FTS, LLC

DATE: March 24, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Floridan GW

SAMPLE DELIVERY GROUP (SDG): J0900905

SAMPLES: Trip Blank-022309, Filter Blank-022309, FB-01-022309, EB-01-022309, FW-99A-022309(FW-3), FW-3-022309, FW-6-022309

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved chromium was detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Dissolved chromium and copper were detected in the filter blank. Dissolved chromium was detected in the field blank and the equipment blank. See next page for details.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: The surrogate recoveries of 2-fluorophenol, phenol-d6, nitrobenzene-d5, 2-fluorobiphenyl, and 2,4,6-tribromophenol were below the control limits for sample FW-99A. No action was taken as the results were nondetect.

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The MS/MSD recoveries of 2,4-dimethylphenol, naphthalene, 2-methylnaphthalene, acenaphthene, fluorene, and phenanthrene were outside of the control limits. No action was taken as the LCS recoveries were compliant.

□ Laboratory Control Sample
Noncompliances: The LCS recovery of benzo(b)fluoranthene fell below the control limits. No action was taken as the MS/MS recovery was compliant.

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analytes were detected in the aqueous method blank at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Blank Contamination:

The following analytes were detected in the aqueous filter blank, Filter Blank-022309, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l
Copper, dissolved	1.6 J ug/l	8.0 ug/l

The following analyte was detected in the aqueous field blank, FB-01-022309, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.6 J ug/l	8.0 ug/l

The following analyte was detected in the aqueous equipment blank, EB-01-0222309, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	2.0 ug/l	10.0 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-3	QUAL	FW-99A	QUAL	RPD
2,4-Dimethylphenol	1	J	0.91	U	NC
Arsenic, dissolved	31		30		3.28
Chromium, dissolved	3		2.1		35.29*
Copper, dissolved	0.3	J	0.9	J	100*
Naphthalene	1.4	J	0.91	U	NC
Zinc, dissolved	4	U	35		NC

NC – Not calculated due to nondetect result.

* - RPD is greater than 30%, associated samples are qualified estimated, “J,” due to laboratory or field sampling imprecision.

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 23, 2009

Service Request No: J0900905

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

Laboratory Results for: Beazer/Gainesville/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on February 24, 2009. For your reference, these analyses have been assigned our service request number **J0900905**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 505 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900905
Project:	Beazer/Gainesville	**Date Received:**	2/24/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

7 water samples were received for analysis at Columbia Analytical Services on 2/24/09. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Surrogate Exceptions

The control criteria were exceeded for the following surrogates in sample FW-99A-022309 due to extraction error: 2,4,6-Tribromophenol, Phenol-d6, 2-Fluorobiphenyl, 2-Fluorophenol, and Nitrobenzene-d5. A re-extraction and reanalysis was performed 3 days outside the recommend hold time. Results were similar with surrogates passing in the re-extract. The results of the original analysis are reported. No further corrective action was required.

Matrix Spike Recovery Exceptions

The control criteria for matrix spike recovery of several analytes for sample name FW-6-022309 are not applicable. The analyte concentration in the sample was significantly higher than the added spike concentration, preventing accurate evaluation of the spike recovery. No further corrective action was required.

Lab Control Sample Exceptions

The spike recovery of Benzo(b)fluoranthene for Laboratory Control Sample (LCS) JWG0900671-2 was outside the lower control criterion. The analyte in question was not detected in the associated field samples. The error associated with reduced recovery equates to a potential low bias. The data are flagged to indicate the problem.

Metals by ICP-MS

No problems were observed with this delivery group.

Approved by Timothy D. Thomas **Date** 3/23/09

Service Request: J0900905

Client: Field and Technical Services, LLC
Project: Beazer/Gainesville/OM045009-091

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900905-001	Trip Blank-022309	2/23/09	00:00
J0900905-002	Filter Blank-022309	2/23/09	14:30
J0900905-003	FB-01-022309	2/23/09	14:50
J0900905-004	EB-01-022309	2/23/09	14:15
J0900905-005	FW-99A-022309	2/23/09	18:00
J0900905-006	FW-3-022309	2/23/09	13:10
J0900905-007	FW-6-022309	2/23/09	16:05

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.

Columbia Analytical Services

Chain of Custody Documentation

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services

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PAGE 1 OF 1

SR # J0900905

CAS Contact

Project Name: BEAZER / GAINESVILLE

Project Number: OM045009-091

Project Manager: ANGIE GATCHIE

Email Address:

Company/Address: FTS
200 THIRD AVE
CARNEGIE, PA 15106

Phone #: 412-279-3363

FAX#: 412-279-4512

Sampler's Signature: Jeff Leaver

Sampler's Printed Name: JEFF LEAVER

ANALYSIS REQUESTED (Include Method Numbe[redacted]

PRESERVATIVE

0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	8260B	8270 C	DISS. METALS
TRIPBLANK-022309		2/23/09	—	D.I.	2	X		
FILTERBLANK-022309			1430	[illegible]	1			X
FB-01-022309			1450	D.I.	6	X	X	X
EB-01-022309			1415	D.I.				
FW-99A-022309			1800	GW				
FW-3-022309			1310					
FW-6-022309			1605					
FW-6-022309 MS/MSD			1605		12			

