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1658

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ENVIRONMENTAL

AUG 15 2006
Field & Technical Services

200 Third Avenue • Carnegie, PA 15106 • Phone: 412-429-2694 • Fax: 412-279-4512

August 11, 2006

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

**RE: 2006 Second Quarter Floridan Aquifer Groundwater Monitoring Report
Cabot Carbon/Koppers Superfund Site
Gainesville, Florida**

Dear Ms. McLaughlin:

On behalf of Beazer East, Inc. (Beazer), Field & Technical Services LLC (FTS) hereby submits the 2006 Second Quarter Floridan Aquifer Groundwater Monitoring Report for the Cabot Carbon/Koppers Superfund Site in Gainesville, Florida. FTS conducted this sampling in accordance with the *Revised Floridan Aquifer Monitoring Plan, Cabot Carbon/Koppers Superfund Site, Gainesville, Florida* (Monitoring Plan) (TRC Environmental Solutions, Inc. [TRC], 2004)¹. This report documents the field and laboratory results of the groundwater monitoring event performed on June 14 and 15, 2006.

Monitoring Procedures

In this event, the FTS field crew gauged and sampled wells FW-2, FW-3, FW-4, FW-5, FW-6, FW-7, FW-8, FW-9, and MWTP-MW-1 as required in the Monitoring Plan. The Monitoring Plan specified quarterly sampling of wells FW-3 and FW-6 with semiannual (second and fourth quarters) sampling of the remaining seven wells.

In accordance with the Monitoring Plan, the FTS field crew:

- Gauged and recorded depth to water, depth to non-aqueous phase liquid (NAPL) if present, and total well depth in the nine Upper Floridan Aquifer wells (Figure 1);
- Purged the nine wells to be sampled and measured and recorded field parameters while purging; and,
- Collected groundwater samples for analysis of the parameters listed in Table 2 of the Monitoring Plan.

¹ TRC Environmental Solutions, Inc., 2004. *Revised Floridan Aquifer Monitoring Plan, Cabot Carbon/Koppers Superfund Site, Gainesville, Florida*. June 23, 2004.

2006 FTS 2nd Quarter

Floridan Aquifer Groundwater Monitoring Report Koppers

1658 - FTS 2006 2nd Quarter
Floridan Aquifer Groundwater
Monitoring Report Koppers
Site - Text -- August 11, 2006

1658 - FTS 2006 2nd Quarter
Floridan Aquifer Groundwater
Monitoring Report Koppers
Site - Lab Data -- August 11, 2006

91
from CD

The FTS field crew sampled the nine wells by low-flow/low-stress methods using a bladder pump (Teflon® bladder and Teflon®-lined tubing). While purging, they measured and recorded pH, specific conductance, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity to document changes in purge water quality. They continued purging until the field parameters stabilized (as required in the Monitoring Plan) and then collected the groundwater samples. Attachment A contains copies of the field forms.

The field crew submitted the groundwater samples to Columbia Analytical Services Inc. of Jacksonville, Florida. Upon receipt of the analytical data, FTS reviewed it for completeness and quality using the protocols of the United States Environmental Protection Agency (USEPA) National Functional Guidelines (USEPA 1999² and 2002³) and USEPA method specifications. Attachment B includes the analytical report.

Groundwater Flow Patterns

At the start of the event, FTS measured and recorded groundwater levels in the nine Upper Floridan monitoring wells. Beginning with the second quarter 2005 event, a new procedure for measuring water levels at these wells was initiated: the technician collects two rounds of water levels on the same day using the same instrument and the resulting data are compared as a quality control check on the field measurements. The data from both gauging rounds were in agreement (± 0.05 feet). Using the data from the second round of gauging, the resulting calculated groundwater elevations are summarized on Table 1, and the groundwater elevation contour map is presented as Figure 1.

From July 2004 through June 2006, the groundwater elevation of the Upper Floridan Aquifer rose by an average of 5.9 feet. Groundwater elevations have decreased on average by 1.7 feet between March 6, 2006 and June 14, 2006. Attachment C contains temporal plots of groundwater elevation versus time. As shown on Figure 1, the June 2006 groundwater gradient in the Upper Floridan Aquifer is low, with an average value of 0.0007 feet/feet. The Upper Floridan Aquifer average groundwater flow direction at the Site is to the north and northeast. The hydraulic gradient and groundwater flow direction measured in the second quarter 2006 are consistent with those observed in the first quarter 2006 event.

NAPL has never been detected in any of the Upper Floridan Aquifer wells at the Site, since the monitoring program began in 2003. Similar to previous monitoring results, NAPL was not detected nor were any sheens observed in any Upper Floridan Aquifer wells during the second quarter 2006 groundwater monitoring event (Attachment B).

² USEPA, 1999. *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (EPA-540/R-99-008); October 1999.

³ USEPA, 2002. *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (EPA540-R-01-008); July 2002.



Groundwater Quality Results

Groundwater samples were collected from nine Upper Floridan Aquifer monitoring wells. Table 2 presents a summary of the field parameter measurements and Table 3 presents a summary of the analytical results with their method-detection limits. Figure 1 shows the spatial distribution of results from this event for select constituents of interest (naphthalene, benzene, 2,4-dimethylphenol, 2-methylphenol, 3&4-methylphenol, and dissolved arsenic). Attachment C contains temporal plots of concentration versus time for these constituents and Attachment B contains the Analytical Laboratory Report.

The following data quality issues were observed in the review of the analytical results:

- Dissolved chromium was detected in field blank, filter blank, and the equipment blank. Associated samples with detected concentrations less than the action level of 5 times the maximum concentration detected in the field, equipment or filter blanks would be qualified with a "B" for blank contamination, however, none of the dissolved chromium results were qualified as they were nondetect.
- Benzene, toluene, o-xylene, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol, and chromium were detected in the equipment blank. Associated samples with detected concentrations less than the action level of 5 times the maximum concentration detected in the field blank or equipment blank were qualified with a "B" for blank contamination.

No other data qualifications were made based on review of the data. Finally, please note that 3-methylphenol and 4-methylphenol cannot be separately quantified because their peaks co-elute in the mass spectrometry.

For this sampling event, groundwater from one well (FW-6) contained organic constituent concentrations greater than the respective Florida Groundwater Cleanup Target Levels (GCTLs) and/or the Florida maximum contaminant levels (MCLs) for drinking water.

For the second quarter 2006 event, the concentration of naphthalene in the sample collected from monitoring well FW-6 was 450 µg/L, which is a decrease from the first quarter 2006 concentration (960 µg/L) and is below the range of historical data for this well (840 µg/L to 2,560 µg/L) as shown on the graph contained in Attachment C. The second quarter results represent an 82 percent reduction in the naphthalene concentration in well FW-6 compared to the first sample collected on July 12, 2004 (2,560 µg/L).

For the current event, monitoring wells FW-3, FW-7 and FW-9 had dissolved arsenic concentrations above the Florida GCTL/MCL of 10 µg/L. The dissolved arsenic concentrations in FW-3, FW-7 and FW-9 for the second quarter 2006 were 54 µg/L, 13 µg/L and 25 µg/L, respectively. The concentration detected in the FW-3 sample is an increase from the first quarter 2006 sampling event concentration of 30 µg/L; the concentration detected in FW-7 sample is an increase from the fourth quarter 2005 sampling event concentration of 8.4 µg/L; and the concentration detected in FW-9 sample is almost equivalent to the fourth quarter 2005 sampling event concentration of 24 µg/L.

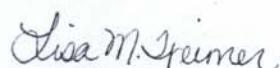
Beazer has implemented a comprehensive geochemical investigation of the Upper Floridan Aquifer to evaluate arsenic concentrations and geochemical controls. This investigation will expand upon the arsenic study performed by Dr. Pichler, on behalf of the Gainesville Regional Utilities (GRU).

Summary

In summary, the second quarter 2006 groundwater sampling results are consistent with previous sampling events and indicate that wide-spread groundwater impacts are not present in the Upper Floridan Aquifer beneath the Site. The only Upper Floridan Aquifer monitoring well that currently contains select organic constituent concentrations above State groundwater and drinking water quality standards is FW-6. Beazer will continue the groundwater monitoring and evaluation of the potential impacts to the Floridan Aquifer, as required by the Monitoring Plan.

Should you have any questions regarding these results, please feel free to contact Mr. Michael Slenska, Beazer Environmental Manager, at (412) 208-8867.

Sincerely,
Field & Technical Services



Lisa M. Weimer
Project Hydrogeologist

Attachments

cc: K. Helton, FDEP
J. Herbert, Jones Edmunds & Associates, Inc.
J. Mousa, ACEPD
B. Goodman, GRU
M. Slenska, Beazer (CD-ROM)

L. Paul, Koppers Inc. (CD-ROM)
K. Fromme, Key Environmental (Site copy)
J. Erickson, GeoTrans, Inc.
J. Mercer, GeoTrans, Inc.

TABLES

Table 1
Summary of Groundwater Elevations
2006 Second Quarter Floridan Aquifer Groundwater Monitoring Event
Cabot Carbon/Koppers Superfund Site
Gainesville, FL



Well Number	Gauging Date	Top of Casing Elevation (ft msl)	Depth To Water	Groundwater Elevation (ft msl)	Measured Total Depth (ft TOC)
FW-2	6/14/06	183.83	132.44	51.39	159.72
FW-3	6/14/06	188.56	137.06	51.5	156.39
FW-4	6/14/06	173.91	123.16	50.75	159.75
FW-5	6/14/06	182.26	130.9	51.36	159.91
FW-6	6/14/06	185.23	134.14	51.09	162.82
FW-7	6/14/06	168.55	117.96	50.59	157.20
FW-8	6/14/06	186.96	134.75	52.21	152.50
FW-9	6/14/06	184.55	133.17	51.38	155.80
MWTP-MW-1	6/14/06	160.94	111.79	49.15	169.00

Notes

ft msl - feet above mean sea level

ft toc - feet below top of casing

Table 2
Summary of Field Parameter Measurements
2006 Second Quarter Floridan Aquifer Groundwater Monitoring Event
Cabot Carbon/Koppers Superfund Site
Gainesville, FL



Well Number	Sample Date	Temperature (C)	pH (S.U.)	Conductivity (umhos/cm)	ORP (mv)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
FW-2	15-Jun-06	24.08	8.43	378	-130.7	1.28	1
FW-3	15-Jun-06	23.93	9.04	290	-243.3	1.47	19
FW-4	15-Jun-06	22.8	7.54	406	-181	0.68	0
FW-5	14-Jun-06	25.32	8.38	431	-259.9	0.94	7
FW-6	15-Jun-06	24.9	9	421	-246.1	0.93	8
FW-7	15-Jun-06	22.89	7.56	424	-125.9	1.05	3
FW-8	14-Jun-06	23.47	7.51	425	-16.9	2.77	3
FW-9	14-Jun-06	23.32	7.48	465	-108.7	2.5	7
MWTP-MW-1	14-Jun-06	24.91	7.29	554	-163.7	1.46	88
	Minimum	22.8	7.29	290	-259.9	0.68	0
	Maximum	25.32	9.04	554	-16.9	2.77	88

Table 3
Summary of Analytical Results
2006 Second Quarter Floridan Aquifer Groundwater Monitoring Event
Cabot Carbon/Koppers Superfund Site
Gainesville, FL



		WELL ID	FW-2 6/15/2006	FW-3 6/15/2006	FW-4 6/15/2006	FW-5 6/14/2006	FW-6 6/15/2006	FW-7 6/15/2006	FW-8 6/14/2006	FW-8 6/14/2006	MWTP-MW-1 6/14/2006
		SAMPLE DATE	SMP	DUP	SMP						
ANALYTE	Florida GCTL ^(b)	MDL ^(b)	UNITS								
6020											
ARSENIC, Dissolved	10 ⁽³⁾	0.28	µg/L	1.3	54	0.41 J	1.1	13	2.4	2.3	1
CHROMIUM, Dissolved	100 ⁽³⁾	0.12	µg/L	1.7 JB	0.35 JB	0.53 JB	0.24 JB	0.51 JB	0.3 JB	0.17 JB	0.22 JB
COPPER, Dissolved	1000 ⁽⁴⁾	0.29	µg/L	U	U	U	U	U	U	0.31 J	0.26 JB
ZINC, Dissolved	5000 ⁽⁴⁾	1.7	µg/L	U	U	U	U	U	U	7.9 J	U
8260B											
BENZENE	1 ⁽³⁾	0.088	µg/L	U	U	U	U	5.6	U	U	U
ETHYLBENZENE	30 ⁽⁴⁾	0.12	µg/L	U	U	U	U	0.9 J	U	U	U
TOLUENE	40 ⁽⁴⁾	0.13	µg/L	U	0.45 J	U	U	1.4 B	U	U	U
M,P-XYLENES	NA	0.19	µg/L	U	U	U	U	4.4	U	U	U
O-XYLENE	NA	0.083	µg/L	U	U	U	U	1.7 B	U	U	U
Calculated Total Xylenes ⁽¹⁾	20 ⁽⁴⁾	NA	µg/L	U	U	U	U	6.1	U	U	U
Calculated Total BTEX ⁽¹⁾	NA	NA	µg/L	U	0.45	U	U	14	U	U	U
8270C											
Phenols											
2,4-DIMETHYLPHENOL	140	0.58	µg/L	U	8.5	U	U	10	U	U	U
2-METHYLPHENOL	35	0.48	µg/L	U	1.7 JB	U	U	3.7 JB	U	U	U
3&4-METHYLPHENOL	35 / 3.5 ⁽³⁾	0.79	µg/L	U	1.3 JB	U	U	8.9 B	U	U	U
PENTACHLOROPHENOL	1 ⁽³⁾	0.42	µg/L	U	U	U	U	U	U	U	U
PHENOL	10	1.89	µg/L	U	U	U	U	U	U	U	U
PAHs											
2-METHYLNAPHTHALENE	28	0.46	µg/L	U	U	U	U	22	U	U	U
ACENAPHTHENE	20	0.35	µg/L	4.5 J	0.52 J	U	U	57	U	U	U
ACENAPHTHYLENE	210	0.37	µg/L	U	U	U	U	1 J	U	U	U
ANTHRACENE	2100	0.28	µg/L	U	U	U	U	7.3	U	U	U
BENZO(A)ANTHRACENE	0.05	0.61	µg/L	U	U	U	U	0.8 J	U	U	U
BENZO(A)PYRENE	0.2 ⁽³⁾	0.60	µg/L	U	U	U	U	U	U	U	U
BENZO(B)FLUORANTHENE	0.05	0.63	µg/L	U	U	U	U	U	U	U	U
BENZO(G,H)PYRELYENE	210	0.53	µg/L	U	U	U	U	U	U	U	U
BENZO(K)FLUORANTHENE	0.5	0.62	µg/L	U	U	U	U	U	U	U	U
CARBAZOLE	1.8	0.60	µg/L	U	U	U	U	23	U	U	U
CHRYSENE	4.8	0.56	µg/L	U	U	U	U	U	U	U	U
DIBENZO(A,H)ANTHRACENE	0.005	0.61	µg/L	U	U	U	U	U	U	U	U
DIBENZOFURAN	28	0.48	µg/L	U	U	U	U	30	U	U	U
FLUORANTHENE	280	0.28	µg/L	U	U	U	U	22	U	U	U
FLUORENE	280	0.39	µg/L	U	U	U	U	36	U	U	U
INDENO(1,2,3-CD)PYRENE	0.05	0.58	µg/L	U	U	U	U	U	U	U	U
NAPHTHALENE	14	0.85	µg/L	U	U	U	U	450	U	U	U
PHENANTHRENE	210	0.28	µg/L	U	U	U	U	54	U	U	U
PYRENE	210	0.47	µg/L	U	U	U	U	9.5	U	U	U
Calculated Total PAHs ⁽¹⁾	NA	NA	µg/L	4.5	0.52	U	U	712.6	U	U	U

Notes

U - Indicates analyte was not detected above the method detection limit (MDL). If the reporting limit differed from the MDL, it is presented.

B - Blank contamination

J - Indicates result is estimated

⁽¹⁾ Total Xylenes, Total BTEX, and Total PAHs were calculated using a value of zero for results reported as non-detect.

