

September 20, 2008

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

VIA EMAIL

Subject: August 2008 Monthly Progress Report

Dear Mr. Miller:

On behalf of Beazer East, Inc. (Beazer), attached is the August 2008 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.
Associate, Senior 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

August 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: 5.1 gallons of NAPL were bailed from Upper Hawthorn wells during the past month (2 recovery events). A total of 280 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.
- A total of 761,000 gallons of ground water were recovered by the Surficial Aquifer extraction system during the past month (operating period of 696 hours). The water was treated and discharged to the Gainesville Regional Utilities (GRU). The average recovery rate for the month was approximately 18.2 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 FE-3 totalizer.
- Cleaned static mixer.
- Sampled POTW for carbon breakthrough on August 13th.
- Sampled Upper Hawthorn Pilot-Test Extraction Well on August 13, 19, and 26, 2008.
- Held a Joint FS meeting in Atlanta on August 13 and 14, 2008.
- Submitted Surficial Aquifer (Stage 2) monitoring report for the first half of 2008.
- Submitted Upper Floridan Aquifer monitoring report for the second quarter of 2008.

4. Projected work for the next month (September 2008) 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.
- Begin Upper Floridan Aquifer Sentinel Monitoring Well installation.

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.

Hawthorn Group Passive NAPL Recovery (Page 3 of 3)

Well Date	HG-9S		HG-10S		HG-10D		HG-11S		HG-12S		HG-12D		HG-15S		HG-16S		HG-16D		FW-6		Total Vol. removed (gal)
	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	Thickness (ft)	Vol. Removed (gal)	
7/26/2007	ND	0	1.95	0.25	ND	0	12.45	2.75	7.45	1	ND	0	7.58	0.6	3.98	0.25	ND	0	ND	0	4.85
8/8/2007	ND	0	1.13	0.25	ND	0	12.38	2.5	7.05	1	ND	0	10.14	0.75	3.68	0.25	ND	0	ND	0	4.75
8/21/2007	ND	0	2.23	0.25	ND	0	10.34	2.25	5.98	1.25	ND	0	11.51	0.75	2.27	0.25	ND	0	ND	0	4.75
9/5/2007	ND	0	2	1.25	ND	0	7.7	1.5	5.31	1	ND	0	12.54	1	4.64	0.5	ND	0	ND	0	5.25