J.L. 2/24/09

J.L. 2/24/09

J.L. 2/24/09

SPECIAL INSTRUCTIONS/COMMENTS

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:

See QAPP ☐

CUSTODY SEALS: Y N

SAMPLE RECEIPT: CONDITION/COOLER TEMP: [illegible]

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Jeff Leaver	Signature: Matthew Kidaner	Signature	Signature	Signature	Signature
Printed Name: JEFF LEAVER	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm: [illegible]	Firm	Firm	Firm	Firm
	Date/Time: 2-24-09 1242	Date/Time	Date/Time	Date/Time	Date/Time

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # 5090905

Project: Beazer/Gainesville

Cooler received on 2.24.09 and opened on 2.24.09 by GB

COURIER (CAS) UPS FEDEX DHL CLIENT Tracking #

1	Were custody seals on outside of cooler?		(No)	N/A
2	Were seals intact, signed and dated?			(N/A)
3	Were custody papers properly filled out?	(Yes)	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	0°C	0.3°C	
5	Correct Temperature?	(Yes)	No	N/A
6	Were Ice or Ice Packs present	(Yes)	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	(Yes)	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	(Yes)	No	N/A
9	Did all bottle labels and tags agree with custody papers?	(Yes)	No	N/A
10	Were the correct bottles used for the tests indicated?	(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 (HCl pH<2) Preservative additions noted below			
12	Were all samples received within analysis holding times?	(Yes)	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	(Yes)	No	N/A
14	Where did the bottles originate?	(CAS)	Client	

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

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

Client approval to run samples if discrepancies noted: Date: 9

SR # : J 0900905

Date: 2.24.09 Initials: GB

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

Bottle Code

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Container	40ml G	40ml G	40mL G	40mL G	125mL P	125mL P	125mL P	125mL P	250mL P	250mL P	250mL P	250mL P	250mL P	250mL G	250mL G	500mL P	500mL P	500mL P	1L P	1L P	1L G	1L G	1L G	2oz G	4oz G	8oz G	16oz G	5g ENC	100mL P	Misc. Misc.
Pres.		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-	-				-	-
-001		2																												
-002								1													2									
-003		3						1													2									
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Columbia Analytical Services

Summary Package

9143 Philips Highway, Suite 200
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Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
Trip Blank-022309	J0900905-001	02/23/2009	02/24/2009
FB-01-022309	J0900905-003	02/23/2009	02/24/2009
EB-01-022309	J0900905-004	02/23/2009	02/24/2009
FW-99A-022309	J0900905-005	02/23/2009	02/24/2009
FW-3-022309	J0900905-006	02/23/2009	02/24/2009
FW-6-022309	J0900905-007	02/23/2009	02/24/2009
FW-6-022309MS	JWG0900675-1	02/23/2009	02/24/2009
FW-6-022309DMS	JWG0900675-2		

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: AL Wray

Name: AL Wray

Date: 2-26-09

Title: Analyst

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Trip Blank-022309
Lab Code: J0900905-001

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA
Level: Low

Sample Name: FB-01-022309
Lab Code: J0900905-003

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	84	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: EB-01-022309
Lab Code: J0900905-004

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	84	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-99A-022309
Lab Code: J0900905-005

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	89	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-3-022309
Lab Code: J0900905-006

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	92	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-6-022309
Lab Code: J0900905-007

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	11		1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	1.2		1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	1.1		1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	5.0		2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	1.4		1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	84	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	87	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: NA
Date Received: NA

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900675-4

Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	80	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Surrogate Recovery Summary
Volatile Organic Compounds by GC/MS

Units: PERCENT
Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4
Trip Blank-022309	J0900905-001	83	90	96	85
FB-01-022309	J0900905-003	82	91	95	84
EB-01-022309	J0900905-004	82	91	95	84
FW-99A-022309	J0900905-005	82	89	96	85
FW-3-022309	J0900905-006	83	92	96	85
FW-6-022309	J0900905-007	84	87	95	85
Method Blank	JWG0900675-4	80	91	96	85
FW-6-022309MS	JWG0900675-1	84	89	97	87
FW-6-022309DMS	JWG0900675-2	83	90	97	86
Lab Control Sample	JWG0900675-3	83	89	95	85

Surrogate Recovery Control Limits (%)	
Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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/OM045009-091

Service Request: J0900905
Date Analyzed: 02/25/2009
Time Analyzed: 12:52

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0
Instrument ID: MS52.i
Analysis Method: 8260B