⁽²⁾ Florida Groundwater Cleanup Target Levels (GCTLs) are guidelines as set forth in 62-777 Florida Administrative Code (F.A.C.).

⁽³⁾ Florida GCTL is the Primary Drinking Water Standard as set forth in 62-550 F.A.C.

⁽⁴⁾ Florida GCTL is the Secondary Drinking Water Standard as set forth in 62-550 F.A.C.

⁽⁵⁾ 3-Methylphenol and 4-methylphenol cannot be quantified separately using USEPA SW-846 Method 8270C.

⁽⁶⁾ For phenols and PAHs, the MDL varied between samples and the average MDL is listed.

SMP - Primary field sample

DUP - Field duplicate sample

NA - Not applicable

BTEX - Benzene, toluene, ethylbenzene, and xylenes

PAHs - Polycyclic aromatic hydrocarbons

BOLD text indicates that the detection is above the Florida Groundwater Cleanup Target Level (GCTL).

FIGURE

Florida GCTL	
Benzene	1
Naphthalene	14
2,4-Dimethylphenol	140
2-Methylphenol	35
3 & 4-Methylphenol*	35/3.5
Dissolved Arsenic	10

FW-5 6/14/2006	
Benzene	U
Naphthalene	U
2,4-Dimethylphenol	8.5
2-Methylphenol	1.7 JB
3&4-Methylphenol	1.3 JB
Dissolved Arsenic	2.4

FW-3 6/15/2006	
Benzene	U
Naphthalene	U
2,4-Dimethylphenol	8.5
2-Methylphenol	1.7 JB
3&4-Methylphenol	1.3 JB
Dissolved Arsenic	54

FW-2 6/15/2006	
Benzene	U
Naphthalene	U
2,4-Dimethylphenol	U
2-Methylphenol	U
3&4-Methylphenol	U
Dissolved Arsenic	1.3

FW-9 6/14/2006	
Benzene	U
Naphthalene	U
2,4-Dimethylphenol	U
2-Methylphenol	U
3&4-Methylphenol	U
Dissolved Arsenic	25

LEGEND

MONITORING WELL

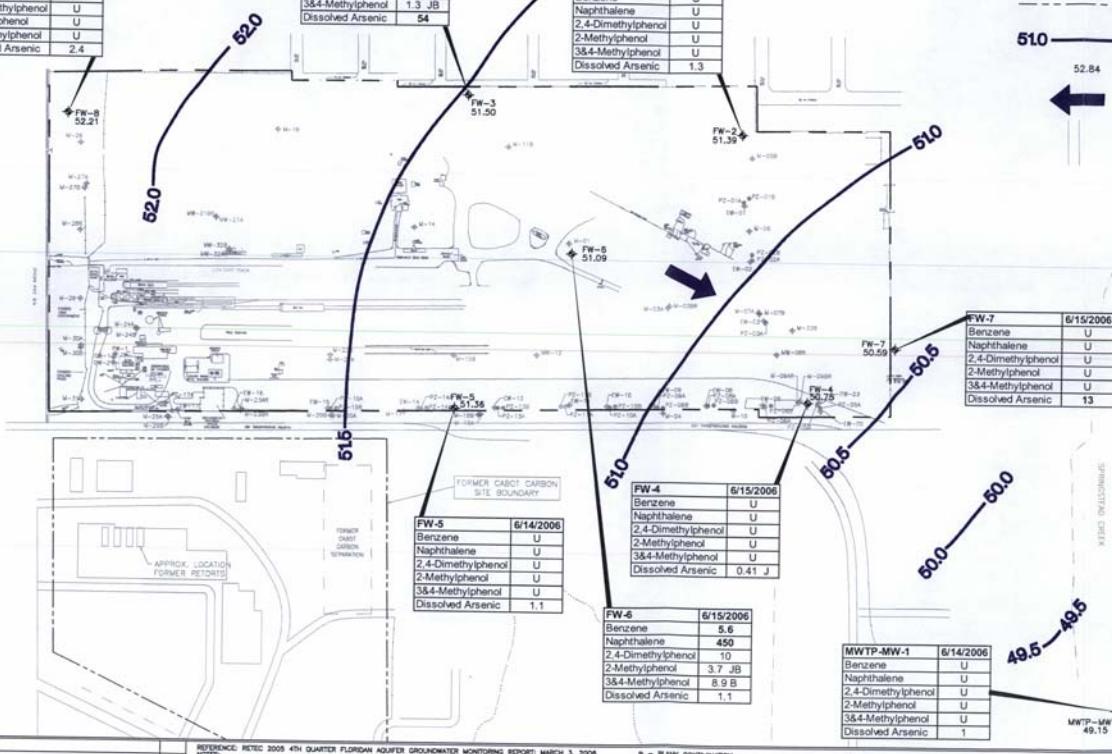
SUBJECT SITE PROPERTY LINE (APPROXIMATE)

FORMER CABOT CARBON SITE BOUNDARY

GROUNDWATER ELEVATION CONTOUR

GROUNDWATER ELEVATION

GROUNDWATER FLOW DIRECTION



**BEAVER EAST, INC.
PITTSBURGH, PENNSYLVANIA**

DRILLING GLC	DATE: 06/01/06	FIELD & TECHNICAL SERVICES, LLC
CHIEF JOH	DATE: 06/01/06	200 THIRD AVENUE
APPROV. NM	DATE: 06/01/06	CARNEGIE, PA 15106
SCALE: 48"	ISSUE DATE: 06/01/06	FTB
2006 SECOND QUARTER FLORIDIAN AQUIFER GROUNDWATER MONITORING REPORT		
CABOT CARBON PLANT - SURROUND SITE		
GAINESVILLE, FLORIDA		
GROUNDWATER CONTOURS AND SPATIAL DISTRIBUTION OF SELECTED CONSTITUENTS OF INTEREST		PROJECT NO. 06-390 FIGURE 1

ATTACHMENT A

FIELD FORMS



GROUNDWATER SAMPLE **WELL NO.:** FW-2
COLLECTION RECORD **PERMIT NO.:**



GROUNDWATER SAMPLE WELL NO.: FW-3
COLLECTION RECORD PERMIT NO.:

Project No.:	045006-091		Client:	BEAZER							
Project Name:	GAINESVILLE		Project Location:	GAINESVILLE, FL							
Weather Conditions:	Sunny 90°		Sampling Date:	6/15/06							
1. WATER LEVEL DATA (measured from top of inner well casing)											
a.	Depth to LNAPL:	N/A	(ft)	b.	Depth to Water:	137.06	(ft)				
c.	Depth to DNAPL:	N/A	(ft)	d.	Total Well Depth:	156.39	(ft)				
e.	LNAPL Thickness:	(a-b)	N/A	(ft)	f.	DNAPL Thickness:	(c-d) N/A	(ft)			
g.	Length of Water Column:	19.33	(ft)	(a-d)							
h.	Well Volume:	3.2	(gal)								
						Conversion Factors (a x cf = h)					
						Well I.D.	Conv. Fact. (cf)				
						1	0.041				
						2	0.163				
						4	0.653				
						6	1.470				
								Water Level (ft)			
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) (±10%)	pH (s.u.) (±0.1)	Spec. Cond. (ms/cm) (±3%)	Eh/ORP (mV) (±10mV)	Diss O2 (mg/L) (±10%)	TURB (NTU) (±10%)			
PRE PURGE VALUES											
1	3	200	27.10	8.46	-223	-258.6	4.80	50			137.10
PURGING VALUES											
2	10	200	24.69	10.11	-213	-246.6	1.93	50			137.12
3	16	200	23.96	9.53	-246	-247.5	1.51	36			137.10
4	22	200	23.98	9.39	-254	-247.1	1.30	30			137.12
5	30	200	23.91	9.30	-264	-246.3	1.38	24			137.16
6	35	200	23.98	9.11	-279	-245.1	1.40	26			137.18
7	40	200	24.00	9.08	-286	-244.8	1.46	26			137.19
8	45	200	24.01	9.07	-287	-244.6	1.49	17			137.20
9	50	200	23.95	9.05	-289	-243.9	1.48	21			137.17
10	55	200	23.93	9.04	-290	-243.3	1.47	19			137.19
3. SAMPLE COLLECTION DATA						Sampling Personnel: S. LEAVER, R. T. PRO					
Sampling Method(s) & Equip:						LOW FLOW, TEFLON LINED TUBING & PUMP					
Sample I.D. (Name, Date, Time): FW-3-06/15/06, 6/15/06						1510					
Sample Analytical Parameters/Method:						BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B					
Sample Start Time: 1510						End Sample Time: 1530					
PID/FID READING(s): N/A						PID/FID Model & Ionization Potential N/A					
ODOR/SHEEN: SLIGHT ODOOR											
COMMENTS: HAD TO PULL PUMP TO CLEAN FOOT VALVE OF SILT @ 1330											



Project No.: 045006-091 Client: BEAZER
Project Name: GAINESVILLE Project Location: GAINESVILLE, FL
Weather Conditions: SUNNY 70° Sampling Date: 6/5/06

1. WATER LEVEL DATA (measured from top of inner well casing)

a. Depth to LNAPL: N/A (ft) b. Depth to Water: 123.16 (ft)
 c. Depth to DNAPL: N/A (ft) d. Total Well Depth: 159.75 (ft)
 e. LNAPL Thickness: (a-b) N/A (ft) f. DNAPL Thickness: (c-d) N/A (ft)
 g. Length of Water Column: 36.59 (ft) (a-d)
 h. Well Volume: 6.0 (gal)

Conversion Factors

2. WELL PURGE DATA

a. Purge Method: LOW FLOW
b. Field Testing Equipment: YSI-556, LAMOTTE-2020
c. Required Total Purge Volume (1f x 2c) (gals.): N/A
d. Total Volume and Number of Well Volumes Removed: N/A
e. Begin Purge Time: 0710 End Purge Time: 0810

Conversion Factors (a x cf = b)	
Well I.D.	Conv. Fact. (cf)
1	0.041
2'	0.163
4	0.653
6	1.470

	Begin Purge Time	End Purge Time									
Read	Lapse Time	Purge Rate	Temp (deg. C)	pH	Spec. Cond.	Eh/ORP	Diss O2	TURB			Water Level
No.	(min.)	ml/min	(±10%)	(±0.1)	(ms/cm)	(mV)	(mg/L)	(NTU)			(ft)

PRE PURGE VALUES

1 3 200 23.79 7.95 .395 -120.7 5.89 36 123.29

PURGING VALUES

2	10	200	22.81	7.61	.408	-144.7	3.13	6		123.35
3	15	200	22.74	7.56	.409	-165.0	1.53	4		123.32
4	20	200	22.75	7.54	.409	-176.4	0.98	0		123.30
5	25	200	22.80	7.54	.409	-177.7	0.85	1		123.31
6	30	200	22.76	7.54	.408	-176.7	0.90	1		123.35
7	35	200	22.78	7.54	.407	-179.9	0.70	0		123.37
8	40	200	22.80	7.54	.406	-181.0	0.68	0		123.39

3. SAMPLE COLLECTION DATA

Sampling Personnel: J. LEAVER R. TIPPETT

Sampling Method(s) & Equip: LOW FLOW, TEFZEL LINED TUBING & PUMP

Sample I.D. (Name, Date, Time): Elv-4-961506 6/5/06

08/5

Sample ID: 1001, Date: 10/10/2018, Lab: 1001, Analyst: 1001, Method: 1001, Status: 1001

Sample Start Time: 08/15

End SampleTime: 0835

PID/FID READING(s) : N/A

PID/FID Model & Ionization Potential N/A

ODOR/SHEEN: NO

COMMENTS:



GROUNDWATER SAMPLE WELL NO.: FW-5
COLLECTION RECORD PERMIT NO.:

Project No.: 045006-091		Client: BEAZER							
Project Name: GAINESVILLE		Project Location: GAINESVILLE, FL							
Weather Conditions: SUNNY 92°		Sampling Date: 6/19/06							
1. WATER LEVEL DATA (measured from top of inner well casing)									
a.	Depth to LNAPL: N/A (ft)	b.	Depth to Water: 130.90 (ft)						
c.	Depth to DNAPL: N/A (ft)	d.	Total Well Depth: 159.91 (ft)						
e.	LNAPL Thickness: (a-b) N/A (ft)	f.	DNAPL Thickness: (c-d) N/A (ft)						
g.	Length of Water Column: 29.01 (ft)	(a-d)							
h.	Well Volume: 4.7 (gal)								
2. WELL PURGE DATA									
a.	Purge Method: LOW FLOW								
b.	Field Testing Equipment: YSI-556, LAMOTTE-2020								
c.	Required Total Purge Volume (1f x 2e) (gals.): N/A								
d.	Total Volume and Number of Well Volumes Removed: N/A								
e.	Begin Purge Time: 1612	End Purge Time: 1704							
				Conversion Factors (a x cf = h)					
	Well I.D.	Conv. Fact. (cf)							
	1	0.041							
	2	0.163							
	4	0.653							
	6	1.470							
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) (±10%)	pH (s.u.) (±0.1)	Spec. Cond. (ms/cm) (±3%)	Eh/ORP (mV) (±10mV)	Diss O2 (mg/L) (±10%)	TURB (NTU) (±10%)	Water Level (ft)
PRE PURGE VALUES									
1	3	200	21.22	7.61	-463	-854	3.50	37	130.44
PURGING VALUES									
2	10	200	21.53	8.27	-441	-197.7	5.19	21	131.31
3	15	160	26.10	8.54	-427	-234.0	3.90	17	131.25
4	20	160	25.80	8.53	-429	-248.6	1.56	11	131.29
5	25		25.71	8.49	-428	-255.6	1.20	9	131.31
6	30		25.59	8.46	-428	-257.1	1.10	8	131.28
7	35		25.41	8.43	-429	-258.4	1.02	6	131.30
8	40		25.37	8.40	-430	-259.0	0.99	11	131.32
9	45		25.34	8.39	-430	-259.5	0.96	8	131.32
10	50	↓	25.32	8.38	-431	-259.9	0.94	7	131.30
3. SAMPLE COLLECTION DATA				Sampling Personnel: JEFF LEAVER					
Sampling Method(s) & Equip: LOW FLOW, TEFLO LINER TUBING & PUMP									
Sample ID. (Name, Date, Time): FW-5-061906, 6/19/06				1710					
Sample Analytical Parameters/Method: BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B									
Sample Start Time: 1710				End Sample Time: 1819					
PID/FID READING(s): N/A				PID/FID Model & Ionization Potential			N/A		
ODOR/SHEEN: NO SHEEN /SEPTIC ODOR									
COMMENTS: TOOK MS/MSD									





**GROUNDWATER SAMPLE WELL NO.:
COLLECTION RECORD PERMIT NO.:**

FW-7

Project No.:	045006-091		Client:	BEAZER							
Project Name:	GAINESVILLE		Project Location:	GAINESVILLE, FL							
Weather Conditions:	<i>Cloudy 84°</i>		Sampling Date:	6/15/06							
1. WATER LEVEL DATA (measured from top of inner well casing)											
a.	Depth to LNAPL:	N/A	(ft)	b.	Depth to Water:	117.96	(ft)				
c.	Depth to DNAPL:	N/A	(ft)	d.	Total Well Depth:	157.20	(ft)				
e.	LNAPL Thickness:	(a-b)	N/A	(ft)	f.	DNAPL Thickness:	(c-d) N/A	(ft)			
g.	Length of Water Column:	39.24		(ft)	(a-d)						
h.	Well Volume:	6.4		(gal)							
						Conversion Factors (a x cf = h)					
2. WELL PURGE DATA		Well I.D.	Conv. Fact. (cf)								
a.	Purge Method:	LOW FLOW				1	0.041				
b.	Field Testing Equipment:	YSI-556, LAMOTTE-2020				2	0.163				
c.	Required Total Purge Volume (1f x 2c) (gals.):	N/A				4	0.653				
d.	Total Volume and Number of Well Volumes Removed:	N/A				6	1.470				
e.	Begin Purge Time:	0910	End Purge Time:	1005							
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) (±10%)	pH (s.u.) (±0.1)	Spec. Cond. (ms/cm) (±3%)	Eh/ORP (mV) (±10mV)	Diss O2 (mg/L) (±10%)	TURB (NTU) (±10%)			Water Level (ft)
PRE PURGE VALUES											
1	2	200	23.95	7.68	-418	-157.4	3.04	13			118.12
PURGING VALUES											
2	10	200	22.60	7.55	-423	-157.2	1.85	21			118.22
3	15	200	22.62	7.54	-423	-157.1	1.25	20			118.30
4	20	200	22.81	7.55	-423	-142.6	0.86	16			118.19
5	26	200	22.57	7.54	-423	-144.6	0.85	14			118.22
6	32	200	22.80	7.55	-423	-130.1	0.95	11			118.26
7	37	200	22.84	7.56	-424	-128.6	0.99	9			118.20
8	42	200	22.86	7.56	-423	-127.7	1.01	7			118.23
9	48	200	22.88	7.56	-423	-126.8	1.03	7			118.28
10	55	200	22.89	7.56	-424	-125.9	1.05	3			118.26
3. SAMPLE COLLECTION DATA						Sampling Personnel: <i>S. LEAVER, R. TIMM</i>					
Sampling Method(s) & Equip:						LOW FLOW, TEFLON LINED TUBING & PUMP					
Sample I.D. (Name, Date, Time): <i>Fw-7-06/15/06</i>						6/15/06 1010					
Sample Analytical Parameters/Method:						BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B					
Sample Start Time: <i>1010</i>						End Sample Time: <i>1030</i>					
PID/FID READING(s): N/A						PID/FID Model & Ionization Potential N/A					
ODOR/SHEEN: NO											
COMMENTS:											