9/19/2007	ND	0	0.42	0.2	ND	0	2.98	0.4	2.97	0.3	ND	0	2.5	0.4	0.54	0.1	ND	0	ND	0	1.4
10/3/2007	ND	0	1.02	0.1	ND	0	7.6	1.5	4.53	0.75	ND	0	15.75	0.75	6.07	1.5	ND	0	ND	0	4.6
10/16/2007	ND	0	1.45	0.25	ND	0	6.46	0.5	4.61	0.25	ND	0	14.36	2	3.39	1	ND	0	ND	0	4
10/30/2007	ND	0	1.05	0.25	ND	0	5.18	0.6	3.12	0.5	ND	0	9.26	1.75	1.65	0.6	ND	0	ND	0	3.7
11/13/2007	ND	0	1.61	0.3	ND	0	5.04	0.8	3.01	0.4	ND	0	8.84	1.5	1.74	0.65	ND	0	ND	0	3.65
11/28/2007	ND	0	1.16	0.2	ND	0	5.24	0.85	2.95	0.4	ND	0	8.59	1.5	1.44	0.4	ND	0	ND	0	3.35
12/11/2007	ND	0	1.82	0.25	ND	0	4.88	0.65	2.98	0.4	ND	0	8.75	1.7	1.22	0.3	ND	0	ND	0	3.3
12/28/2007	ND	0	2.14	0.3	ND	0	5.4	0.8	3.39	0.5	ND	0	8.8	1.6	2.44	0.3	ND	0	ND	0	3.5
1/9/2008	ND	0	2.07	0.3	ND	0	4.81	0.8	3.76	0.5	ND	0	8.75	1.4	1.33	0.3	ND	0	ND	0	3.3
1/21/2008	ND	0	1.91	0.2	ND	0	4.64	0.6	2.86	0.4	ND	0	8.77	1.4	2.36	0.4	ND	0	ND	0	3
2/5/2008	ND	0	2.06	0.25	ND	0	5	1	3.18	0.5	ND	0	8.7	1.3	2.34	0.3	ND	0	ND	0	3.35
2/19/2008	ND	0	2.26	0.2	ND	0	4.45	0.9	3.26	0.5	ND	0	8.76	1.3	2.62	0.4	ND	0	ND	0	3.3
3/4/2008	ND	0	NM	0	NM	0	4.27	0.7	3.24	0.5	ND	0	8.24	1.25	2.53	0.3	ND	0	ND	0	2.75
3/20/2008	ND	0	NM	0	NM	0	4.5	0.9	3.16	0.4	ND	0	8.51	1.25	2.35	0.4	ND	0	ND	0	2.95
4/1/2008	ND	0	NM	0	NM	0	4.04	0.6	2.93	0.5	ND	0	7.95	1.2	2.42	0.4	ND	0	ND	0	2.7
4/16/2008	ND	0	NM	0	NM	0	4.43	0.7	2.72	0.4	ND	0	8.04	1.2	1.95	0.4	ND	0	ND	0	2.7
4/29/2008	ND	0	NM	0	NM	0	4.27	0.75	2.57	0.4	ND	0	8.29	1.1	1.56	0.4	ND	0	ND	0	2.65
5/13/2008	ND	0	NM	0	NM	0	4	0.75	2.79	0.5	ND	0	8.1	1.2	1.79	0.3	ND	0	ND	0	2.75
5/27/2008	ND	0	NM	0	NM	0	3.98	0.9	2.58	0.4	ND	0	7.9	1.2	1.57	0.3	ND	0	ND	0	2.8
6/10/2008	ND	0	NM	0	NM	0	3.84	0.7	2.72	0.4	ND	0	7.94	1.2	1.43	0.4	ND	0	ND	0	2.7
6/24/2008	ND	0	NM	0	NM	0	3.91	0.6	2.52	0.4	ND	0	7.76	1.1	1.42	0.3	ND	0	ND	0	2.4
7/10/2008	ND	0	NM	0	NM	0	3.99	0.7	3.15	0.4	ND	0	7.73	1	1.89	0.4	ND	0	ND	0	2.5
7/24/2008	ND	0	NM	0	NM	0	5.39	0.9	3.26	0.5	ND	0	8.38	1.1	1.83	0.3	ND	0	ND	0	2.8
8/7/2008	ND	0	NM	0	NM	0	4.38	0.75	2.85	0.3	ND	0	8.38	1.1	1.44	0.4	ND	0	ND	0	2.55
8/19/2008	ND	0	NM	0	NM	0	3.76	0.7	2.83	0.4	ND	0	8.27	1.1	1.16	0.3	ND	0	ND	0	2.5
9/3/2008	ND	0	stain	0	stain	0	4.34	0.7	2.83	0.4	ND	0	8.35	1.1	1.26	0.25	ND	0	ND	0	2.45
Total Removed		0.1		46.8		0		70.8		51.6		0		67.61		46		0		0	282.91

