

January 15, 2009

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

**VIA EMAIL**

Subject: December 2008 Monthly Progress Report

Dear Mr. Miller:

On behalf of Beazer East, Inc. (Beazer), attached is the December 2008 Monthly Progress Report for the Koppers portion of 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  
Penny Salisbury, Koppers  
Jack Spicuzza, Koppers  
Joyce Fankulewski, Koppers  
Mitchell Brouman, Beazer  
Mike Slenska, Beazer  
Donna Kopach, Beazer  
Jim Erickson, GeoTrans  
Guy Roemer, GeoTrans

**December 2008**  
**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 2008.

**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: 5.0 gallons of NAPL were bailed from Upper Hawthorn wells during the past month (2 recovery events). A total of 303.21 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.
- A total of 792,000 gallons of ground water were recovered by the Surficial Aquifer extraction system during the past month (operating period of 748 hours). The water was treated and discharged to the Gainesville Regional Utilities (GRU). The average recovery rate for the month was approximately 17.6 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.
- Replaced pumps and caustic air line.
- Rebuilt flowmeters and polymer pump.
- Cleaned static mixer.
- Conducted fourth quarter sampling of Upper Floridan Aquifer monitoring wells.
- Conducted Stage 2 semiannual sampling of Surficial Aquifer monitoring and extraction wells.
- Submitted summary of actions taken in response to the 2006 5-Year Review
- Submitted a QAPP for Off-Site Soil Sampling
- Submitted a Floridan Aquifer Interim Remedial Measure (IRM) Work Plan

**4. Projected work for the next month (January 2009) 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.

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

- None this reporting period.

**6. Actions being taken to rectify problems or delays:**

- None this reporting period.