GROUNDWATER SAMPLE **WELL NO.:** FW-8
COLLECTION RECORD **PERMIT NO.:**

Project No.:	045006-091	Client:	BEAZER						
Project Name:	GAINESVILLE	Project Location:	GAINESVILLE, FL						
Weather Conditions:	SUNNY 89°	Sampling Date:	6/4/06						
1. WATER LEVEL DATA (measured from top of inner well casing)									
a. Depth to LNAPL:	N/A (ft)	b. Depth to Water:	134.75 (ft)						
c. Depth to DNAPL:	N/A (ft)	d. Total Well Depth:	162.50 (ft)						
e. LNAPL Thickness:	(a-b) N/A (ft)	f. DNAPL Thickness:	(c-d) N/A (ft)						
g. Length of Water Column:	17.75 (ft)	(a-d)							
h. Well Volume:	2.9 (gal)								
2. WELL PURGE DATA									
a. Purge Method:	LOW FLOW	Conversion Factors (a x cf = h)							
b. Field Testing Equipment:	YSI-556, LAMOTTE-2020	Well I.D.	Conv. Fact. (cf)						
c. Required Total Purge Volume (1f x 2c) (gals.):	N/A	1	0.041						
d. Total Volume and Number of Well Volumes Removed:	N/A	2	0.163						
e. Begin Purge Time: 1255	End Purge Time: 1350	4	0.653						
		6	1.470						
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) (±10%)	pH (s.u.) (±0.1)	Spec. Cond. (ms/cm) (±3%)	Eh/ORP (mV) (±10mV)	Diss O2 (mg/L) (±10%)	TURB (NTU) (±10%)	Water Level (ft)
PRE PURGE VALUES									
1	4	150	29.40	7.57	.468	-95.1	4.10	106	134.78
PURGING VALUES									
2	10	150	23.71	7.52	.428	-11.5	2.69	18	134.80
3	15		23.68	7.52	.427	-12.7	2.66	11	134.80
4	20		23.59	7.52	.427	-14.1	2.61	9	134.81
5	25		23.49	7.51	.427	-15.7	2.70	6	134.81
6	32		23.48	7.51	.426	-16.3	2.71	4	134.81
7	40		23.47	7.51	.426	-16.7	2.74	5	134.82
8	50	↓	23.47	7.51	.425	-16.9	2.77	3	134.82
3. SAMPLE COLLECTION DATA									
Sampling Method(s) & Equip: LOW FLOW, TEFLO LINER TUBING & PUMP								Sampling Personnel: SEFF LEAVER	
Sample I.D. (Name, Date, Time): FW-8-061406, 6/4/06								1400	
Sample Analytical Parameters/Method: BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B									
Sample Start Time: 1400					End Sample Time: 1420				
PID/FID READING(s): N/A					PID/FID Model & Ionization Potential N/A				
ODOR/SHEEN: NO									
COMMENTS: TOOK DVP01									



**GROUNDWATER SAMPLE WELL NO.: FW-9
COLLECTION RECORD PERMIT NO.:**

Project No.:	045006-091		Client:	BEAZER														
Project Name:	GAINESVILLE		Project Location:	GAINESVILLE, FL														
Weather Conditions:	Sunny 90°		Sampling Date:	6/4/06														
1. WATER LEVEL DATA (measured from top of inner well casing)																		
a.	Depth to LNAPL:	N/A	(ft)	b.	Depth to Water:	133.17	(ft)											
c.	Depth to DNAPL:	N/A	(ft)	d.	Total Well Depth:	155.80	(ft)											
e.	LNAPL Thickness:	(a-b)	N/A	(ft)	f.	DNAPL Thickness:	(c-d)	N/A	(ft)									
g.	Length of Water Column:	22.63		(ft)	(a-d)													
h.	Well Volume:	3.7		(gal)														
						Conversion Factors (a x cf = h) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Well I.D.</td> <td>Conv. Fact. (cf)</td> </tr> <tr> <td>1</td> <td>0.041</td> </tr> <tr> <td>2</td> <td>0.163</td> </tr> <tr> <td>4</td> <td>0.653</td> </tr> <tr> <td>6</td> <td>1.470</td> </tr> </table>			Well I.D.	Conv. Fact. (cf)	1	0.041	2	0.163	4	0.653	6	1.470
Well I.D.	Conv. Fact. (cf)																	
1	0.041																	
2	0.163																	
4	0.653																	
6	1.470																	
2. WELL PURGE DATA																		
a.	Purge Method:	LOW FLOW																
b.	Field Testing Equipment:	YSI-556, LAMOTTE-2020																
c.	Required Total Purge Volume (1f x 2c) (gals.):	N/A																
d.	Total Volume and Number of Well Volumes Removed:	N/A																
e.	Begin Purge Time:	1450				End Purge Time:	1535											
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) ±10%	pH ±0.1	Spec. Cond. ±3%	Eh/ORP ±10mV	Diss O2 (mg/L) ±10%	TURB (NTU) ±10%	Water Level (ft)									
PRE PURGE VALUES																		
1	3	150	28.20	7.65	.436	2.1	4.16	20	133.12									
PURGING VALUES																		
2	8	150	25.44	7.58	.462	-116.9	4.71	16	133.18									
3	15		23.46	7.47	.464	-117.3	2.13	13	133.19									
4	20		23.44	7.48	.465	-116.1	2.26	10	133.14									
5	25		23.39	7.46	.464	-112.9	2.39	7	133.17									
6	30		23.34	7.46	.464	-111.5	2.43	9	133.19									
7	35		23.35	7.47	.464	-109.9	2.49	5	133.17									
8	40		23.33	7.48	.464	-109.2	2.51	7	133.20									
9	45	↓	23.32	7.48	.465	-108.7	2.50	7	133.20									
3. SAMPLE COLLECTION DATA						Sampling Personnel: <u>JEFF LEAVER</u>												
Sampling Method(s) & Equip: LOW FLOW, TEFLON LINED TUBING & PUMP																		
Sample ID. (Name, Date, Time): FW-9-06/406, 6/4/06						1540												
Sample Analytical Parameters/Method: BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B																		
Sample Start Time: 1540						End Sample Time: 1600												
PID/FID READING(s): N/A						PID/FID Model & Ionization Potential N/A												
ODOR/SHEEN: NO																		
COMMENTS:																		



GROUNDWATER SAMPLE WELL NO.: MWTP-MW-1
COLLECTION RECORD PERMIT NO.:

Project No.:	045006-091		Client:	BEAZER													
Project Name:	GAINESVILLE		Project Location:	GAINESVILLE, FL													
Weather Conditions:	P. SUNNY 78°		Sampling Date:	6/4/06													
1. WATER LEVEL DATA (measured from top of inner well casing)																	
a.	Depth to LNAPL:	N/A	(ft)	b.	Depth to Water:	111-79	(ft)										
c.	Depth to DNAPL:	N/A	(ft)	d.	Total Well Depth:	169-00	(ft)										
e.	LNAPL Thickness:	(a-b)	N/A (ft)	f.	DNAPL Thickness:	(c-d) N/A	(ft)										
g.	Length of Water Column:	57.21	(ft)	(a-d)													
h.	Well Volume:	9.3	(gal)														
2. WELL PURGE DATA						Conversion Factors $(a \times cf = h)$ <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Well ID.</td> <td>Conv. Fact. (cf)</td> </tr> <tr> <td>1</td> <td>0.041</td> </tr> <tr> <td>2</td> <td>0.163</td> </tr> <tr> <td>4</td> <td>0.653</td> </tr> <tr> <td>6</td> <td>1.470</td> </tr> </table>		Well ID.	Conv. Fact. (cf)	1	0.041	2	0.163	4	0.653	6	1.470
Well ID.	Conv. Fact. (cf)																
1	0.041																
2	0.163																
4	0.653																
6	1.470																
a.	Purge Method:	LOW FLOW															
b.	Field Testing Equipment:	YSI-556, LAMOTTE-2020															
c.	Required Total Purge Volume (1f x 2c) (gals.):	N/A															
d.	Total Volume and Number of Well Volumes Removed:	N/A															
e.	Begin Purge Time:	1035	End Purge Time:	1135													
Read No.	Lapse Time (min.)	Purge Rate ml/min	Temp (deg. C) ±10%	pH (s.u.) ±0.1	Spec. Cond. (ms/cm) ±3%	Eh/ORP (mV) ±10mV	Diss O2 (mg/L) ±10%	TURB (NTU) ±10%			Water Level (ft)						
PRE PURGE VALUES																	
1	4	100	25.46	8.07	-554	-155.2	3.24	137			111.82						
PURGING VALUES																	
2	10	100	25.28	7.38	.559	-162.4	2.37	153			111.88						
3	15	100	24.96	7.35	.558	-163.0	2.00	197			111.90						
4	20		24.88	7.33	.558	-164.9	1.97	133			111.91						
5	25		24.83	7.30	.557	-164.9	1.79	100			111.91						
6	30		24.80	7.28	.557	-165.7	1.72	94			111.90						
7	36		24.84	7.30	.556	-167.4	1.47	90			111.89						
8	42		24.86	7.31	.555	-164.4	1.49	87			111.87						
9	50		24.88	7.30	.555	-164.6	1.40	89			111.89						
10	56		24.90	7.29	.554	-164.1	1.44	85			111.90						
11	60	V	24.91	7.29	.554	-163.7	1.46	88			111.90						
3. SAMPLE COLLECTION DATA																	
Sampling Method(s) & Equip:						Sampling Personnel: <u>JEFF LEAKER</u>											
LOW FLOW, TEFLON LINED TUBING & PUMP																	
Sample ID. (Name, Date, Time): <u>MWTP-MW-1 - 06/4/06</u>						, 1140											
Sample Analytical Parameters/Method:						BTEX-8021B, SVOC'S-8270C, DISS.As/Cr/Cu/Zn-6010B											
Sample Start Time: 1140						End Sample Time: 1210											
PID/FID READING(s): N/A						PID/FID Model & Ionization Potential N/A											
ODOR/SHEEN: NO																	
COMMENTS:																	

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PAGE 1 OF 2

SR #

CAS Contact

Project Name BEAZER / GAINESVILLE		Project Number 045006-091	ANALYSIS REQUESTED (Include Method Number and Container Preservative)												
Project Manager KAREN FROMME		Email Address		PRESERVATIVE		1		0		2					
Company/Address FTS 200 THIRD AVE CARNEGIE, PA 15106				NUMBER OF CONTAINERS	VOC's 8021 8025 8270 DISS. ASCE/CUZ (60108)	FAX# (412) 279-4332	Phone # (412) 279-3363	Preservative Key							
Sampler's Signature Jeff Leaver		Sampler's Printed Name JEFF LEAVER						0. NONE 1. HCl 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____							
CLIENT SAMPLE ID		LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	6	X	X	X	X	X	X	X	X	X
MWTP-MW-1-061406			6/14/06	1140	GW										
FW-8-061406				1400											
FW-9-061406				1540											
DUP-01-061406				—											
FW-5-061406				1710											
FW-5-MS-061406				1710											
FW-5-MSD-061406				1710											
EB-01-061406				1220											
FB-01-061406				1620			↓	↓	↓						
FILTER BLANK-061406				1230	V	I									
SPECIAL INSTRUCTIONS/COMMENTS															
See QAPP <input type="checkbox"/>								TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION			
								RUSH (SURCHARGES APPLY)		I. Results Only					
								STANDARD		II. Results + QC Summaries (LCS, DUP, MSD/MSD as required)		PO#			
								REQUESTED FAX DATE		III. Results + QC and Calibration Summaries		BILL TO:			
								REQUESTED REPORT DATE		IV. Data Validation Report with Raw Data					
										V. Specialized Forms / Custom Report					
										Edata <input type="checkbox"/> Yes <input type="checkbox"/> No					
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY					
Signature Jeff Leaver		Signature FED-EX		Signature		Signature		Signature		Signature					
Printed Name EPM / FTS		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name					
Firm 6/15/06 1800		Firm		Firm		Firm		Firm		Firm					
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time			

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-01/12/06-07



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PAGE 2 OF 2

SR #

CAS Contact

Project Name BEAZER/GAINESVILLE		Project Number 095006-091		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager KAREN FROMME		Email Address		PRESERVATIVE		1		0		2							
Company/Address FTS 200 THIRD AVE CARNEGIE, PA 15106		Phone # (412) 279-3363		FAX# (412) 279-4332		NUMBER OF CONTAINERS		BTX		B2118		C					
Sampler's Signature <i>Jeff Leaver</i>		Sampler's Printed Name JEFF LEAVER						SDS		B270		DSS-METALS 1600B					
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE		TIME		MATRIX									
TRIP BLANK-				6/15/06		—		—		3 X							
EB-02-061506						0720		GW		6 X X X							
FW-4-061506						0815											
FW-7-061506						1010											
FW-2-061506						1245											
FW-3-061506						1510											
FW-6-061506						↓ 1620		↓		↓		↓					

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
Signature <i>Jeff Leaver</i>	Signature <i>Jeff Leaver</i>	Received By FEDEX	Received By FEDEX	Relinquished By Jeff Leaver	Relinquished By Jeff Leaver	Received By Jeff Leaver	Received By Jeff Leaver	Relinquished By Jeff Leaver	Relinquished By Jeff Leaver	Received By Jeff Leaver	Received By Jeff Leaver
Printed Name EFM/FTS	Printed Name EFM/FTS	Printed Name 6/15/06 1800	Printed Name 6/15/06 1800	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver	Printed Name Jeff Leaver
Date/Time 6/15/06	Date/Time 6/15/06	Firm 1800	Firm 1800	Date/Time 6/15/06	Date/Time 6/15/06	Firm 1800	Firm 1800	Date/Time 6/15/06	Date/Time 6/15/06	Firm 1800	Firm 1800

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-01/12/06-07

Preservative Key
0. NONE
1. HCl
2. HNO₃
3. H₂SO₄
4. NaOH
5. Zn Acetate
6. MeOH
7. NaHSO₄
8. Other _____

REMARKS/
ALTERNATE DESCRIPTION

ATTACHMENT B
ANALYTICAL LABORATORY REPORT

June 30, 2006

Service Request No: J0602960

Angela Gatchie
Field and Technical Services, LLC
200 Third Avenue
Carnegie, PA 15106

RE: BEAZER/GAINESVILLE/045006-091

Dear Angela:

Enclosed are the results of the sample(s) submitted to our laboratory on June 16, 2006. For your reference, these analyses have been assigned our service request number J0602960.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 289. You may also contact me via email at TKissinger@jax.caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.



