

  
***de maximis, inc.***

450 Montbrook Lane  
Knoxville, TN 37919  
(865) 691-5052

April 10, 2020

Mr. Rusty Kestle  
U.S. Environmental Protection Agency  
Region IV  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303-3104

Subject: March 2020 Monthly Progress Report

Dear Rusty:

Please find attached the March 2020 Monthly Progress Report for the Cabot portion of the Cabot/Koppers Superfund Site in Gainesville, Florida.

As you are aware, site construction operations have recently, and temporarily, shut-down due to the covid-19 pandemic. We will notify you once a target remobilization date can be determined.

Please contact me at (865) 621-9315 or Robert Rule (865) 691-5052 with questions.

Sincerely,

*-Via email-*

Daniel N. Gainer, PG

Cc:	Wayne Reiber	Robert Rule
	Mark Taylor	Carl Elder
	Steve Poirier	Manu Sharma
	Meghna Swamy	Tracie Vaught
	Rick Hutton	Gus Olmos
	Ted Goodman	Bryan Cotter

**March 2020 Monthly Progress Report**  
**Cabot Portion of Cabot/Koppers Superfund Site, Gainesville, FL**

### **Data Inventory**

Perimeter air monitoring samples were collected on March 28, 2020. Canister samples were collected in a 6-L SUMMA canister and analyzed using EP Method TO 15. The March 28, 2020 samples represents the final perimeter air monitoring event for the project since the geosynthetics liner system had been completed at the site at the time of sample collection.

### **Data Reporting**

Table 1 shows the volume of groundwater collected and treated during the first quarter.

**Table 1 Groundwater Collected and Discharged to GRU**

Time Period	Volume of Groundwater (million gallons)
January 2020	2.44
February 2020	1.90
March 2020	2.05
First Quarter Total	6.39

Note: Daily and monthly discharge volumes  
are reported to GRU quarterly.

The perimeter air monitoring results are provided in a separate Excel spreadsheet file.

### **Construction Activities**

- Completed subgrade grading in Section 3
- Collected perimeter air samples
- Completed excavation of all anchor trenches
- Completed grade excavation outside of the VBW
- Completed as-built subgrade surveys in Sections 2 and 3
- Completed placement of gas vent sand final grade surveys in Sections 2 and 3
- Completed installation of gas vents in Section 2 and Section 3
- Completed geosynthetics installation and related QC inspections in Sections 1, 2 and 3
- Completed backfilling anchor trenches in Sections 1, 2 and 3
- Completed placement of protective sand layer in Section 1 and Section 2
- Completed as-built survey of protective sand layer in Section 1 and Section 2
- Performed initial placement of protective sand layer in Section 3 prior to Covid-19 site shutdown. Note that a minimum of 1-foot of protective sand was placed over the geosynthetic liner system to protect it from UV radiation prior to the Covid-19 site shutdown.
- Installed all protective precast concrete vaults in Section 1 and Section 3
- Began placement of geogrid and DGA in Section 1
- Began installation of HDPE force main water lines in Section 1 and Section 3

- Completed installation of down-chute drain between Section 2 and Section 3 into Cabot storm water pond
- Site shutdown note: Between April 6 to 8, 2020, we installed temporary erosion controls at the site immediately prior to the Covid-19 site shutdown. We installed silt fencing in the required areas along the exterior boundary of the site, installed erosion-control “waddles” completely around the City-owned storm water pond, installed a 57-stone erosion control berm above the anchor trench along the Davis Chevrolet property. On April 8<sup>th</sup>, Section 2 and Section 3 was sprayed with a “surface tackifier” compound by the hydroseeding contractor to better protect those areas from wind and water erosion during the shutdown period.

### **Upcoming Construction Activities**

The Site ceased construction activities on April 4, 2020 due to the Covid-19 pandemic. Vendors and manufacturers ability to supply the project with materials in a timely manner were greatly impacted by the pandemic, and related restrictions, in various states including Florida. All on-site rented construction equipment was removed from rent and the majority of those items were removed from the site.

The upcoming construction completion schedule will be dependent upon when the pandemic is under control and the federal, state and local governments ease restrictions. Additionally, the individual Company’s safety requirements will also play a role.

The following items will be performed once site activities are able to resume in accordance with federal, state and local public health guidelines and also in accordance with the health and safety policies of the individual companies performing work at the site:

- Remobilize equipment and personnel to site following Covid-19 shut down
- Install precast concrete vaults on 28<sup>th</sup> place wells and related on-site force main route
- Complete installation and final grading of protective sand layer in Section 3
- Complete installation of protective layer bench drain on north face of mound in Section 3
- Perform as-built survey of protective sand layer and related bench drains in Section 3
- Installation of 3-phase electrical power by GRU for groundwater treatment system
- Receive and install air line piping for remediation system operation in Section 1, Section 3 and 28<sup>th</sup> place wells.
- Receive, install and test groundwater treatment system
- Receive and place topsoil per project specifications
- Install final erosion control measures per project specifications
- Hydroseed topsoil following as-built surveys and QC approvals
- Install fencing around Cabot storm water pond
- Install fencing on Tropical Recycling property line
- Demobilize construction contractor, equipment and office trailers.
- Remove temporary fencing from site
- Begin groundwater remediation operations

## Issues/Concerns

- A target date to remobilize to the site and resume construction operations cannot be estimated at this time due to the Covid-19 pandemic.
- USEPA will be notified of resumption of planned remedial construction operations once the vendor's and manufacturer's ability to provide the needed equipment and materials can be verified.