

August 23, 2010

Mr. Scott Miller
U.S. Environmental Protection Agency, Region IV
4WD-SRTMB
61 Forsyth Street, S.W.
Atlanta, Georgia 30303-3104

VIA EMAIL

Subject: July 2010 Monthly Progress Report

Dear Mr. Miller:

On behalf of Beazer East, Inc. (Beazer), attached is the July 2010 Monthly Progress Report for the Cabot Carbon/Koppers Superfund Site in Gainesville, Florida, as required by 1991 Unilateral Administrative Order (UAO) and the 1994 UAO Amendment. If you have any questions or comments, please contact me.

Sincerely,



Gregory W. Council, P.E.
Principal Engineer

cc: Kelsey Helton, Florida DEP
John Mousa, Alachua County EPD
Rick Hutton, Gainesville Regional Utilities
John Herbert, Jones Edmunds
Linda Paul, Koppers
Mitchell Brouman, Beazer
Mike Slenska, Beazer
Donna Kopach, Beazer
Jim Erickson, GeoTrans
Guy Roemer, GeoTrans

July 2010
MONTHLY PROGRESS REPORT
Cabot Carbon/Koppers Superfund Site
Gainesville, Florida

1. Description of actions taken to comply with the Unilateral Administrative Order (March 1991) and estimate of the percentage of the RD/RA completed:

- Beazer's Operation and Maintenance (O&M) Contractor performed routine treatment plant operation and maintenance services for the ground water remedial system.
- Actions related to the Second (2006) Five-Year Review recommendations are being performed through 2010.

2. Summary of results of sampling and tests and all other data during the month:

- Instantaneous flow rates and totalizer volumes were measured in each extraction well.
- Passive NAPL recovery continues: 3.95 gallons of NAPL were bailed from Upper Hawthorn wells during the past month (2 recovery events). A total of 397.96 gallons have been bailed since the start of the NAPL recovery program on June 19, 2004. The two-week recovery schedule was started October 25, 2005. The attached table provides details of the NAPL recovery volumes by well and date.
- Based on influent-line flow meter data, a total of 2,507,546 gallons of ground water were recovered by the Surficial Aquifer drains and extraction well system during the past month (system run time of 719.8 hours). The water was treated and discharged to Gainesville Regional Utilities (GRU). There was an apparent error in one or more flow meter readings: see Sections 6 and 7 for more details. Based on the influent-line meters, the average recovery rate for the month was approximately 58.1 gallons per minute (gpm). The recovery rate for each component is listed below.
 - Perimeter Extraction Wells: 692,952 gallons
 - FW-6: 35,814 gallons
 - FW-21B: 96,970 gallons
 - FW-31BE: 671,106 gallons
 - Former North Lagoon Drain: 359,353 gallons
 - Former Drip Track Drain: 165,501 gallons
 - Former Process Area Drain: 152,887 gallons
 - Former South Lagoon Drain: 332,963 gallons

3. Summary of all plans, reports, deliverables and procedures completed:

- Completed monthly maintenance check.
- Inspected piezometers, extraction wells, piping, valves, treatment plant vessels and controls, buildings and grounds.
- Drained and cleaned clarifier and treated backwater water at Former South Lagoon and Process Area Drains.

- Conducted three rounds of IRM groundwater sampling at Upper Floridan Aquifer well FW-31BE.
- Removed Former North and South Lagoon trench pumps and cleaned flowmeters.
- Repaired loose drive coupling on WWTP feed pump.
- Removed old chain hoist and installed new electric hoist.
- Submitted a revised Individual Industrial NPDES Stormwater Discharge Permit Application and *Preliminary Design Report for Interim Stormwater Controls* on July 21, 2010.

4. Projected work for the next month (August 2010) with schedule considerations:

- Please see the attached draft schedule. Note that this is a working schedule and is likely to change.
- Measure instantaneous flow rates and totalizer volumes for each extraction well.
- Continue NAPL removal from Hawthorn Group wells on a two-week schedule.
- Continue IRM groundwater sampling at FW-31BE.

5. Summary of problems or potential problems and actual or anticipated delays encountered during the month:

- The total effluent flowmeter that reports the amount of treated and discharged water to GRU read 3,498,000 gallons, or approximately 990,000 gallons more than the sum of the readings from the individual flowmeters this month listed in Section 2 of this report.

6. Actions being taken to rectify problems or delays:

- New flowmeters have been ordered.

7. Supplemental information:

- Please see the attached draft schedule. Note that this is a working schedule and is likely to change.

8. Changes in personnel during this month:

- None this reporting period.