Tom Kissinger
Project Chemist

Page 1 of 78

Laboratory Manager: Greg Jordan
Quality Assurance Officer: Kathy Brungard

*CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/06.
Other state accreditations include: Arkansas, #88-0600 valid through 1/12/06; Georgia, #904
valid through 6/30/05; Louisiana, #02086 valid through 6/30/06; North Carolina, #527 valid
through 12/31/05; and South Carolina, #96021 valid through 6/30/06.*

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Beazer East, Inc.	Service Request No.:	J0602960
Project:	BEAZER/GAINSVILLE	Date Received:	6/16/06
Sample Matrix:	water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables, including results of QC samples analyzed from this delivery group. When appropriate to the procedure, method blank results have been reported with each analytical test. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Parameters that are included in the NELAC Fields of Testing but are not included in the lab's NELAC accreditation are identified in the discussion of each analytical procedure.

Sample Receipt

15 water samples were received for analysis at Columbia Analytical Services on 6/16/06. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at $4\pm2^{\circ}\text{C}$ upon receipt at the lab except for aqueous samples designated for metals analyses, which were stored at room temperature.

Volatile Organic Compounds by GC-MS

No problems were observed with this delivery group.

Semivolatile Organics by GC-MS

No problems were observed with this delivery group.

Metals by ICP-MS

No problems were observed with this delivery group.

Approved by Tan D. Hissung Date 6/30/06

Florida DEP Data Qualifiers

- B Results based upon colony counts outside the acceptable range.
- D Measurement was made in the field.
- H Value based on field kit determination; results may not be accurate.
- i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J Estimated value (one of the following reasons is discussed in the project case narrative).
 - 1. The result may be inaccurate because the surrogate recovery limits have been exceeded.
 - 2. No known quality control criteria exists for the component.
 - 3. The reported value failed to meet the established quality control criteria for either precision or accuracy.
 - 4. The sample matrix interfered with the ability to make any accurate determination (e.g., primary and confirmation results show greater than 40% RPD).
 - 5. The data is questionable because of improper laboratory or field protocols (e.g., GC/MS Tune did not meet method criteria).
- K Off scale low. The value is less than the lowest calibration standard but greater than the method reporting limit (MRL).
- L Off scale high. The analyte is above the upper limit of the linear calibration range.
- M The MDL/MRL has been elevated because the analyte could not be accurately quantified due to matrix interference.
- N Presumptive evidence of the analyte. Confirmation was not performed.
- Q Sample held beyond the accepted holding time.
- T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only.
- U Indicates that the compound was analyzed for but not detected.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- Y The laboratory analysis was from an improperly preserved sample.
- Z Too many colonies were present (TNTC). The numeric value represents the filtration volume.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Field and Technical Services, LLC
Project: BEAZER/GAINESVILLE/045006-091

Service Request: J0602960

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
J0602960-001	MWTP-MW-1-061406	06/14/06	11:40
J0602960-002	FW-8-061406	06/14/06	14:00
J0602960-003	FW-9-061406	06/14/06	15:40
J0602960-004	DUP-01-061406	06/14/06	00:00
J0602960-005	FW-5-061406	06/14/06	17:10
J0602960-006	EB-01-061406	06/14/06	12:20
J0602960-007	FB-01-061406	06/14/06	16:20
J0602960-008	FILTER BLANK-061406	06/14/06	12:30
J0602960-009	TRIP BLANK	06/14/06	00:00
J0602960-010	EB-02-061506	06/14/06	07:20
J0602960-011	FW-4-061506	06/14/06	08:15
J0602960-012	FW-7-061506	06/14/06	10:10
J0602960-013	FW-2-061506	06/14/06	12:45
J0602960-014	FW-3-061506	06/14/06	15:10
J0602960-015	FW-6-061506	06/14/06	16:20

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: MWTP-MW-1-061406**Units:** ug/L**Lab Code:** J0602960-001**Basis:** NA**Extraction Method:** EPA 5030B**Level:** Low**Analysis Method:** 8260B

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	99	79-120	06/19/06	Acceptable
Toluene-d8	107	88-117	06/19/06	Acceptable
Dibromofluoromethane	96	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-8-061406
Lab Code: J0602960-002
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	98	79-120	06/19/06	Acceptable
Toluene-d8	108	88-117	06/19/06	Acceptable
Dibromofluoromethane	96	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-9-061406 **Units:** ug/L
Lab Code: J0602960-003 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	96	79-120	06/19/06	Acceptable
Toluene-d8	110	88-117	06/19/06	Acceptable
Dibromofluoromethane	98	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
Date Collected: 06/14/2006 **Date Received:** 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: DUP-01-061406 **Units:** ug/L
Lab Code: J0602960-004 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	98	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	97	79-120	06/19/06	Acceptable
Toluene-d8	108	88-117	06/19/06	Acceptable
Dibromofluoromethane	98	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-5-061406 **Units:** ug/L
Lab Code: J0602960-005 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	96	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	97	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: EB-01-061406 **Units:** ug/L
Lab Code: J0602960-006 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	95	79-120	06/19/06	Acceptable
Toluene-d8	108	88-117	06/19/06	Acceptable
Dibromofluoromethane	97	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FB-01-061406 **Units:** ug/L
Lab Code: J0602960-007 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	96	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	98	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name:	TRIP BLANK	Units:	ug/L
Lab Code:	J0602960-009	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	96	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	97	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: EB-02-061506

Units: ug/L

Lab Code: J0602960-010

Basis: NA

Extraction Method: EPA 5030B

Level: Low

Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	0.80	I	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	0.85	I	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
<i>o</i>-Xylene	0.69	I	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	94	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	97	82-116	06/19/06	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-4-061506 **Units:** ug/L
Lab Code: J0602960-011 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	97	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	96	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	98	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-7-061506 **Units:** ug/L
Lab Code: J0602960-012 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	94	79-120	06/19/06	Acceptable
Toluene-d8	110	88-117	06/19/06	Acceptable
Dibromofluoromethane	99	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-2-061506 **Units:** ug/L
Lab Code: J0602960-013 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	97	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	93	79-120	06/19/06	Acceptable
Toluene-d8	108	88-117	06/19/06	Acceptable
Dibromofluoromethane	100	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-3-061506 **Units:** ug/L
Lab Code: J0602960-014 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	0.45	I	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	95	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	95	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Volatile Organic Compounds by GC/MS

Sample Name: FW-6-061506 **Units:** ug/L
Lab Code: J0602960-015 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	5.6	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	1.4	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	0.90 I	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	4.4	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	1.7	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	94	79-120	06/19/06	Acceptable
Toluene-d8	109	88-117	06/19/06	Acceptable
Dibromofluoromethane	98	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Units:** ug/L
Lab Code: JWG0601894-4 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.088	1	06/19/06	06/19/06	JWG0601894	
Toluene	ND	U	1.0	0.13	1	06/19/06	06/19/06	JWG0601894	
Ethylbenzene	ND	U	1.0	0.12	1	06/19/06	06/19/06	JWG0601894	
m,p-Xylenes	ND	U	2.0	0.19	1	06/19/06	06/19/06	JWG0601894	
o-Xylene	ND	U	1.0	0.083	1	06/19/06	06/19/06	JWG0601894	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	06/19/06	Acceptable
4-Bromofluorobenzene	99	79-120	06/19/06	Acceptable
Toluene-d8	108	88-117	06/19/06	Acceptable
Dibromofluoromethane	97	82-116	06/19/06	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: MWTP-MW-1-061406**Units:** ug/L**Lab Code:** J0602960-001**Basis:** NA**Extraction Method:** EPA 3510**Level:** Low**Analysis Method:** 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.7	2.0	1	06/21/06	06/28/06	JWG0601938	
2-Methylphenol	ND	U	5.7	0.50	1	06/21/06	06/28/06	JWG0601938	
4-Methylphenol†	ND	U	5.7	0.83	1	06/21/06	06/28/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.7	0.61	1	06/21/06	06/28/06	JWG0601938	
Naphthalene	ND	U	5.7	0.47	1	06/21/06	06/28/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.7	0.48	1	06/21/06	06/28/06	JWG0601938	
Acenaphthylene	ND	U	5.7	0.39	1	06/21/06	06/28/06	JWG0601938	
Acenaphthene	ND	U	5.7	0.37	1	06/21/06	06/28/06	JWG0601938	
Dibenzofuran	ND	U	5.7	0.50	1	06/21/06	06/28/06	JWG0601938	
Fluorene	ND	U	5.7	0.41	1	06/21/06	06/28/06	JWG0601938	
Pentachlorophenol	ND	U	23	0.45	1	06/21/06	06/28/06	JWG0601938	
Phenanthrene	ND	U	5.7	0.30	1	06/21/06	06/28/06	JWG0601938	
Anthracene	ND	U	5.7	0.30	1	06/21/06	06/28/06	JWG0601938	
Carbazole	ND	U	5.7	0.63	1	06/21/06	06/28/06	JWG0601938	
Fluoranthene	ND	U	5.7	0.30	1	06/21/06	06/28/06	JWG0601938	
Pyrene	ND	U	5.7	0.49	1	06/21/06	06/28/06	JWG0601938	
Benz(a)anthracene	ND	U	5.7	0.64	1	06/21/06	06/28/06	JWG0601938	
Chrysene	ND	U	5.7	0.58	1	06/21/06	06/28/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.7	0.66	1	06/21/06	06/28/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.7	0.65	1	06/21/06	06/28/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.7	0.63	1	06/21/06	06/28/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.61	1	06/21/06	06/28/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.7	0.64	1	06/21/06	06/28/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.7	0.56	1	06/21/06	06/28/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: MWTP-MW-1-061406 **Units:** ug/L
Lab Code: J0602960-001 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	42	10-77	06/28/06	Acceptable
Phenol-d6	30	10-51	06/28/06	Acceptable
Nitrobenzene-d5	53	42-106	06/28/06	Acceptable
2-Fluorobiphenyl	70	43-99	06/28/06	Acceptable
2,4,6-Tribromophenol	81	30-141	06/28/06	Acceptable
Terphenyl-d14	70	23-165	06/28/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
 Date Collected: 06/14/2006
 Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-8-061406 **Units:** ug/L
Lab Code: J0602960-002 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.5	1.9	1	06/21/06	06/28/06	JWG0601938	
2-Methylphenol	ND	U	5.5	0.49	1	06/21/06	06/28/06	JWG0601938	
4-Methylphenol†	ND	U	5.5	0.81	1	06/21/06	06/28/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.5	0.59	1	06/21/06	06/28/06	JWG0601938	
Naphthalene	ND	U	5.5	0.46	1	06/21/06	06/28/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.5	0.47	1	06/21/06	06/28/06	JWG0601938	
Acenaphthylene	ND	U	5.5	0.38	1	06/21/06	06/28/06	JWG0601938	
Acenaphthene	ND	U	5.5	0.36	1	06/21/06	06/28/06	JWG0601938	
Dibenzofuran	ND	U	5.5	0.49	1	06/21/06	06/28/06	JWG0601938	
Fluorene	ND	U	5.5	0.40	1	06/21/06	06/28/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.43	1	06/21/06	06/28/06	JWG0601938	
Phenanthrene	ND	U	5.5	0.29	1	06/21/06	06/28/06	JWG0601938	
Anthracene	ND	U	5.5	0.29	1	06/21/06	06/28/06	JWG0601938	
Carbazole	ND	U	5.5	0.61	1	06/21/06	06/28/06	JWG0601938	
Fluoranthene	ND	U	5.5	0.29	1	06/21/06	06/28/06	JWG0601938	
Pyrene	ND	U	5.5	0.48	1	06/21/06	06/28/06	JWG0601938	
Benz(a)anthracene	ND	U	5.5	0.62	1	06/21/06	06/28/06	JWG0601938	
Chrysene	ND	U	5.5	0.57	1	06/21/06	06/28/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.5	0.64	1	06/21/06	06/28/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.5	0.63	1	06/21/06	06/28/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.5	0.61	1	06/21/06	06/28/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.5	0.59	1	06/21/06	06/28/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.5	0.62	1	06/21/06	06/28/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.5	0.54	1	06/21/06	06/28/06	JWG0601938	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-8-061406 **Units:** ug/L
Lab Code: J0602960-002 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	38	10-77	06/28/06	Acceptable
Phenol-d6	28	10-51	06/28/06	Acceptable
Nitrobenzene-d5	62	42-106	06/28/06	Acceptable
2-Fluorobiphenyl	74	43-99	06/28/06	Acceptable
2,4,6-Tribromophenol	82	30-141	06/28/06	Acceptable
Terphenyl-d14	71	23-165	06/28/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
 Date Collected: 06/14/2006
 Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-9-061406 **Units:** ug/L
Lab Code: J0602960-003 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.4	1.9	1	06/21/06	06/28/06	JWG0601938	
2-Methylphenol	ND	U	5.4	0.48	1	06/21/06	06/28/06	JWG0601938	
4-Methylphenol†	ND	U	5.4	0.79	1	06/21/06	06/28/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.4	0.57	1	06/21/06	06/28/06	JWG0601938	
Naphthalene	ND	U	5.4	0.45	1	06/21/06	06/28/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.4	0.46	1	06/21/06	06/28/06	JWG0601938	
Acenaphthylene	ND	U	5.4	0.37	1	06/21/06	06/28/06	JWG0601938	
Acenaphthene	ND	U	5.4	0.35	1	06/21/06	06/28/06	JWG0601938	
Dibenzofuran	ND	U	5.4	0.48	1	06/21/06	06/28/06	JWG0601938	
Fluorene	ND	U	5.4	0.39	1	06/21/06	06/28/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/28/06	JWG0601938	
Phenanthrene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Anthracene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Carbazole	ND	U	5.4	0.60	1	06/21/06	06/28/06	JWG0601938	
Fluoranthene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Pyrene	ND	U	5.4	0.47	1	06/21/06	06/28/06	JWG0601938	
Benz(a)anthracene	ND	U	5.4	0.61	1	06/21/06	06/28/06	JWG0601938	
Chrysene	ND	U	5.4	0.55	1	06/21/06	06/28/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.4	0.63	1	06/21/06	06/28/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.4	0.62	1	06/21/06	06/28/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.4	0.60	1	06/21/06	06/28/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.57	1	06/21/06	06/28/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.4	0.61	1	06/21/06	06/28/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.4	0.53	1	06/21/06	06/28/06	JWG0601938	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-9-061406 **Units:** ug/L
Lab Code: J0602960-003 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	40	10-77	06/28/06	Acceptable
Phenol-d6	26	10-51	06/28/06	Acceptable
Nitrobenzene-d5	55	42-106	06/28/06	Acceptable
2-Fluorobiphenyl	70	43-99	06/28/06	Acceptable
2,4,6-Tribromophenol	83	30-141	06/28/06	Acceptable
Terphenyl-d14	72	23-165	06/28/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
 Date Collected: 06/14/2006
 Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: DUP-01-061406 **Units:** ug/L
Lab Code: J0602960-004 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.4	1.9	1	06/21/06	06/28/06	JWG0601938	
2-Methylphenol	ND	U	5.4	0.48	1	06/21/06	06/28/06	JWG0601938	
4-Methylphenol†	ND	U	5.4	0.79	1	06/21/06	06/28/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.4	0.57	1	06/21/06	06/28/06	JWG0601938	
Naphthalene	ND	U	5.4	0.45	1	06/21/06	06/28/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.4	0.46	1	06/21/06	06/28/06	JWG0601938	
Acenaphthylene	ND	U	5.4	0.37	1	06/21/06	06/28/06	JWG0601938	
Acenaphthene	ND	U	5.4	0.35	1	06/21/06	06/28/06	JWG0601938	
Dibenzofuran	ND	U	5.4	0.48	1	06/21/06	06/28/06	JWG0601938	
Fluorene	ND	U	5.4	0.39	1	06/21/06	06/28/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/28/06	JWG0601938	
Phenanthrene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Anthracene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Carbazole	ND	U	5.4	0.60	1	06/21/06	06/28/06	JWG0601938	
Fluoranthene	ND	U	5.4	0.28	1	06/21/06	06/28/06	JWG0601938	
Pyrene	ND	U	5.4	0.47	1	06/21/06	06/28/06	JWG0601938	
Benz(a)anthracene	ND	U	5.4	0.61	1	06/21/06	06/28/06	JWG0601938	
Chrysene	ND	U	5.4	0.55	1	06/21/06	06/28/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.4	0.63	1	06/21/06	06/28/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.4	0.62	1	06/21/06	06/28/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.4	0.60	1	06/21/06	06/28/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.57	1	06/21/06	06/28/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.4	0.61	1	06/21/06	06/28/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.4	0.53	1	06/21/06	06/28/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: DUP-01-061406
Lab Code: J0602960-004