**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.

**Cabot Carbon/Koppers Site: Combined Beazer USEPA Schedule (DRAFT FOR DISCUSSION)**

ID	Task Name	Duration	Start	Finish	Predecessors	2006												2007												2008												2009											
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug							
1	<b>Complete 2006 5-Year Review Tasks</b>	<b>807 days</b>	<b>5/1/06</b>	<b>6/29/09</b>		[Summary bar]																																															
2	<b>Recmnd. #1 - Evaluate Surficial Aquifer Extraction System</b>	<b>686 days</b>	<b>8/1/06</b>	<b>4/10/09</b>		[Summary bar]																																															
3	Beazer Evaluation	104 days	8/1/06	12/22/06		[Task bar]																																															
4	Beazer Evaluation Submittal (12/22/06 letter)	0 days	12/22/06	12/22/06	3	[Milestone]																																															
5	GRU Comments Transmittal (3/27/07 letter)	0 days	3/27/07	3/27/07		[Milestone]																																															
6	USEPA Comments Transmittal (4/2/07 email)	0 days	4/2/07	4/2/07		[Milestone]																																															
7	Phone Conference: O'Steen/Erickson, After Surficial Resample	0 days	6/1/07	6/1/07		[Milestone]																																															
8	Discuss Surficial Results - Implications on Extraction System	0 days	3/12/08	3/12/08	189FS+5 days	[Milestone]																																															
9	Beazer Prepare Plan for Extraction System & Monitoring	139 days	3/12/08	9/25/08	8	[Task bar]																																															
10	Beazer Submit Plan	0 days	9/25/08	9/25/08	9	[Milestone]																																															
11	USEPA/Stakeholder Review	26 days	9/26/08	10/31/08	10	[Task bar]																																															
12	USEPA Comment Letter	0 days	10/31/08	10/31/08	11	[Milestone]																																															
13	Beazer Prepare Responses and Revise Workplan	49 days	11/3/08	1/16/09	12	[Task bar]																																															
14	Beazer Submit Revised Workplan	0 days	1/16/09	1/16/09	13	[Milestone]																																															
15	USEPA Approval of Work Plan	0 days	1/16/09	1/16/09	14	[Milestone]																																															
16	<b>Surficial Aquifer Extraction System Modification</b>	<b>60 days</b>	<b>1/19/09</b>	<b>4/10/09</b>		[Summary bar]																																															
17	<b>Contracting</b>	<b>10 days</b>	<b>1/19/09</b>	<b>1/30/09</b>	15	[Task bar]																																															
18	<b>Dischrg Permitting</b>	<b>20 days</b>	<b>1/19/09</b>	<b>2/13/09</b>	15	[Task bar]																																															
19	<b>Treatment Plant Design</b>	<b>15 days</b>	<b>1/19/09</b>	<b>2/6/09</b>	15	[Task bar]																																															
20	Treatment Plant Equipment procurement & delivery	6 wks	2/9/09	3/20/09	19,18FS-10 days	[Task bar]																																															
21	Treatment pad expansion	15 days	2/16/09	3/6/09	19,18	[Task bar]																																															
22	Treatment Plant Equipment installation	10 days	3/23/09	4/3/09	20,21	[Task bar]																																															
23	Treatment Plant Testing	5 days	4/6/09	4/10/09	22	[Task bar]																																															
24	Pre-construction activities (e.g., utilities)	5 days	2/23/09	2/27/09	25SS-5 days	[Task bar]																																															
25	Mobilization for Trenching	2 days	3/2/09	3/3/09	17,151	[Task bar]																																															
26	Site/Equipment Prep	3 days	3/4/09	3/6/09	25	[Task bar]																																															
27	Trenching	10 days	3/9/09	3/20/09	26	[Task bar]																																															
28	Pipe and pump installation	10 days	3/9/09	3/20/09	27FF	[Task bar]																																															
29	Decon & disassembly	3 days	3/30/09	4/1/09	28,153	[Task bar]																																															
30	Demobilization	2 days	4/2/09	4/3/09	29	[Task bar]																																															
31	System testing	5 days	3/23/09	3/27/09	28	[Task bar]																																															
32	Operation commencement	0 days	4/10/09	4/10/09	31,23	[Milestone]																																															
33																																																					
34	<b>Recmnd. #2 - Sediment and Surface Water Sampling</b>	<b>683 days</b>	<b>5/5/06</b>	<b>1/9/09</b>		[Summary bar]																																															
35	ACEPD Off-Site Sediment Data 1994-2000 Transmittal	0 days	5/5/06	5/5/06		[Milestone]																																															
36	ACEPD Off-Site Water/Sediment Data Sep 2006 Transmittal	0 days	12/13/06	12/13/06		[Milestone]																																															
37	Beazer Soil & Sediment Data Summary Report Submittal (3/30/07)	0 days	3/30/07	3/30/07		[Milestone]																																															
38	<b>RECOMMENDATION RESPONSE COMPLETED</b>	<b>0 days</b>	<b>3/30/07</b>	<b>3/30/07</b>	37	[Milestone]																																															
39	ACEPD Sediment Reconnaissance Investigation	8 days	12/8/08	12/17/08		[Task bar]																																															
40	ACEPD Sediment Sampling	5 days	1/5/09	1/9/09		[Task bar]																																															
41																																																					
42	<b>Recmnd. #3 - Hawthorn Investigation</b>	<b>663 days</b>	<b>11/17/06</b>	<b>6/29/09</b>		[Summary bar]																																															
43	Beazer Updated Site Stratigraphy Submittal (11/17/06 letter)	0 days	11/17/06	11/17/06		[Milestone]																																															
44	EPA Additional Monitoring Request (3/1/07 letter)	0 days	3/1/07	3/1/07		[Milestone]																																															
45	Beazer Prepare Hawthorn Investigation Plan	23 days	3/1/07	4/2/07	44	[Task bar]																																															
46	Beazer Hawthorn Investigation Plan Submittal (3/31/07 Workplan)	0 days	4/2/07	4/2/07	45	[Milestone]																																															
47	USEPA/Stakeholder Review	31 days	4/3/07	5/15/07	46	[Task bar]																																															
48	ACEPD Comments on Hawthorn Investigation WP (5/9/07 letter)	0 days	5/9/07	5/9/07		[Milestone]																																															
49	USEPA Comments on Hawthorn Investigation (5/15/07 email)	0 days	5/15/07	5/15/07	47	[Milestone]																																															
50	Resolution of Issues	19 days	5/16/07	6/12/07	49	[Task bar]																																															
51	Beazer Submit Revised Workplan (6/12/07)	0 days	6/12/07	6/12/07	50	[Milestone]																																															
52	USEPA Comment Letter (6/29/07)	0 days	6/29/07	6/29/07	51	[Milestone]																																															
53	Beazer Submit Revised #2 Workplan (7/20/07)	0 days	7/20/07	7/20/07	52	[Milestone]																																															
54	USEPA Approval of Work Plan	0 days	8/7/07	8/7/07	53FS+6 days	[Milestone]																																															
55	Beazer Carry Out Work Plan	173 days	7/10/07	3/14/08		[Task bar]																																															
56	Subcontracting	4 wks	7/10/07	8/7/07	54FF	[Task bar]																																															
57	Mobilization	1 wk	8/13/07	8/17/07	56	[Task bar]																																															
58	Well Installation & development	59 days	8/20/07	11/9/07	57	[Task bar]																																															
59	Report Preparation & Review	17 wks	11/12/07	3/14/08	58	[Task bar]																																															