Notes:

- 6/19/04 measured with bailer
- 7/07/04 measured with weighted cotton string
- Other dates used Bailer & Interface Probe
- ND indicates NAPL not detected
- NM indicates measurement not taken
- Stain indicates that NAPL stained measurement probe, but thickness was unmeasurable
- Blank indicated no measured DNAPL removal
- 10/25/05 began two-week schedule
- 5/17/06 used low-flow pump (as opposed to the bailer)
- 7/10/07 RH performed bailing
- 11/13/07 New Heron Oil/Water Interface Probe (H01L/SM01L) now in use
- 3/4/08 through 8/25/08 Key Environmental pumping well running 8 ft away from HG-10S and HG-10D

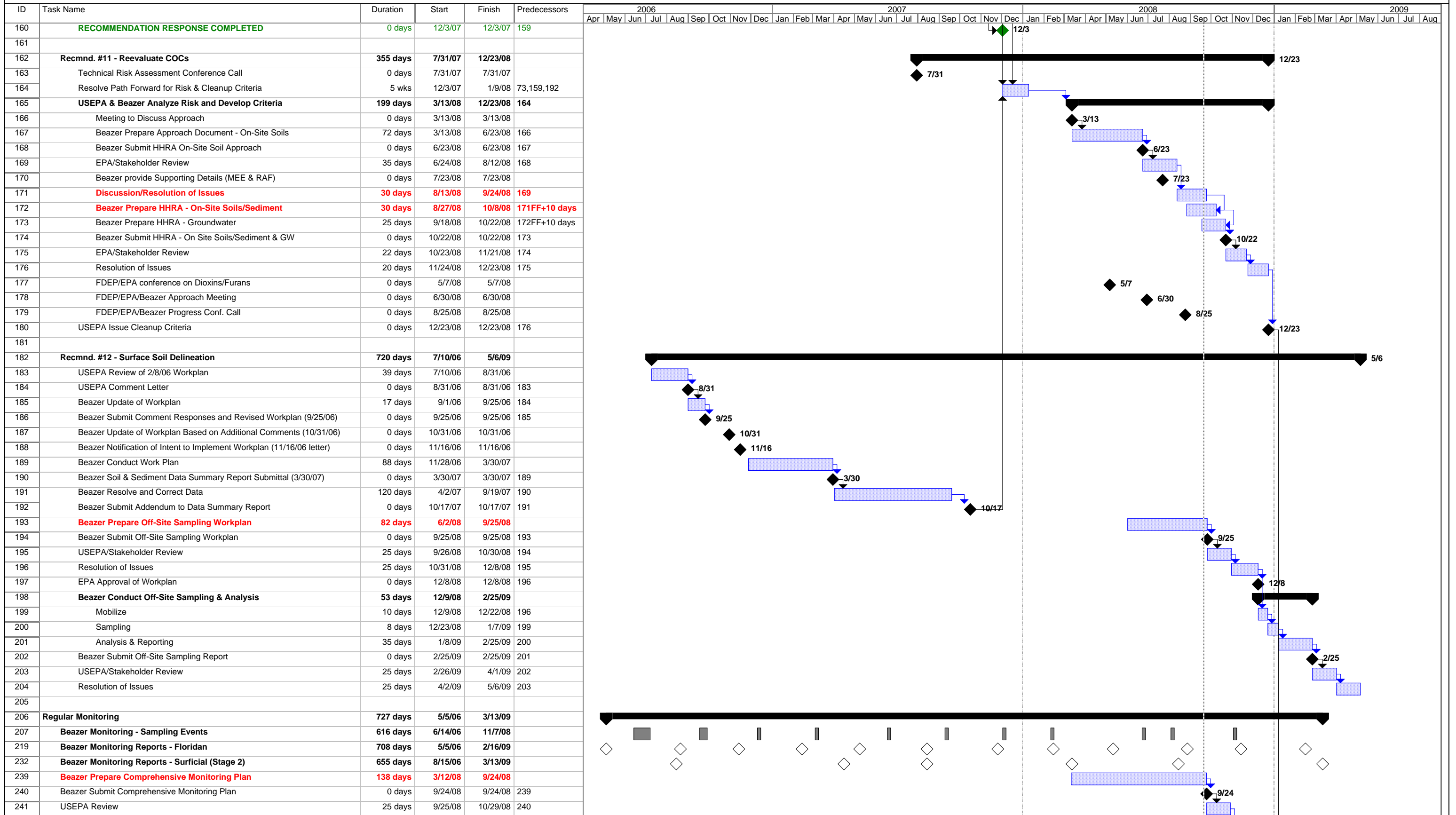
Cabot Carbon/Koppers Site: Combined Beazer USEPA Schedule (DRAFT FOR DISCUSSION)