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	36	10-77	06/28/06	Acceptable
Phenol-d6	26	10-51	06/28/06	Acceptable
Nitrobenzene-d5	60	42-106	06/28/06	Acceptable
2-Fluorobiphenyl	74	43-99	06/28/06	Acceptable
2,4,6-Tribromophenol	81	30-141	06/28/06	Acceptable
Terphenyl-d14	73	23-165	06/28/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
 Date Collected: 06/14/2006
 Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-5-061406 **Units:** ug/L
Lab Code: J0602960-005 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.7	2.0	1	06/21/06	06/27/06	JWG0601938	
2-Methylphenol	ND	U	5.7	0.50	1	06/21/06	06/27/06	JWG0601938	
4-Methylphenol†	ND	U	5.7	0.83	1	06/21/06	06/27/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.7	0.60	1	06/21/06	06/27/06	JWG0601938	
Naphthalene	ND	U	5.7	0.47	1	06/21/06	06/27/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.7	0.48	1	06/21/06	06/27/06	JWG0601938	
Acenaphthylene	ND	U	5.7	0.39	1	06/21/06	06/27/06	JWG0601938	
Acenaphthene	ND	U	5.7	0.36	1	06/21/06	06/27/06	JWG0601938	
Dibenzofuran	ND	U	5.7	0.50	1	06/21/06	06/27/06	JWG0601938	
Fluorene	ND	U	5.7	0.41	1	06/21/06	06/27/06	JWG0601938	
Pentachlorophenol	ND	U	23	0.44	1	06/21/06	06/27/06	JWG0601938	
Phenanthrene	ND	U	5.7	0.30	1	06/21/06	06/27/06	JWG0601938	
Anthracene	ND	U	5.7	0.30	1	06/21/06	06/27/06	JWG0601938	
Carbazole	ND	U	5.7	0.62	1	06/21/06	06/27/06	JWG0601938	
Fluoranthene	ND	U	5.7	0.30	1	06/21/06	06/27/06	JWG0601938	
Pyrene	ND	U	5.7	0.49	1	06/21/06	06/27/06	JWG0601938	
Benz(a)anthracene	ND	U	5.7	0.63	1	06/21/06	06/27/06	JWG0601938	
Chrysene	ND	U	5.7	0.58	1	06/21/06	06/27/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.7	0.66	1	06/21/06	06/27/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.7	0.65	1	06/21/06	06/27/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.7	0.62	1	06/21/06	06/27/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.60	1	06/21/06	06/27/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.7	0.63	1	06/21/06	06/27/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.7	0.56	1	06/21/06	06/27/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-5-061406 **Units:** ug/L
Lab Code: J0602960-005 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	47	10-77	06/27/06	Acceptable
Phenol-d6	26	10-51	06/27/06	Acceptable
Nitrobenzene-d5	83	42-106	06/27/06	Acceptable
2-Fluorobiphenyl	73	43-99	06/27/06	Acceptable
2,4,6-Tribromophenol	134	30-141	06/27/06	Acceptable
Terphenyl-d14	99	23-165	06/27/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-01-061406**Units:** ug/L**Lab Code:** J0602960-006**Basis:** NA**Extraction Method:** EPA 3510**Level:** Low**Analysis Method:** 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.3	1.8	1	06/21/06	06/28/06	JWG0601938	
2-Methylphenol	ND	U	5.3	0.47	1	06/21/06	06/28/06	JWG0601938	
4-Methylphenol†	ND	U	5.3	0.77	1	06/21/06	06/28/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.3	0.56	1	06/21/06	06/28/06	JWG0601938	
Naphthalene	ND	U	5.3	0.44	1	06/21/06	06/28/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.3	0.45	1	06/21/06	06/28/06	JWG0601938	
Acenaphthylene	ND	U	5.3	0.36	1	06/21/06	06/28/06	JWG0601938	
Acenaphthene	ND	U	5.3	0.34	1	06/21/06	06/28/06	JWG0601938	
Dibenzofuran	ND	U	5.3	0.47	1	06/21/06	06/28/06	JWG0601938	
Fluorene	ND	U	5.3	0.38	1	06/21/06	06/28/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/28/06	JWG0601938	
Phenanthrene	ND	U	5.3	0.28	1	06/21/06	06/28/06	JWG0601938	
Anthracene	ND	U	5.3	0.28	1	06/21/06	06/28/06	JWG0601938	
Carbazole	ND	U	5.3	0.58	1	06/21/06	06/28/06	JWG0601938	
Fluoranthene	ND	U	5.3	0.28	1	06/21/06	06/28/06	JWG0601938	
Pyrene	ND	U	5.3	0.46	1	06/21/06	06/28/06	JWG0601938	
Benz(a)anthracene	ND	U	5.3	0.59	1	06/21/06	06/28/06	JWG0601938	
Chrysene	ND	U	5.3	0.54	1	06/21/06	06/28/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.3	0.62	1	06/21/06	06/28/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.3	0.60	1	06/21/06	06/28/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.3	0.58	1	06/21/06	06/28/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.56	1	06/21/06	06/28/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.3	0.59	1	06/21/06	06/28/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.3	0.52	1	06/21/06	06/28/06	JWG0601938	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-01-061406 **Units:** ug/L
Lab Code: J0602960-006 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	06/28/06	Acceptable
Phenol-d6	28	10-51	06/28/06	Acceptable
Nitrobenzene-d5	57	42-106	06/28/06	Acceptable
2-Fluorobiphenyl	71	43-99	06/28/06	Acceptable
2,4,6-Tribromophenol	80	30-141	06/28/06	Acceptable
Terphenyl-d14	72	23-165	06/28/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FB-01-061406 **Units:** ug/L
Lab Code: J0602960-007 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.6	1.9	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	ND	U	5.6	0.49	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	ND	U	5.6	0.82	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.6	0.59	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.6	0.46	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.6	0.47	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.6	0.38	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	ND	U	5.6	0.36	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.6	0.49	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.6	0.40	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	23	0.44	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.6	0.29	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.6	0.29	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.6	0.62	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.6	0.29	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.6	0.48	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.6	0.63	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.6	0.57	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.6	0.65	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.6	0.64	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.6	0.62	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.59	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.6	0.63	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.6	0.55	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FB-01-061406 **Units:** ug/L
Lab Code: J0602960-007 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	41	10-77	06/29/06	Acceptable
Phenol-d6	28	10-51	06/29/06	Acceptable
Nitrobenzene-d5	56	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	76	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	85	30-141	06/29/06	Acceptable
Terphenyl-d14	72	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-02-061506 **Units:** ug/L
Lab Code: J0602960-010 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.3	1.8	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	1.6	I	5.3	0.47	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	1.9	I	5.3	0.77	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	1.6	I	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.3	0.44	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.3	0.45	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.3	0.36	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	ND	U	5.3	0.34	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.3	0.47	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.3	0.38	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.3	0.46	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.3	0.54	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.3	0.62	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.3	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.3	0.52	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-02-061506 **Units:** ug/L
Lab Code: J0602960-010 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.3	1.8	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	1.6	I	5.3	0.47	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	1.9	I	5.3	0.77	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	1.6	I	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.3	0.44	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.3	0.45	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.3	0.36	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	ND	U	5.3	0.34	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.3	0.47	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.3	0.38	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.3	0.46	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.3	0.54	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.3	0.62	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.3	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.3	0.52	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-02-061506
Lab Code: J0602960-010

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	43	10-77	06/29/06	Acceptable
Phenol-d6	26	10-51	06/29/06	Acceptable
Nitrobenzene-d5	56	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	76	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	76	30-141	06/29/06	Acceptable
Terphenyl-d14	68	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-4-061506
Lab Code: J0602960-011
Extraction Method: EPA 3510
Analysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.3	1.8	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	ND	U	5.3	0.46	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	ND	U	5.3	0.77	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.3	0.43	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.3	0.44	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.3	0.36	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	ND	U	5.3	0.34	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.3	0.46	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.3	0.38	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	21	0.41	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.3	0.28	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.3	0.45	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.3	0.54	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.3	0.61	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.3	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.3	0.58	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.56	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.3	0.59	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.3	0.52	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-4-061506 **Units:** ug/L
Lab Code: J0602960-011 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	06/29/06	Acceptable
Phenol-d6	29	10-51	06/29/06	Acceptable
Nitrobenzene-d5	54	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	70	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	78	30-141	06/29/06	Acceptable
Terphenyl-d14	69	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-7-061506 **Units:** ug/L
Lab Code: J0602960-012 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.2	1.8	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	ND	U	5.2	0.46	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	ND	U	5.2	0.76	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.2	0.55	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.2	0.43	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.2	0.44	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.2	0.36	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	ND	U	5.2	0.33	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.2	0.46	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.2	0.38	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	21	0.41	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.2	0.57	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.2	0.45	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.2	0.58	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.2	0.53	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.2	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.2	0.59	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.2	0.57	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.55	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.2	0.58	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.2	0.51	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-7-061506 **Units:** ug/L
Lab Code: J0602960-012 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	06/29/06	Acceptable
Phenol-d6	22	10-51	06/29/06	Acceptable
Nitrobenzene-d5	49	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	68	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	75	30-141	06/29/06	Acceptable
Terphenyl-d14	67	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-2-061506 **Units:** ug/L
Lab Code: J0602960-013 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.2	1.8	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	ND	U	5.2	0.46	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	ND	U	5.2	0.76	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	ND	U	5.2	0.55	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND	U	5.2	0.43	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND	U	5.2	0.44	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND	U	5.2	0.36	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	4.5	I	5.2	0.33	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND	U	5.2	0.46	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND	U	5.2	0.38	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	21	0.41	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND	U	5.2	0.57	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND	U	5.2	0.27	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND	U	5.2	0.45	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND	U	5.2	0.58	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.2	0.53	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.2	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.2	0.59	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.2	0.57	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.55	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.2	0.58	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.2	0.51	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-2-061506 **Units:** ug/L
Lab Code: J0602960-013 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	06/29/06	Acceptable
Phenol-d6	23	10-51	06/29/06	Acceptable
Nitrobenzene-d5	49	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	66	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	77	30-141	06/29/06	Acceptable
Terphenyl-d14	68	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-3-061506 **Units:** ug/L
Lab Code: J0602960-014 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND U	5.5	1.9	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	1.7 I	5.5	0.49	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	1.3 I	5.5	0.81	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	8.5	5.5	0.59	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	ND U	5.5	0.46	1	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	ND U	5.5	0.47	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	ND U	5.5	0.38	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	0.52 I	5.5	0.36	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	ND U	5.5	0.49	1	06/21/06	06/29/06	JWG0601938	
Fluorene	ND U	5.5	0.40	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND U	22	0.43	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	ND U	5.5	0.29	1	06/21/06	06/29/06	JWG0601938	
Anthracene	ND U	5.5	0.29	1	06/21/06	06/29/06	JWG0601938	
Carbazole	ND U	5.5	0.61	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	ND U	5.5	0.29	1	06/21/06	06/29/06	JWG0601938	
Pyrene	ND U	5.5	0.48	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	ND U	5.5	0.62	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND U	5.5	0.57	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND U	5.5	0.64	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND U	5.5	0.63	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND U	5.5	0.61	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND U	5.5	0.59	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND U	5.5	0.62	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND U	5.5	0.54	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-3-061506
Lab Code: J0602960-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	06/29/06	Acceptable
Phenol-d6	23	10-51	06/29/06	Acceptable
Nitrobenzene-d5	47	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	63	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	68	30-141	06/29/06	Acceptable
Terphenyl-d14	70	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-6-061506

Units: ug/L

Lab Code: J0602960-015

Basis: NA

Extraction Method: EPA 3510

Level: Low

Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.4	1.9	1	06/21/06	06/29/06	JWG0601938	
2-Methylphenol	3.7	I	5.4	0.47	1	06/21/06	06/29/06	JWG0601938	
4-Methylphenol†	8.9		5.4	0.78	1	06/21/06	06/29/06	JWG0601938	
2,4-Dimethylphenol	10		5.4	0.57	1	06/21/06	06/29/06	JWG0601938	
Naphthalene	450		54	4.4	10	06/21/06	06/29/06	JWG0601938	
2-Methylnaphthalene	22		5.4	0.45	1	06/21/06	06/29/06	JWG0601938	
Acenaphthylene	1.0	I	5.4	0.37	1	06/21/06	06/29/06	JWG0601938	
Acenaphthene	57		5.4	0.35	1	06/21/06	06/29/06	JWG0601938	
Dibenzofuran	30		5.4	0.47	1	06/21/06	06/29/06	JWG0601938	
Fluorene	36		5.4	0.39	1	06/21/06	06/29/06	JWG0601938	
Pentachlorophenol	ND	U	22	0.42	1	06/21/06	06/29/06	JWG0601938	
Phenanthrene	54		5.4	0.28	1	06/21/06	06/29/06	JWG0601938	
Anthracene	7.3		5.4	0.28	1	06/21/06	06/29/06	JWG0601938	
Carbazole	23		5.4	0.59	1	06/21/06	06/29/06	JWG0601938	
Fluoranthene	22		5.4	0.28	1	06/21/06	06/29/06	JWG0601938	
Pyrene	9.5		5.4	0.46	1	06/21/06	06/29/06	JWG0601938	
Benz(a)anthracene	0.80	I	5.4	0.60	1	06/21/06	06/29/06	JWG0601938	
Chrysene	ND	U	5.4	0.55	1	06/21/06	06/29/06	JWG0601938	
Benzo(b)fluoranthene	ND	U	5.4	0.62	1	06/21/06	06/29/06	JWG0601938	
Benzo(k)fluoranthene	ND	U	5.4	0.61	1	06/21/06	06/29/06	JWG0601938	
Benzo(a)pyrene	ND	U	5.4	0.59	1	06/21/06	06/29/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.57	1	06/21/06	06/29/06	JWG0601938	
Dibenz(a,h)anthracene	ND	U	5.4	0.60	1	06/21/06	06/29/06	JWG0601938	
Benzo(g,h,i)perylene	ND	U	5.4	0.53	1	06/21/06	06/29/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: 06/14/2006
Date Received: 06/16/2006

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW-6-061506
Lab Code: J0602960-015

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	42	10-77	06/29/06	Acceptable
Phenol-d6	26	10-51	06/29/06	Acceptable
Nitrobenzene-d5	48	42-106	06/29/06	Acceptable
2-Fluorobiphenyl	67	43-99	06/29/06	Acceptable
2,4,6-Tribromophenol	82	30-141	06/29/06	Acceptable
Terphenyl-d14	62	23-165	06/29/06	Acceptable

† Analyte Comments

4-Methylphenol This analyte cannot be separated from 3-Methylphenol.

