**

Dear Mr. Budeir:

This report summarizes the activities accomplished from June 1 through June 30, 2020, in order to comply with Resource Conservation and Recovery Act (RCRA) 3008(h) and RCRA 3013(a) Orders for the former Hercules Hattiesburg Plant.

**TASKS INITIATED, CONTINUED, OR COMPLETED DURING JUNE 2020**

- Participated in a conference call with the U.S. Environmental Protection Agency (USEPA) and the Mississippi Department of Environmental Quality (MDEQ) on June 23, 2020, to discuss the supplemental investigation of groundwater quality along property boundaries, the potential interim action for the Poly Pale™ area, and the path forward for the project.
- Initiated data management and evaluation of analytical results for the 2020 first semiannual sampling events for the Restrictive Use Agreed Order (RUAO), Area #1, Area #2, the Poly Pale™ Area, and the uppermost sandy interval of the Hattiesburg Formation.
- Initiated data management and evaluation of analytical results for follow-up activities to refine the delineation of groundwater quality along property boundaries.
- Continued evaluation of current monitoring programs and development of an optimized monitoring program for long-term implementation.

- Continued preparation of a work plan to complete pilot testing activities for potential interim measures at the Poly Pale™ Area.
- Continued preparation of the third submittal for the Baseline Risk Assessment Report, including the human health and ecological risk assessments for the site.
- Continued preparation of the Draft Impoundment Basin (IB) and ET-10 Decommissioning Completion Report.
- Continued revisions to the Dense Non-Aqueous Phase Liquid (DNAPL) Supplemental Investigation Report, incorporating new data and addressing USEPA comments on the draft version (dated September 28, 2016) and follow-up documentation provided via email on May 19, 2017.
- Continued preparation of the 2019 Second Semiannual Consolidated Monitoring Report, documenting the sampling events for the RUAO, Area #1, Area #2, and the Poly Pale™ Area.
- Continued preparation of the Draft Conceptual Site Model Update Report.

#### **PROBLEMS AND DELAYS**

- Completion of essential activities continues during the Covid-19 pandemic. Significant delays have been minimized, and the project team has been following applicable health and safety guidelines during activities.

#### **TASKS PLANNED FOR JULY 2020**

- Finalize the DNAPL Supplemental Investigation Report, incorporating new data and addressing USEPA comments on the draft version (dated September 28, 2016) and follow-up documentation provided via email on May 19, 2017.
- Finalize the 2019 Second Semiannual Consolidated Monitoring Report, summarizing the November 2019 sampling event for the RUAO, Area #1, Area #2, and Poly Pale™ Area monitoring programs.
- Finalize the IB and ET-10 Decommissioning Completion Report.
- Complete data management and evaluation of analytical results for delineation of groundwater quality along property boundaries.
- Initiate preparation of the 2020 First Semiannual Consolidated Monitoring Report, summarizing the May 2020 sampling events for the RUAO, Area #1, Area #2, the Poly Pale™ Area, and the uppermost sandy interval of the Hattiesburg Formation.
- Continue preparation of the third submittal for the Baseline Risk Assessment Report, including the human health and ecological risk assessments for the site.
- Continue preparation of the Draft Conceptual Site Model Update Report.
- Continue submission of ongoing USEPA Data Archival and ReTrieval (DART) electronic data deliverables.
- Continue evaluation of current monitoring programs and development of an optimized monitoring program for long-term implementation.
- Continue preparation of a work plan to complete pilot testing activities for potential interim measures at the Poly Pale™ Area.
- Participate in conference calls with the USEPA and MDEQ to discuss the site status and the path forward for the project.

Mr. Maher Budeir  
Page Three  
July 16, 2020

**COMMUNITY INVOLVEMENT**

- None.

**PERSONNEL CHANGES**

- None.

**USEPA/MDEQ SUPPORT NEEDED**

- Participate in conference calls to discuss site status, results of ongoing investigations, upcoming reports, the human health and ecological risk assessments, and the path forward for the project.

Please call me at 302-995-3456 if you have any questions regarding this Monthly Progress Report.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Timothy D. Hassett', written over the printed name.

for Timothy D. Hassett  
Project Coordinator

TDH  
Hburg3013\_June 2020

cc: M. McGee-Collier – MDEQ, Jackson, MS (electronic)  
Hunter Hudson – MDEQ, Jackson, MS (electronic)  
Robin Lampkin – Hercules, Dublin, OH (electronic)  
Jason Hughes – Arcadis, Birmingham, AL (electronic)