Date: 1/18/09  
 Current/In-Progress Item  
 Completed Major Task

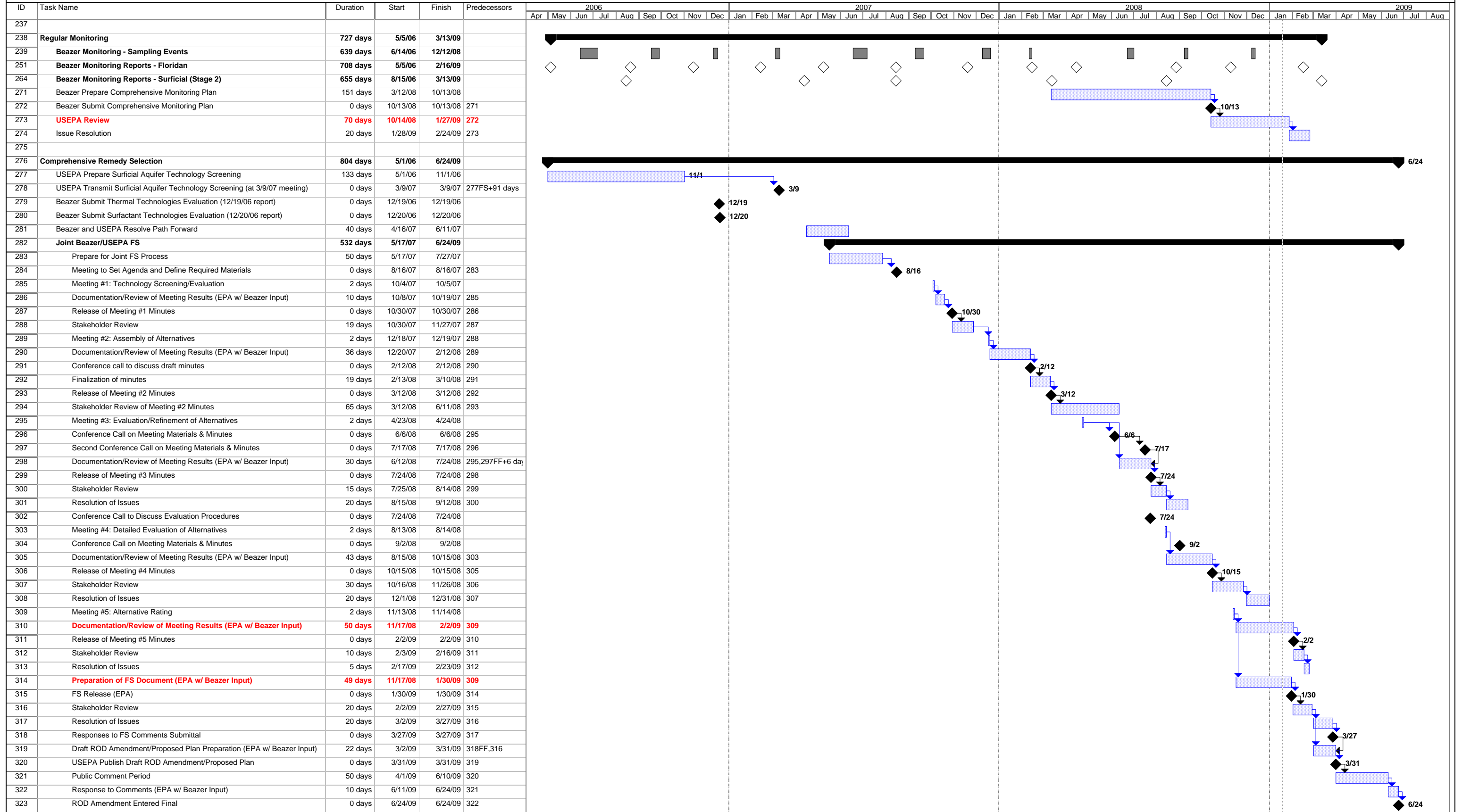
Task [Bar] Milestone [Diamond] Summary [Arrow]







**Cabot Carbon/Koppers Site: Combined Beazer USEPA Schedule (DRAFT FOR DISCUSSION)**



Date: 1/18/09  
 Current/In-Progress Item  
 Completed Major Task