Comments: _____

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Units:** ug/L
Lab Code: JWG0601938-4 **Basis:** NA
Extraction Method: EPA 3510 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND U	5.0	1.7	1	06/21/06	06/27/06	JWG0601938	
2-Methylphenol	ND U	5.0	0.44	1	06/21/06	06/27/06	JWG0601938	
4-Methylphenol†	ND U	5.0	0.73	1	06/21/06	06/27/06	JWG0601938	
2,4-Dimethylphenol	ND U	5.0	0.53	1	06/21/06	06/27/06	JWG0601938	
Naphthalene	ND U	5.0	0.41	1	06/21/06	06/27/06	JWG0601938	
2-Methylnaphthalene	ND U	5.0	0.42	1	06/21/06	06/27/06	JWG0601938	
Acenaphthylene	ND U	5.0	0.34	1	06/21/06	06/27/06	JWG0601938	
Acenaphthene	ND U	5.0	0.32	1	06/21/06	06/27/06	JWG0601938	
Dibenzofuran	ND U	5.0	0.44	1	06/21/06	06/27/06	JWG0601938	
Fluorene	ND U	5.0	0.36	1	06/21/06	06/27/06	JWG0601938	
Pentachlorophenol	ND U	20	0.39	1	06/21/06	06/27/06	JWG0601938	
Phenanthrene	ND U	5.0	0.26	1	06/21/06	06/27/06	JWG0601938	
Anthracene	ND U	5.0	0.26	1	06/21/06	06/27/06	JWG0601938	
Carbazole	ND U	5.0	0.55	1	06/21/06	06/27/06	JWG0601938	
Fluoranthene	ND U	5.0	0.26	1	06/21/06	06/27/06	JWG0601938	
Pyrene	ND U	5.0	0.43	1	06/21/06	06/27/06	JWG0601938	
Benz(a)anthracene	ND U	5.0	0.56	1	06/21/06	06/27/06	JWG0601938	
Chrysene	ND U	5.0	0.51	1	06/21/06	06/27/06	JWG0601938	
Benzo(b)fluoranthene	ND U	5.0	0.58	1	06/21/06	06/27/06	JWG0601938	
Benzo(k)fluoranthene	ND U	5.0	0.57	1	06/21/06	06/27/06	JWG0601938	
Benzo(a)pyrene	ND U	5.0	0.55	1	06/21/06	06/27/06	JWG0601938	
Indeno(1,2,3-cd)pyrene	ND U	5.0	0.53	1	06/21/06	06/27/06	JWG0601938	
Dibenz(a,h)anthracene	ND U	5.0	0.56	1	06/21/06	06/27/06	JWG0601938	
Benzo(g,h,i)perylene	ND U	5.0	0.49	1	06/21/06	06/27/06	JWG0601938	

Comments: _____

Analytical Results

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water **Service Request:** J0602960
Date Collected: NA **Date Received:** NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Units:** ug/L
Lab Code: JWG0601938-4 **Basis:** NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	49	10-77	06/27/06	Acceptable
Phenol-d6	25	10-51	06/27/06	Acceptable
Nitrobenzene-d5	76	42-106	06/27/06	Acceptable
2-Fluorobiphenyl	71	43-99	06/27/06	Acceptable
2,4,6-Tribromophenol	105	30-141	06/27/06	Acceptable
Terphenyl-d14	86	23-165	06/27/06	Acceptable

† Analyte Comments

4-Methylphenol	This analyte cannot be separated from 3-Methylphenol.
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Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: MWTP-MW-1-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-001 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0010	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00026	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-8-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-002 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0024	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00017	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	0.00031	i
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-9-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-003 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.025	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00022	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	0.0079	i

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: DUP-01-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-004 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0023	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00014	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-5-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-005 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0011	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00024	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: EB-01-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-006 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	U	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00015	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FB-01-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-007 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	U	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00021	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FILTER BLANK-061406 **Unit:** mg/L (ppm)
Lab Code: J0602960-008 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	U	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00015	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: EB-02-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-010 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	U	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00037	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-4-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-011 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.00041	i
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00053	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-7-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-012 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.013	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00030	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-2-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-013 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0013	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.0017	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-3-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-014 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.054	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00035	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06

DISSOLVED METALS

Sample Name: FW-6-061506 **Unit:** mg/L (ppm)
Lab Code: J0602960-015 **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	0.0011	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	0.00051	i
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC

Analytical Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: NA
Date Received: NA

DISSOLVED METALS

Sample Name: Method Blank **Unit:** mg/L (ppm)
Lab Code: J0602960-MBW **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Results	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.00028	1.0	6/22/06	6/28/2006	U	
Chromium	EPA 3005	6020	0.0020	0.00012	1.0	6/22/06	6/28/2006	U	
Copper	EPA 3005	6020	0.0020	0.00029	1.0	6/22/06	6/28/2006	U	
Zinc	EPA 3005	6020	0.010	0.0017	1.0	6/22/06	6/28/2006	U	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960

Surrogate Recovery Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4
MWTP-MW-1-061406	J0602960-001	95	99	107	96
FW-8-061406	J0602960-002	95	98	108	96
FW-9-061406	J0602960-003	95	96	110	98
DUP-01-061406	J0602960-004	98	97	108	98
FW-5-061406	J0602960-005	94	96	109	97
EB-01-061406	J0602960-006	94	95	108	97
FB-01-061406	J0602960-007	95	96	109	98
TRIP BLANK	J0602960-009	95	96	109	97
EB-02-061506	J0602960-010	93	94	109	97
FW-4-061506	J0602960-011	97	96	109	98
FW-7-061506	J0602960-012	94	94	110	99
FW-2-061506	J0602960-013	97	93	108	100
FW-3-061506	J0602960-014	93	95	109	95
FW-6-061506	J0602960-015	95	94	109	98
Method Blank	JWG0601894-4	95	99	108	97
FW-5-061406MS	JWG0601894-1	96	97	106	97
FW-5-061406DMS	JWG0601894-2	97	97	108	99
Lab Control Sample	JWG0601894-3	97	100	108	99

Surrogate Recovery Control Limits (%)

Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	79-120
Sur3 = Toluene-d8	88-117
Sur4 = Dibromofluoromethane	82-116

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Extracted: 06/19/2006
Date Analyzed: 06/19/2006

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FW-5-061406	Units:	ug/L
Lab Code:	J0602960-005	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B	Extraction Lot:	JWG0601894

Analyte Name	Sample Result	FW-5-061406MS			FW-5-061406DMS			%Rec Limits	RPD	RPD Limit			
		JWG0601894-1			JWG0601894-2								
		Matrix Spike			Duplicate Matrix Spike								
Benzene	ND	21.1	20.0	106	21.8	20.0	109	78-123	3	30			
Toluene	ND	20.9	20.0	104	21.5	20.0	108	86-119	3	30			
Ethylbenzene	ND	21.2	20.0	106	22.0	20.0	110	87-122	3	30			
m,p-Xylenes	ND	40.3	40.0	101	41.6	40.0	104	82-120	3	30			
o-Xylene	ND	19.8	20.0	99	20.7	20.0	104	85-119	4	30			

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Extracted: 06/19/2006
Date Analyzed: 06/19/2006

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B**Units:** ug/L**Analysis Method:** 8260B**Basis:** NA**Level:** Low**Extraction Lot:** JWG0601894

Lab Control Sample
JWG0601894-3

Lab Control Spike

Analyte Name	Lab Control Spike			%Rec Limits
	Result	Expected	%Rec	
Benzene	21.8	20.0	109	79-119
Toluene	21.8	20.0	109	86-117
Ethylbenzene	22.6	20.0	113	90-118
m,p-Xylenes	41.5	40.0	104	86-121
o-Xylene	21.0	20.0	105	89-119

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water
Service Request: J0602960

Surrogate Recovery Summary
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510

Units: PERCENT

Analysis Method: 8270C

Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
MWTP-MW-1-061406	J0602960-001	42	30	53	70	81	70
FW-8-061406	J0602960-002	38	28	62	74	82	71
FW-9-061406	J0602960-003	40	26	55	70	83	72
DUP-01-061406	J0602960-004	36	26	60	74	81	73
FW-5-061406	J0602960-005	47	26	83	73	134	99
EB-01-061406	J0602960-006	34	28	57	71	80	72
FB-01-061406	J0602960-007	41	28	56	76	85	72
EB-02-061506	J0602960-010	43	26	56	76	76	68
FW-4-061506	J0602960-011	34	29	54	70	78	69
FW-7-061506	J0602960-012	32	22	49	68	75	67
FW-2-061506	J0602960-013	32	23	49	66	77	68
FW-3-061506	J0602960-014	32	23	47	63	68	70
FW-6-061506	J0602960-015	42	26	48	67	82	62
Method Blank	JWG0601938-4	49	25	76	71	105	86
FW-5-061406MS	JWG0601938-1	66	27	76	71	112	97
FW-5-061406DMS	JWG0601938-2	53	27	72	68	111	99
Lab Control Sample	JWG0601938-3	56	23	76	71	104	93

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-141
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	42-106		
Sur4 = 2-Fluorobiphenyl	43-99		

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Extracted: 06/21/2006
Date Analyzed: 06/27/2006

Matrix Spike/Duplicate Matrix Spike Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW-5-061406	Units:	ug/L
Lab Code:	J0602960-005	Basis:	NA
Extraction Method:	EPA 3510	Level:	Low
Analysis Method:	8270C	Extraction Lot:	JWG0601938

Analyte Name	Sample Result	FW-5-061406MS			FW-5-061406DMS			%Rec Limits	RPD	RPD Limit			
		JWG0601938-1			JWG0601938-2								
		Matrix Spike			Duplicate Matrix Spike								
		Result	Expected	%Rec	Result	Expected	%Rec						
Phenol	ND	23.4	56.8	41	26.0	56.8	46	10-70	10	30			
2-Methylphenol	ND	44.3	56.8	78	45.0	56.8	79	32-96	1	30			
4-Methylphenol	ND	57.7	85.2	68	55.5	85.2	65	12-106	4	30			
2,4-Dimethylphenol	ND	40.9	56.8	72	40.7	56.8	72	35-88	1	30			
Naphthalene	ND	42.4	56.8	75	40.2	56.8	71	44-93	5	30			
2-Methylnaphthalene	ND	43.2	56.8	76	43.1	56.8	76	48-91	0	30			
Acenaphthylene	ND	37.2	56.8	66	35.6	56.8	63	46-95	5	30			
Acenaphthene	ND	42.6	56.8	75	42.6	56.8	75	48-96	0	30			
Dibenzofuran	ND	46.7	56.8	82	46.5	56.8	82	49-101	0	30			
Fluorene	ND	51.5	56.8	91	50.1	56.8	88	54-95	3	30			
Pentachlorophenol	ND	54.0	56.8	95	53.3	56.8	94	18-141	1	30			
Phenanthrene	ND	50.7	56.8	89	50.7	56.8	89	52-95	0	30			
Anthracene	ND	50.2	56.8	88	50.4	56.8	89	53-101	0	30			
Fluoranthene	ND	54.7	56.8	96	53.9	56.8	95	54-103	2	30			
Pyrene	ND	57.5	56.8	101	57.4	56.8	101	49-103	0	30			
Benz(a)anthracene	ND	57.9	56.8	102	58.0	56.8	102	55-104	0	30			
Chrysene	ND	51.4	56.8	90	53.2	56.8	94	47-105	4	30			
Benzo(b)fluoranthene	ND	44.9	56.8	79	57.5	56.8	101	54-105	25	30			
Benzo(k)fluoranthene	ND	46.0	56.8	81	41.9	56.8	74	50-101	9	30			
Benzo(a)pyrene	ND	55.5	56.8	98	54.6	56.8	96	56-100	2	30			
Indeno(1,2,3-cd)pyrene	ND	53.9	56.8	95	53.4	56.8	94	50-115	1	30			
Dibenz(a,h)anthracene	ND	53.5	56.8	94	52.3	56.8	92	44-124	2	30			
Benzo(g,h,i)perylene	ND	55.3	56.8	97	55.0	56.8	97	51-114	1	30			

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Beazer East, Inc.
Project: BEAZER/GAINESVILLE/045006-091
Sample Matrix: Water

Service Request: J0602960
Date Extracted: 06/21/2006
Date Analyzed: 06/27/2006

Lab Control Spike Summary
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510**Units:** ug/L**Analysis Method:** 8270C**Basis:** NA**Level:** Low**Extraction Lot:** JWG0601938

Lab Control Sample

JWG0601938-3

Lab Control Spike

Analyte Name	Result	Expected	%Rec	%Rec Limits
Phenol	22.2	50.0	44	12-54
2-Methylphenol	38.9	50.0	78	21-100
4-Methylphenol	48.6	75.0	65	15-93
2,4-Dimethylphenol	32.0	50.0	64	38-86
Naphthalene	35.8	50.0	72	44-97
2-Methylnaphthalene	37.5	50.0	75	46-97
Acenaphthylene	31.7	50.0	63	45-99
Acenaphthene	36.7	50.0	73	42-106
Dibenzofuran	39.4	50.0	79	49-103
Fluorene	42.8	50.0	86	54-97
Pentachlorophenol	39.8	50.0	80	44-120
Phenanthrene	43.2	50.0	86	52-99
Anthracene	41.7	50.0	83	52-104
Fluoranthene	45.8	50.0	92	52-110
Pyrene	47.1	50.0	94	53-100
Benz(a)anthracene	47.5	50.0	95	49-114
Chrysene	43.4	50.0	87	50-113
Benzo(b)fluoranthene	41.7	50.0	83	56-103
Benzo(k)fluoranthene	38.0	50.0	76	48-110
Benzo(a)pyrene	46.8	50.0	94	56-107
Indeno(1,2,3-cd)pyrene	44.5	50.0	89	54-115
Dibenz(a,h)anthracene	45.0	50.0	90	51-125
Benzo(g,h,i)perylene	47.2	50.0	94	53-116

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC

QA/QC Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06
Date Extracted: 6/22/06
Date Analyzed: 6/28/2006

Matrix Spike Summary
DISSOLVED METALS

Sample Name: MWTP-MW-1-061406S **Unit:** mg/L
Lab Code: J0602960-001S **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	Spike Level	Sample Results	Spiked Sample Results	CAS Percent Recovery Acceptance Limits		Result Notes
							Percent Recovery	Acceptance Limits	
Arsenic	EPA 3005	6020	0.00050	0.0500	0.00102	0.0558	110	75-125	
Chromium	EPA 3005	6020	0.0020	0.0500	U	0.0496	99	75-125	
Copper	EPA 3005	6020	0.0020	0.0500	U	0.0511	102	75-125	
Zinc	EPA 3005	6020	0.010	0.100	U	0.106	106	75-125	

COLUMBIA ANALYTICAL SERVICES, INC

QA/QC Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request:J0602960
Date Collected:6/14/06
Date Received:6/16/06
Date Extracted:6/22/06
Date Analyzed:6/28/2006

Matrix Spike Summary DISSOLVED METALS

Sample Name: FW-5-061406S **Unit:** mg/L
Lab Code: J0602960-005S **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	Spike Level	Sample Results	Spiked Sample Results	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.0500	0.00113	0.0490	96	75-125	
Chromium	EPA 3005	6020	0.0020	0.0500	U	0.0475	95	75-125	
Copper	EPA 3005	6020	0.0020	0.0500	U	0.0486	97	75-125	
Zinc	EPA 3005	6020	0.010	0.100	U	0.0939	94	75-125	

COLUMBIA ANALYTICAL SERVICES, INC

QA/QC Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06
Date Extracted: 6/22/06
Date Analyzed: 6/28/2006

Matrix Spike/Matrix Spike Duplicate Summary DISSOLVED METALS

Sample Name: MWTP-MW-1-061406
Lab Code: J0602960-001S J0602960-001SD
Test Notes:

Unit: mg/L
Basis: NA

Analyte	Prep Method	Analysis Method	MRL	Spiked Sample Results	Spiked Duplicate Results	Relative Percent Difference	CAS Percent Difference Acceptance Limits	Result Notes
	EPA 3005	6020	0.00050	0.0558	0.0531	5.0	20	
Arsenic	EPA 3005	6020	0.00050	0.0558	0.0531	5.0	20	
Chromium	EPA 3005	6020	0.0020	0.0496	0.0488	1.6	20	
Copper	EPA 3005	6020	0.0020	0.0511	0.0499	2.4	20	
Zinc	EPA 3005	6020	0.010	0.106	0.102	3.8	20	

COLUMBIA ANALYTICAL SERVICES, INC

QA/QC Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: 6/14/06
Date Received: 6/16/06
Date Extracted: 6/22/06
Date Analyzed: 6/28/2006

Matrix Spike/Matrix Spike Duplicate Summary
DISSOLVED METALS

Sample Name: FW-5-061406 **Unit:** mg/L
Lab Code: J0602960-005S **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	Spiked Sample Results	Spiked Duplicate Results	Relative Percent Difference	CAS Percent Difference Acceptance Limits	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.0490	0.0521	6.1	20	
Chromium	EPA 3005	6020	0.0020	0.0475	0.0499	4.9	20	
Copper	EPA 3005	6020	0.0020	0.0486	0.0508	4.4	20	
Zinc	EPA 3005	6020	0.010	0.0939	0.101	7.3	20	

