



May 9, 2018

Scott Miller
Remedial Project Manager
Superfund Remedial Branch, Section C
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street SW
Atlanta, GA 30303-8909

VIA EMAIL

Subject: **April 2018 Monthly Progress Report**

Dear Mr. Miller:

On behalf of Beazer East, Inc. (Beazer), attached is the April 2018 Monthly Progress Report for the Koppers portion of the Cabot/Koppers Superfund Site in Gainesville, Florida. If you have any questions or comments, please contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gregory W. Council'.

Gregory W. Council, P.E.
Principal Engineer

cc: Kelsey Helton, FDEP
Brandie Stringer, FDEP
Rusty Kestle, USEPA
Robin Hallbourg, ACEPD
Agustin (Gus) Olmos, ACEPD
Kristie Williams, City of Gainesville
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APRIL 2018
MONTHLY PROGRESS REPORT
Cabot/Koppers Superfund Site
Gainesville, Florida

1. Compliance Actions:

- Beazer's Operation and Maintenance (O&M) Contractor performed routine treatment plant O&M services for the groundwater extraction and pretreatment system.
- Remedial Design and Remedial Action activities are presently being conducted.

2. Sampling/Test Results and Data:

- Instantaneous flow rates and totalizer volumes were measured in each extraction well.
- The bi-weekly passive NAPL recovery program continues at Upper Hawthorn monitoring wells and temporary injection points (TIPs) installed as part of the In-Situ Geochemical Stabilization (ISGS) program. Two NAPL recovery events were conducted during the month for the monitoring wells and two were conducted for the TIPs.
- Table 1 provides DNAPL collection data for wells at the Former North Lagoon and Drip Track. The only monitored TIP outside the Former Process Area and Former South Lagoon is at the Drip Track (Table 1). Process Area and South Lagoon recovery data will be included in forthcoming performance monitoring submittals.
- A total of 3,869,218 gallons of groundwater were recovered by the Surficial Aquifer drains and extraction well system (both Surficial Aquifer and UFA) during the past month (system run time of 677 hours). The average recovery rate for the month was approximately 95.3 gallons per minute (gpm). The recovery for each component is listed below.
 - Surficial Aquifer
 - Perimeter Extraction Wells: 517,112 gallons
 - Former North Lagoon Drain: 433,500 gallons
 - Former Drip Track Drain: 464,590 gallons
 - Former Process Area Drain: 453,760 gallons
 - Former South Lagoon Drain: 402,100 gallons
 - Upper Floridan Extraction Wells
 - FW-6: 34,697 gallons
 - FW-21B: 164,049 gallons
 - FW-31BE: 938,860 gallons
 - FW-32BE: 460,550 gallons

Approximately 439.4 million gallons have been recovered from the Surficial Aquifer extraction wells and four drains since the start of the Surficial Aquifer containment system in January 1995.

For the month, the total volume of water treated and discharged to the GRU wastewater system was measured to be 2,335,000 gallons. A portion of the water, from Upper Floridan Aquifer wells, was treated and used for on-Property irrigation.

The Former South Lagoon and Process Area groundwater drain pumps were turned off for approximately 8 hours to pump and clean clarifiers and to treat backwash water.

3. Plans, Reports, Deliverables and Procedures Completed:

- Remedial Design/Remedial Action Status Update Meeting (EPA/Beazer) April 7, 2018.
- Periodic maintenance checks and inspections.
- Treatment-plant component maintenance and repair as needed (caustic pump, carbon vessel gaskets and gauges, sludge pump diverter valve, bag filter vessel). Repaired plant electrical system; jetted clarifier effluent line; repaired feed pumps, motor coupling and shaft mounts; repaired filter press pump exhaust; and repaired sprinkler valve.
- Irrigation breakthrough sampling April 30, 2018.
- TSE Sampling April 19, 2018.
- Stormwater rinsate sampling April 5, 2018.
- Purged FW-6 lines.
- Rewired South Lagoon pump vault wiring.
- Shocked EW-16.
- On-property irrigation using treated groundwater from FW-21B, FW-31BE, and FW-32BE.
- Mobilized for South Lagoon ISGS treatment.

4. Upcoming Actions:

- Second quarter sampling event May 14 - 18, 2018.
- NAPL collection at Upper Hawthorn monitoring wells: bi-weekly.
- NAPL collection at temporary Upper Hawthorn ISGS injection points: bi-weekly.
- Routine inspection, operation, maintenance, and monitoring.
- South Lagoon ISGS treatment in May and June.

5. Schedule Status:

- The project schedule was not updated this month. An updated schedule will be sent next month.

6. Community Involvement:

- Future community involvement activities will be coordinated with EPA.

Table 1. DNAPL recovery volume (gal) at wells and at Drip Track TIP: Apr 2018

Date	Well	Volume (gal)
4/12/2018	HG-10S	Stain
	HG-10D	Stain
	HG-12S	0.3
	HG-12D	ND
	HG-16S	Stain
	HG-16D	Stain
	MW-22B	Stain
4/26/2018	HG-10S	Stain
	HG-10D	Stain
	HG-12S	0.4
	HG-12D	ND
	HG-16S	Stain
	HG-16D	Stain
	MW-22B	Stain
4/3/2018	Drip Track	0.4
4/17/2018	Drip Track	0.8