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January 17, 2006

**Via U.S. Mail**

Ms. Amy McLaughlin  
U.S. Environmental Protection Agency, Region IV  
4WD-SRTMB  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303-3104

**Subject: December 2005 Monthly Progress Report**

Dear Ms. Williams:

On behalf of Beazer East, Inc. (Beazer), attached is the December 2005 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 at (303) 665-4390.

Sincerely,

A handwritten signature in black ink that reads "James R. Erickson".

James R. Erickson  
Program Manager

Enclosure

cc: G. Olmos (ACEPD)  
K. Helton (FDEP)  
M. Slenska (BEI)  
M. Helbling (BEI)  
P. Salisbury (KI)  
L. Paul (KI)

**December 2005**  
**MONTHLY PROGRESS REPORT**  
**Cabot Carbon/Koppers Superfund Site**  
**GAINESVILLE, FLORIDA**

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**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.
- Upper Floridan (UF) Aquifer Monitoring Program well installation program started in July 2005.

**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.
- 1.30 gallons of NAPL were bailed from the Hawthorn Group wells during the past month, and a total of 100.36 gallons has been bailed since the start of the NAPL recovery program in June 19, 2004. The two-week recovery schedule was started October 25, 2005.
- A total of 1,491,000 gallons of ground water were recovered by the existing extraction system, treated and discharged to the Gainesville Regional Utilities (GRU) during this past month (operating period of 744 hours). The average recovery rate for the month was approximately 33 gallons per minute (gpm).

**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.
- Removed and replaced pumps in wells EW-14 and EW-6.
- Cleaned sludge pump and meters.
- Shipped 200 drums of waste from drilling.
- Installed the two upper isolation casings (18" and 12" diameter casings) with the cable-tool rig for FW-18B, and FW-19B.
- Installed the 4" diameter, multi-screen, stainless steel casing in FW-11B, FW-13B, and FW-14B.
- Performed installation of Westbay system in wells FW-10B and FW-16B
- Performed fourth quarter sampling at the existing UF wells the week of December 12th.
- Performed semi-annual sampling at surficial aquifer wells the week of December 12th.

**4. PROJECTED WORK FOR THE NEXT MONTH (JANUARY 2006) WITH SCHEDULE CONSIDERATIONS:**

- Measure instantaneous flow rates and totalizer volumes for each extraction well.
- Continue NAPL removal from Hawthorn Group wells on a two-week schedule.
- Continue with the installation of UF wells as part of the UF Monitoring Program using cable tool and rotasonic methods.
- Continue Westbay system installation in new UF wells the week of January 9th.

- Perform groundwater sampling of Westbay system following the installation at each well.

**5. SUMMARY OF PROBLEMS OR POTENTIAL PROBLEMS AND ACTUAL OR ANTICIPATED DELAYS ENCOUNTERED DURING THE MONTH:**

- Well development is taking longer than expected to reduce bromide levels.

**6. ACTIONS BEING TAKEN TO RECTIFY PROBLEMS OR DELAYS:**

- Continue developing wells until bromide levels are reduced. Over 27,000 gallons of water have been purged from the new FW wells in December.

**7. SUPPLEMENTAL INFORMATION:**

- None this reporting period.

**8. CHANGES IN PERSONNEL DURING THIS MONTH:**

- None this reporting period.