COLUMBIA ANALYTICAL SERVICES, INC

QA/QC Report

Client: Beazer East, Inc.
Project Name: BEAZER/GAINESVILLE
Project Number: 045006-091
Matrix: WATER

Service Request: J0602960
Date Collected: NA
Date Received: NA
Date Extracted: 6/22/06
Date Analyzed: 6/28/2006

Laboratory Control Sample Summary DISSOLVED METALS

Sample Name: Laboratory Control Sample **Unit:** mg/L
Lab Code: J0602960-LCSW **Basis:** NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	True Value	Results	Percent Recovery	CAS Percent Recovery Acceptance	Result Notes
Arsenic	EPA 3005	6020	0.00050	0.0500	0.0479	96	80-120	
Chromium	EPA 3005	6020	0.0020	0.0500	0.0485	97	80-120	
Copper	EPA 3005	6020	0.0020	0.0500	0.0500	100	80-120	
Zinc	EPA 3005	6020	0.010	0.100	0.0960	96	80-120	

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client:

Beazer

Service Request #

300029100

Project:

Beazer / Gainesville

Cooler received on

6/16/06

and opened on

6/16/06TDK

COURIER: CAS

UPS

FEDEX

DHL

CLIENT

Tracking #

1	Were custody seals on outside of cooler?	<input type="radio"/> Yes	No	N/A
2	Were seals intact, signed and dated?	<input type="radio"/> Yes	No	N/A
3	Were custody papers properly filled out?	<input type="radio"/> Yes	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	<u>1.1</u>	<u>1.0</u>	<u>2.7</u>
5	Correct Temperature?	<input type="radio"/> Yes	No	N/A
6	Were Ice or Ice Packs present	<input type="radio"/> Yes	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	<input type="radio"/> Yes	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	<input type="radio"/> Yes	No	N/A
9	Did all bottle labels and tags agree with custody papers?	<input type="radio"/> Yes	No	N/A
10	Were the correct bottles used for the tests indicated?	<input type="radio"/> Yes	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative? HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 Preservative additions noted below	<input type="radio"/> Yes	No	N/A
		<input type="radio"/> HCl pH<2		
12	Were all samples received within analysis holding times?	<input type="radio"/> Yes	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	<input type="radio"/> Yes	No	N/A
14	Where did the bottles originate?	<input type="radio"/> CAS	Client	

Sample ID	Reagent	Manuf. Lot # or CAS Chem ID	ml added	Initials

Additional comments and/or explanation of all discrepancies noted above:

Client approval to run samples if discrepancies noted:

Date:

SR #: J00020400

Initials: _____

Initials:

Note that pH is checked and meets the required pH criterion listed in the column heading unless otherwise noted on cooler receipt form.



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

8540 Baycenter Rd. • Jacksonville, FL 32256 • (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

An Employee - Owned Company
www.castlab.com

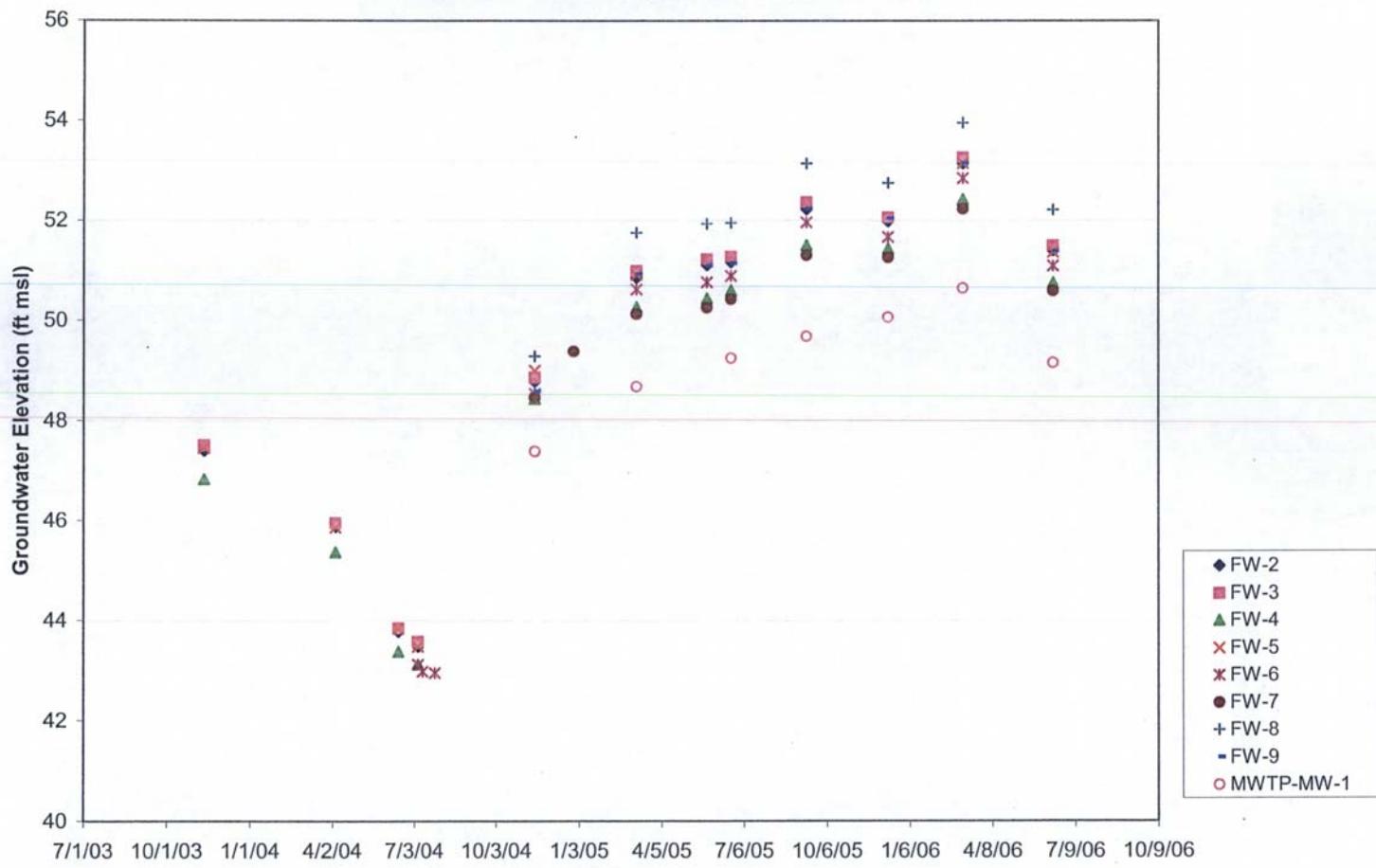
SR# **00029160**
CAS Contact

PAGE **1** OF **2**

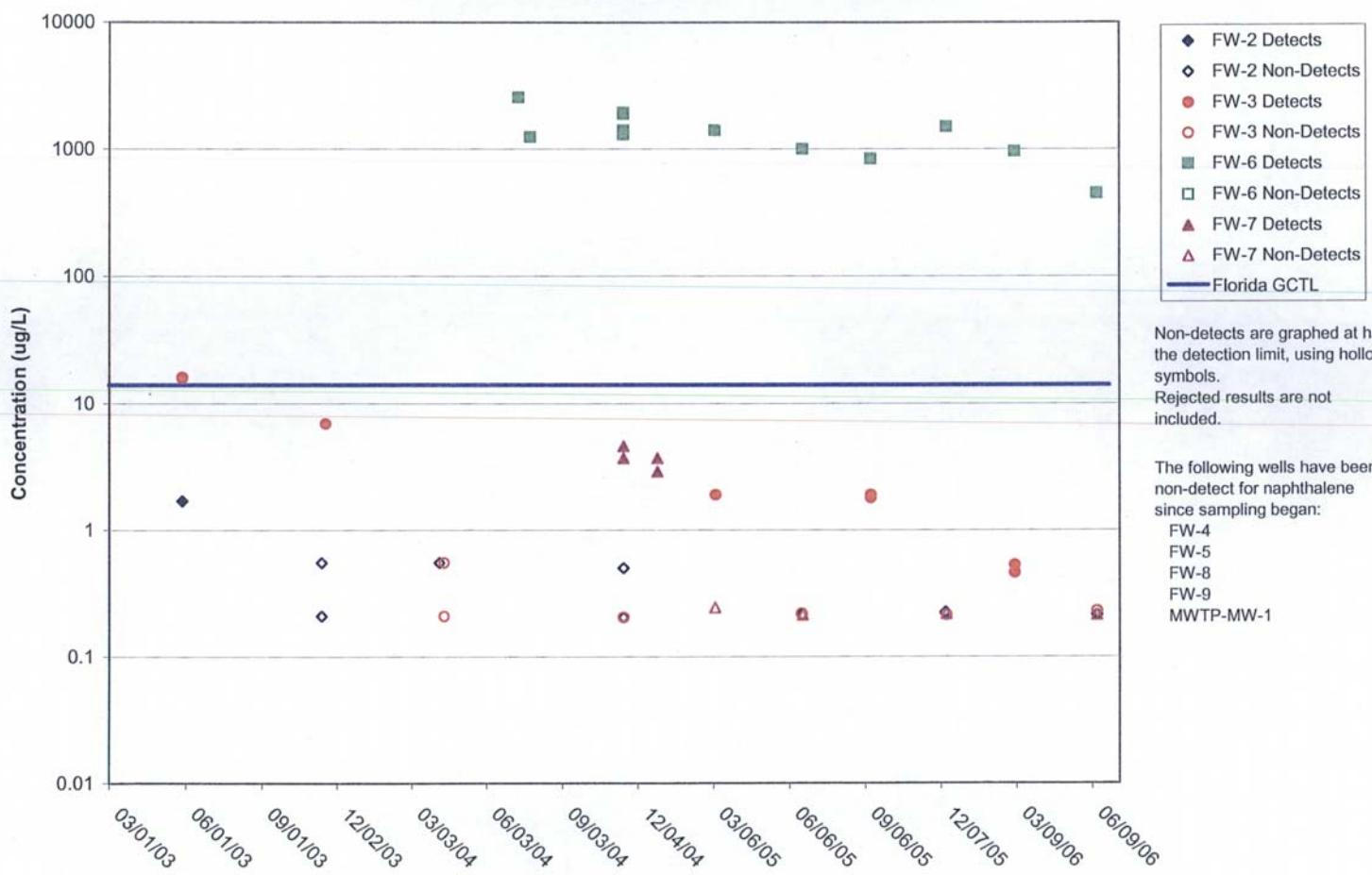
Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Comment)												
Project Manager	Company/Address	Email Address	FAX#	PRESERVATIVE		1		0		2						
KAREN Florme	200 Thres Ave	caflene6102 PA 15106	(412) 279-3363	6		X		X		X						
Samples' Printed Name <i>Jeff Leaver</i>				NUMBER OF CONTAINERS										REMARKS/ ALTERNATE DESCRIPTION		
				6												
				80318												
				80315												
				80315 (SVC15)												
				8270C (SVC103)												
				4525C (SVC103)												
				219-4332												
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	MATRIX	REPORT REQUIREMENTS										INVOICE INFORMATION	
MINTP-MW-1-061406		6/19/06	1140	6w	<input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> STANDARD										<input type="checkbox"/> PO# <input type="checkbox"/> BILL TO:	
FW-8-061406			1400		<input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required)											
FW-9-061406				1540	<input type="checkbox"/> III. Results + QC and Calibration Summaries											
OP-01-061406					<input type="checkbox"/> IV. Data Validation Report with Raw Data											
FW-5-061406					<input type="checkbox"/> V. Specialized Forms / Custom Report											
FW-5-MS-061406					<input type="checkbox"/> Edta <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											
EB-01-061406																
FB-01-061406																
FILTER BLANK-061406																
SPECIAL INSTRUCTIONS/COMMENTS																
See QAPP <input type="checkbox"/>																
SAMPLE RECEIPT: CONDITION/COOLER TEMP:				CUSTODY SEALS: Y N										RECEIVED BY		
RELINQUISHED BY				RELINQUISHED BY										RELINQUISHED BY		
<i>Jeff Leaver</i>				<i>Tand. Kissinger</i>										<i>Tand. Kissinger</i>		
Signature <i>Jeff Leaver</i>				Signature <i>Tand. Kissinger</i>										Signature <i>Tand. Kissinger</i>		
Printed Name <i>EFM ITS</i>				Printed Name <i>EPM ITS</i>										Printed Name <i>EPM ITS</i>		
Firm <i>6/15/06 1800</i>				Firm <i>6/16/06 1800</i>										Firm <i>6/16/06 1800</i>		
Date/Time				Date/Time										Date/Time		

ATTACHMENT C
CONSTITUENT TREND GRAPHS

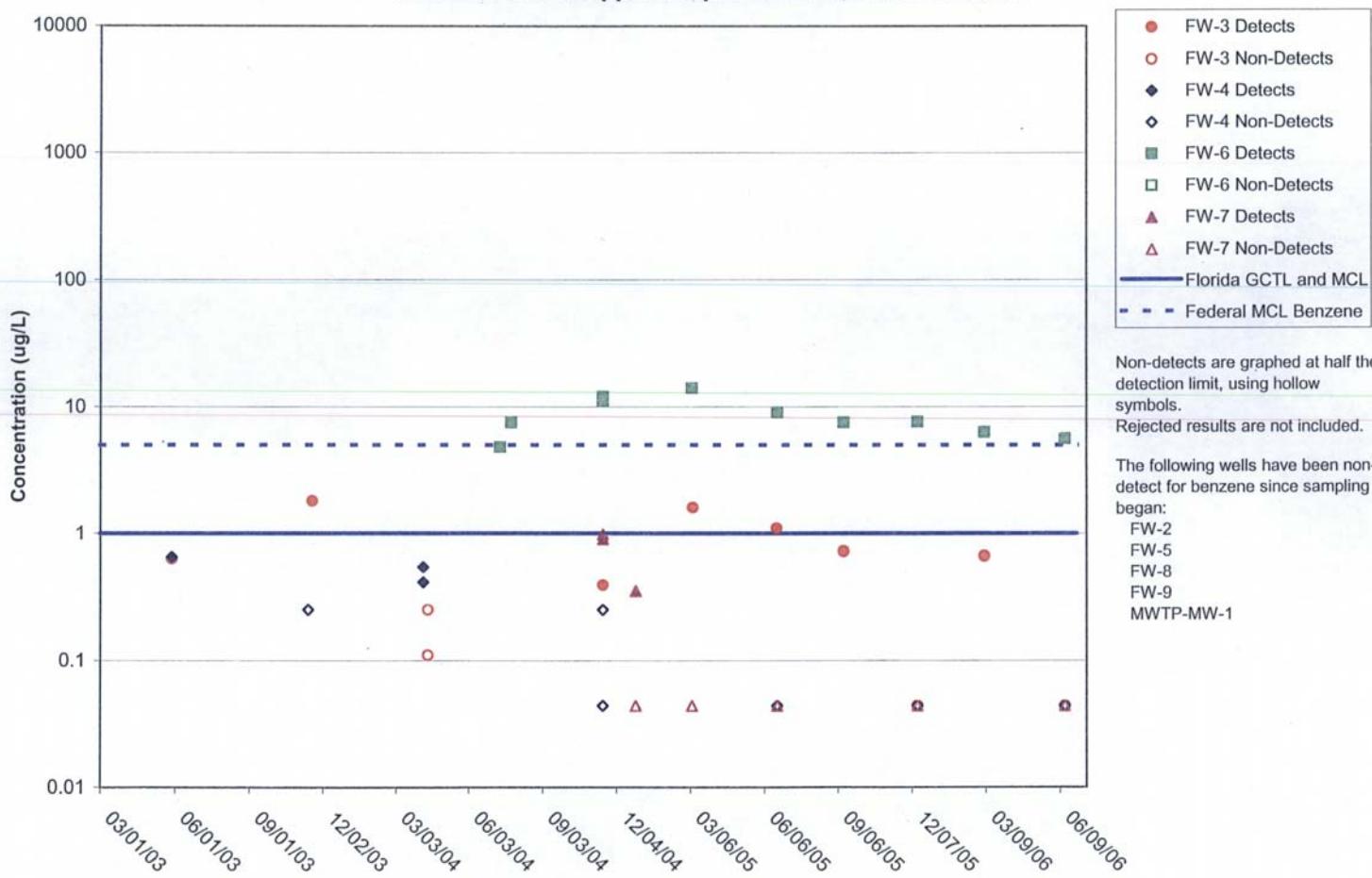
Groundwater Elevation Trends in Floridan Aquifer
November 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