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	Complete 2006 5-Year Review Tasks	772 days	5/1/06	5/8/09		[Summary bar]																																															
2	Recmnd. #1 - Evaluate Surficial Aquifer Extraction System	645 days	8/1/06	2/12/09		[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	159FS+5 days	[Milestone]																																															
9	Beazer Prepare Plan for Extraction System & Monitoring	138 days	3/12/08	9/24/08	8	[Task bar]																																															
10	Beazer Submit Plan	0 days	9/24/08	9/24/08	9	[Milestone]																																															
11	Comment, Resolution and Approval	35 days	9/25/08	11/12/08	10	[Task bar]																																															
12	USEPA Approval of Work Plan	0 days	11/12/08	11/12/08	11	[Milestone]																																															
13	Beazer Implement Work Plan for System Modifications	60 days	11/13/08	2/12/09	12	[Task bar]																																															
14	New System Operational	0 days	2/12/09	2/12/09	13	[Milestone]																																															
15																																																					
16	Recmnd. #2 - Sediment and Surface Water Sampling	234 days	5/5/06	3/30/07		[Summary bar]																																															
17	ACEPD Off-Site Sediment Data 1994-2000 Transmittal	0 days	5/5/06	5/5/06		[Milestone]																																															
18	ACEPD Off-Site Water/Sediment Data Sep 2006 Transmittal	0 days	12/13/06	12/13/06		[Milestone]																																															
19	Beazer Soil & Sediment Data Summary Report Submittal (3/30/07)	0 days	3/30/07	3/30/07		[Milestone]																																															
20	RECOMMENDATION RESPONSE COMPLETED	0 days	3/30/07	3/30/07	19	[Milestone]																																															
21																																																					
22	Recmnd. #3 - Hawthorn Investigation	628 days	11/17/06	5/8/09		[Summary bar]																																															
23	Beazer Updated Site Stratigraphy Submittal (11/17/06 letter)	0 days	11/17/06	11/17/06		[Milestone]																																															
24	EPA Additional Monitoring Request (3/1/07 letter)	0 days	3/1/07	3/1/07		[Milestone]																																															
25	Beazer Prepare Hawthorn Investigation Plan	23 days	3/1/07	4/2/07	24	[Task bar]																																															
26	Beazer Hawthorn Investigation Plan Submittal (3/31/07 Workplan)	0 days	4/2/07	4/2/07	25	[Milestone]																																															
27	USEPA/Stakeholder Review	31 days	4/3/07	5/15/07	26	[Task bar]																																															
28	ACEPD Comments on Hawthorn Investigation WP (5/9/07 letter)	0 days	5/9/07	5/9/07		[Milestone]																																															
29	USEPA Comments on Hawthorn Investigation (5/15/07 email)	0 days	5/15/07	5/15/07		[Milestone]																																															
30	Resolution of Issues	19 days	5/16/07	6/12/07	29	[Task bar]																																															
31	Beazer Submit Revised Workplan (6/12/07)	0 days	6/12/07	6/12/07	30	[Milestone]																																															
32	USEPA Comment Letter (6/29/07)	0 days	6/29/07	6/29/07	31	[Milestone]																																															
33	Beazer Submit Revised #2 Workplan (7/20/07)	0 days	7/20/07	7/20/07	32	[Milestone]																																															
34	USEPA Approval of Work Plan	0 days	8/7/07	8/7/07	33FS+6 days	[Milestone]																																															
35	Beazer Carry Out Work Plan	173 days	7/10/07	3/14/08		[Task bar]																																															
36	Subcontracting	4 wks	7/10/07	8/7/07	34FF	[Task bar]																																															
37	Mobilization	1 wk	8/13/07	8/17/07	36	[Task bar]																																															
38	Well Installation & development	59 days	8/20/07	11/9/07	37	[Task bar]																																															
39	Report Preparation & Review	17 wks	11/12/07	3/14/08	38	[Task bar]																																															
40	Beazer Submit Hawthorn Investigation Report	0 days	3/18/08	3/18/08	39	[Milestone]																																															
41	Completion of HG-22D	5 days	4/28/08	5/2/08		[Task bar]																																															
42	Completion Letter for HG22D	0 days	6/23/08	6/23/08	41FS+35 days	[Milestone]																																															
43	USEPA/Stakeholder Review	120 days	3/18/08	9/4/08	40	[Task bar]																																															
44	Resolution of Issues	20 days	9/5/08	10/2/08	43	[Task bar]																																															
45	Beazer Prepare Workplan for Additional Hawthorn Investigation	55 days	7/24/08	10/9/08		[Task bar]																																															
46	Beazer Submit Workplan for Additional Hawthorn Investigation	0 days	10/9/08	10/9/08	45	[Milestone]																																															
47	USEPA/Stakeholder Review	20 days	10/10/08	11/6/08	46	[Task bar]																																															
48	Resolution of Issues	15 days	11/7/08	12/1/08	47	[Task bar]																																															
49	USEPA Approval of Workplan	0 days	12/1/08	12/1/08	48	[Milestone]																																															
50	Beazer Carry Out Work Plan	65 days	12/2/08	3/6/09		[Task bar]																																															
51	Mobilize	5 days	12/2/08	12/8/08	49	[Task bar]																																															
52	Install Borings/Wells	35 days	12/9/08	1/30/09	51	[Task bar]																																															
53	Sampling & Reporting	25 days	2/2/09	3/6/09	52	[Task bar]																																															

Date: 9/20/08
 Current/In-Progress Item
 Completed Major Task

Task [Blue Box] Milestone [Black Diamond] Summary [Black Bar]

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



Date: 9/20/08
Current/In-Progress Item
Completed Major Task

Task Milestone Summary