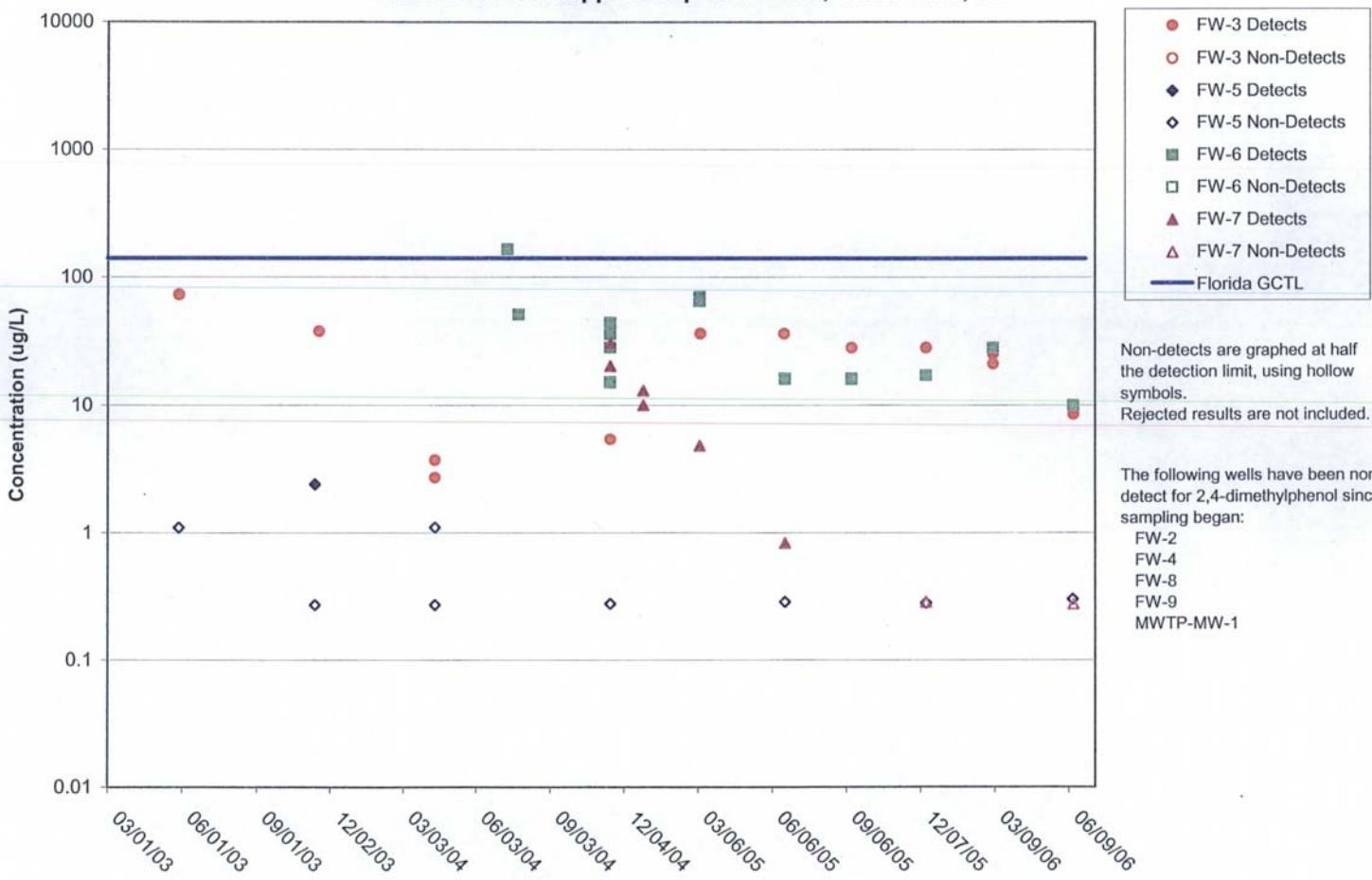
Trends in Naphthalene Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



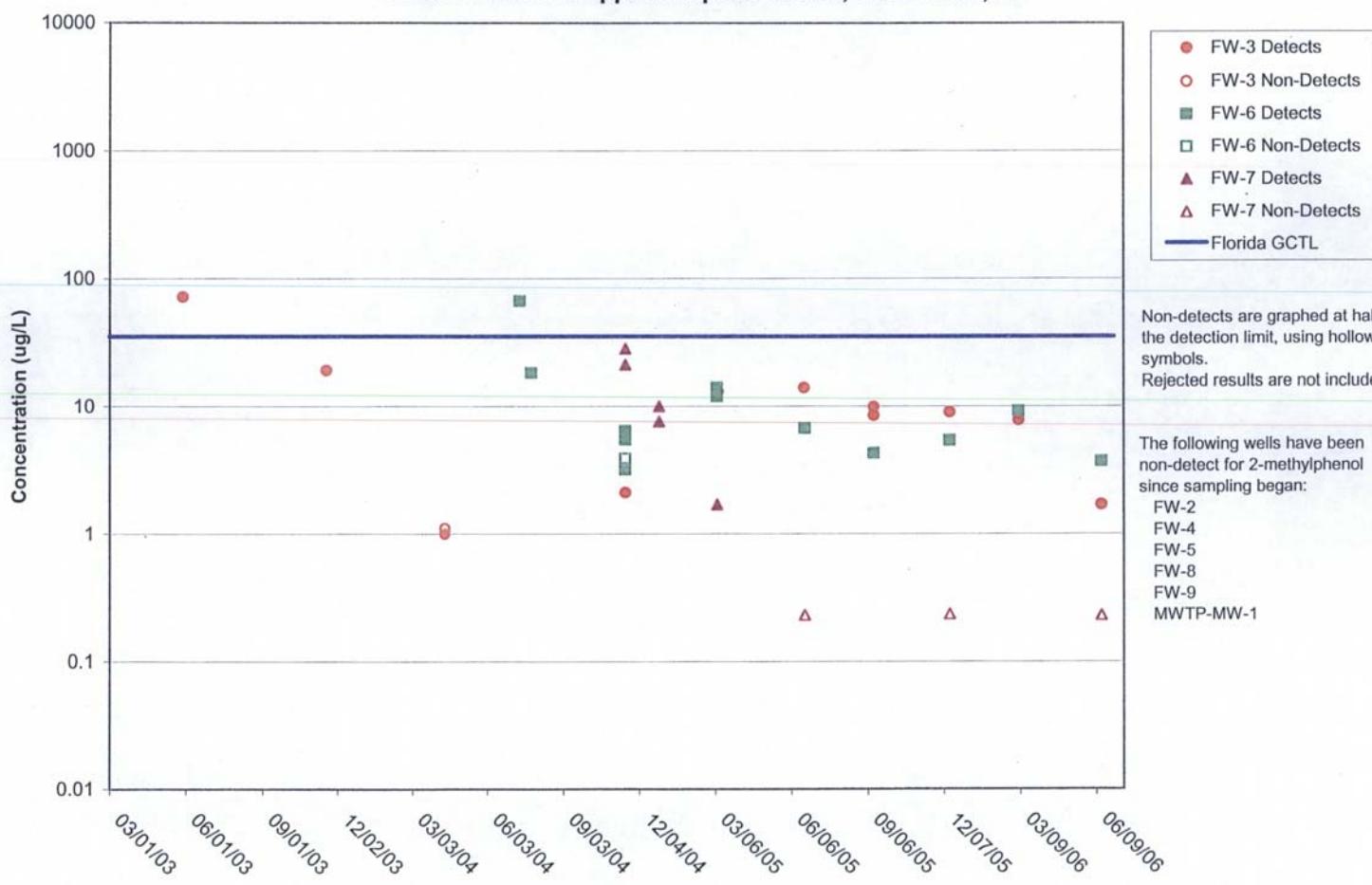
Trends in Benzene Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



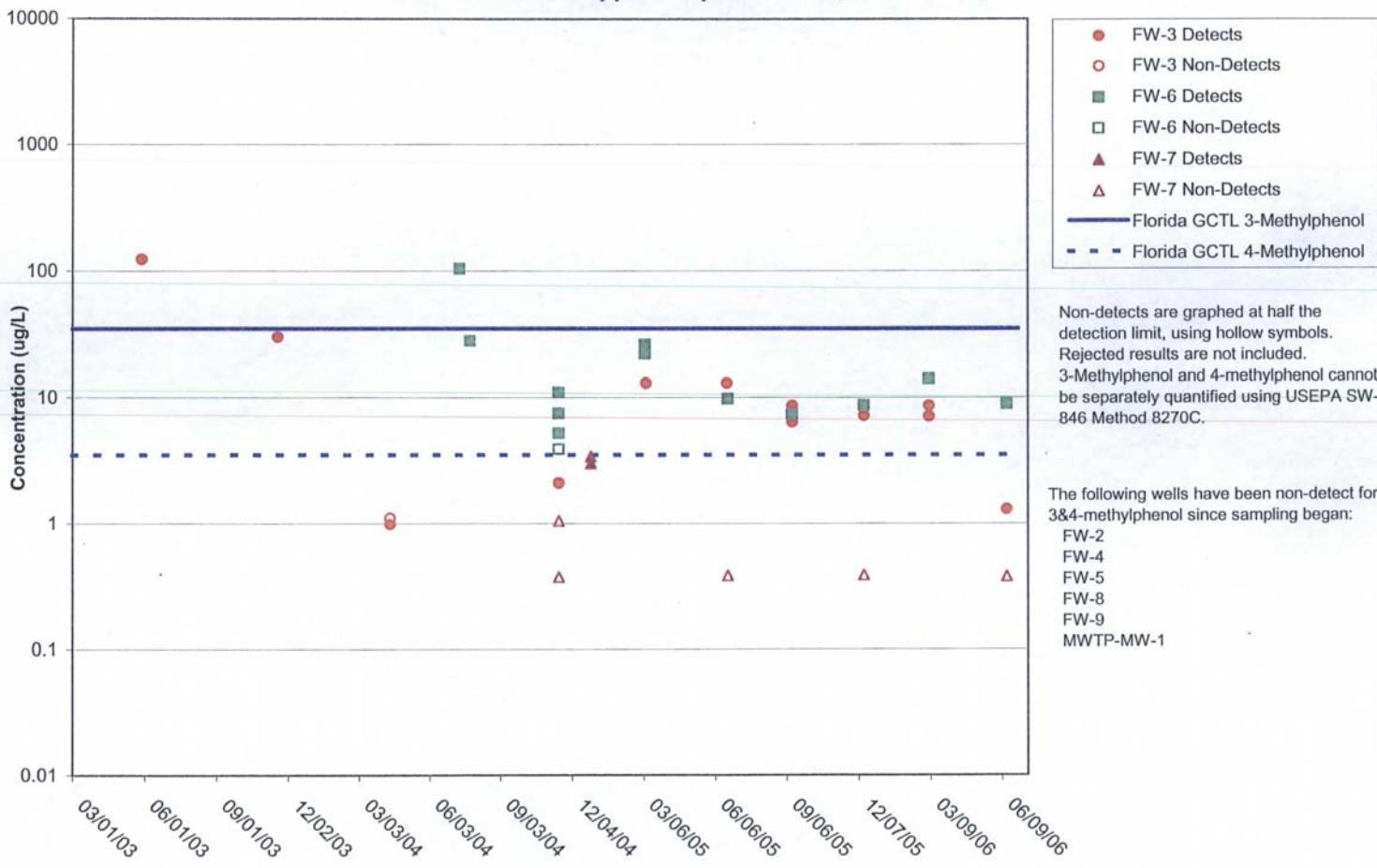
Trends in 2,4-Dimethylphenol Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



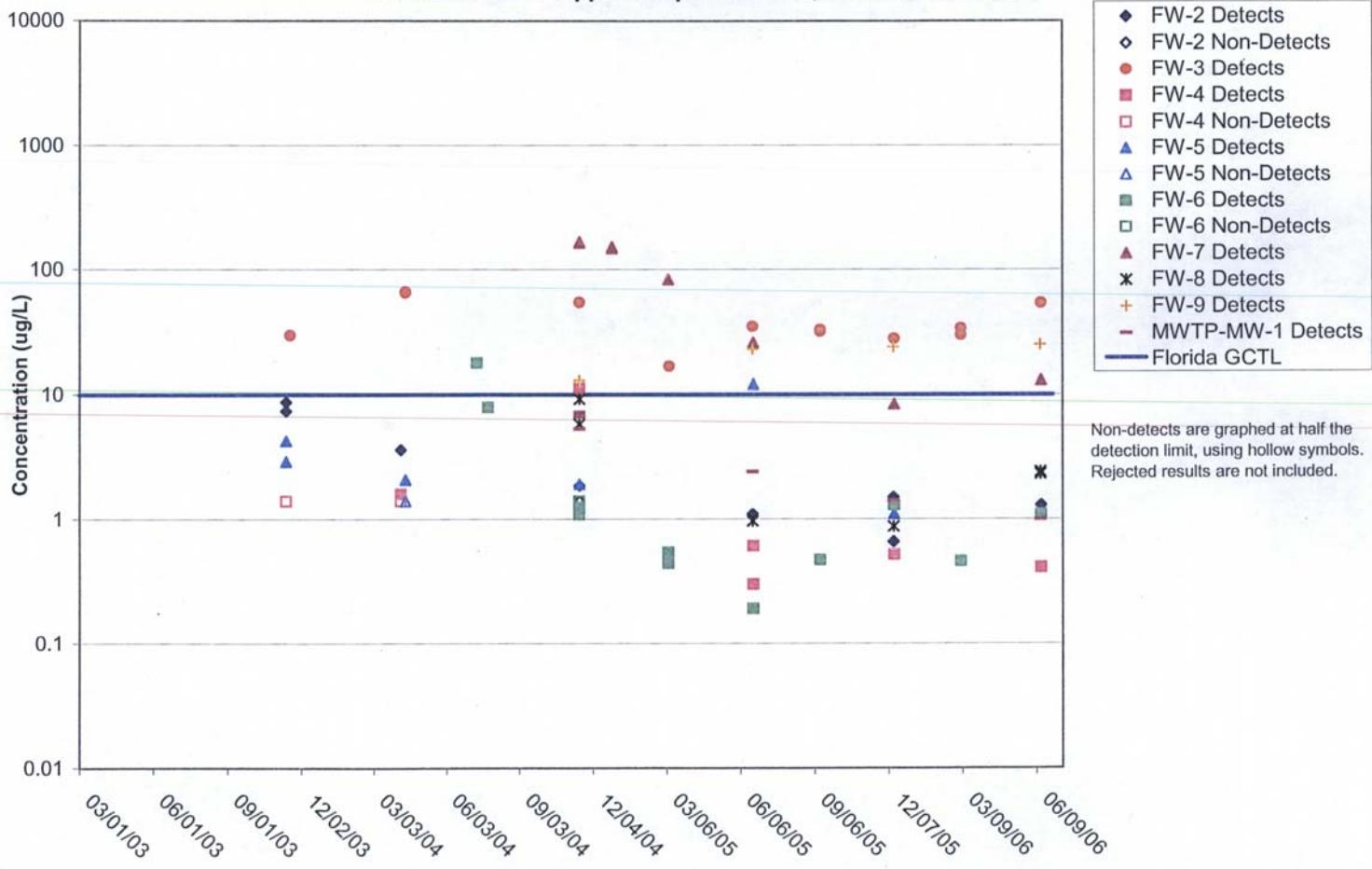
Trends in 2-Methylphenol Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



Trends in 3&4-Methylphenol Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, FL



Trends in Dissolved Arsenic Detections in the Floridan Aquifer
May 2003 through June 2006
Cabot Carbon / Koppers Superfund Site, Gainesville, Florida



Non-detects are graphed at half the detection limit, using hollow symbols.
Rejected results are not included.