Lab Code: JWG0900676-2
Analysis Lot: JWG0900676
Column: DB-VRX

	1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
	Area	RT	Area	RT	Area	RT
Results ==>	144,940	11.38	158,138	8.95	376,649	5.61
Upper Limit ==>	289,880	11.88	316,276	9.45	753,298	6.11
Lower Limit ==>	72,470	10.88	79,069	8.45	188,325	5.11
ICAL Result ==>	126,108	11.38	133,074	8.95	309,887	5.61
Associated Analyses						
Lab Control Sample	JWG0900675-3	143,707	11.38	151,797	8.95	370,687	5.61
Method Blank	JWG0900675-4	147,828	11.38	155,911	8.95	380,586	5.61
Trip Blank-022309	J0900905-001	147,174	11.38	154,262	8.95	379,633	5.61
FB-01-022309	J0900905-003	148,027	11.38	156,124	8.95	382,763	5.61
EB-01-022309	J0900905-004	146,479	11.38	155,606	8.95	380,368	5.61
FW-99A-022309	J0900905-005	149,632	11.38	156,800	8.95	381,488	5.61
FW-3-022309	J0900905-006	147,413	11.38	154,737	8.95	377,479	5.61
FW-6-022309	J0900905-007	152,547	11.38	155,770	8.95	380,310	5.61
FW-6-022309MS	JWG0900675-1	149,756	11.38	152,123	8.95	370,324	5.61
FW-6-022309DMS	JWG0900675-2	147,629	11.38	150,865	8.95	368,079	5.61

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

Units: ug/L
Basis: NA

Sample Name: FW-6-022309
Lab Code: J0900905-007

Level: Low
Extraction Lot: JWG0900675

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Sample Result	FW-6-022309MS JWG0900675-1 Matrix Spike			FW-6-022309DMS JWG0900675-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	11	29.9	20.0	92	31.2	20.0	98	78-123	4	30
Toluene	1.2	21.6	20.0	102	22.8	20.0	108	86-119	5	30
Ethylbenzene	1.1	21.4	20.0	102	22.7	20.0	108	87-122	6	30
m,p-Xylenes	5.0	44.6	40.0	99	46.5	40.0	104	82-120	4	30
o-Xylene	1.4	21.4	20.0	100	22.4	20.0	105	85-119	5	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

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900675

Extraction Method: EPA 5030B
Analysis Method: 8260B

Lab Control Sample
JWG0900675-3

Analyte Name	Lab Control Spike Result	Expected	%Rec	%Rec Limits
Benzene	20.3	20.0	101	79-119
Toluene	21.2	20.0	106	86-117
Ethylbenzene	21.1	20.0	105	90-118
m,p-Xylenes	40.8	40.0	102	86-121
o-Xylene	20.5	20.0	103	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009
Time Analyzed: 14:11

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900675-4

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529B25.B\0225-18.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900675

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900675-3	J:\MS52\DATA\MS529B25.B\0225-16.D	02/25/09	13:18
Trip Blank-022309	J0900905-001	J:\MS52\DATA\MS529B25.B\0225-20.D	02/25/09	15:05
FB-01-022309	J0900905-003	J:\MS52\DATA\MS529B25.B\0225-21.D	02/25/09	15:31
EB-01-022309	J0900905-004	J:\MS52\DATA\MS529B25.B\0225-22.D	02/25/09	15:58
FW-99A-022309	J0900905-005	J:\MS52\DATA\MS529B25.B\0225-23.D	02/25/09	16:24
FW-3-022309	J0900905-006	J:\MS52\DATA\MS529B25.B\0225-24.D	02/25/09	16:51
FW-6-022309	J0900905-007	J:\MS52\DATA\MS529B25.B\0225-25.D	02/25/09	17:18
FW-6-022309MS	JWG0900675-1	J:\MS52\DATA\MS529B25.B\0225-39.D	02/25/09	23:28
FW-6-022309DMS	JWG0900675-2	J:\MS52\DATA\MS529B25.B\0225-40.D	02/25/09	23:54

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009
Time Analyzed: 13:18

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name: Lab Control Sample
Lab Code: JWG0900675-3

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529B25.B\0225-16.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900675

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900675-4	J:\MS52\DATA\MS529B25.B\0225-18.D	02/25/09	14:11
Trip Blank-022309	J0900905-001	J:\MS52\DATA\MS529B25.B\0225-20.D	02/25/09	15:05
FB-01-022309	J0900905-003	J:\MS52\DATA\MS529B25.B\0225-21.D	02/25/09	15:31
EB-01-022309	J0900905-004	J:\MS52\DATA\MS529B25.B\0225-22.D	02/25/09	15:58
FW-99A-022309	J0900905-005	J:\MS52\DATA\MS529B25.B\0225-23.D	02/25/09	16:24
FW-3-022309	J0900905-006	J:\MS52\DATA\MS529B25.B\0225-24.D	02/25/09	16:51
FW-6-022309	J0900905-007	J:\MS52\DATA\MS529B25.B\0225-25.D	02/25/09	17:18
FW-6-022309MS	JWG0900675-1	J:\MS52\DATA\MS529B25.B\0225-39.D	02/25/09	23:28
FW-6-022309DMS	JWG0900675-2	J:\MS52\DATA\MS529B25.B\0225-40.D	02/25/09	23:54

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 02/25/2009
Time Analyzed: 12:30

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Tune Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B
Analysis Lot: JWG0900676

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0225-14.D
Instrument ID: MS52.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	19.1	1338	PASS
75	95	30	60	51.3	3590	PASS
95	95	100	100	100.0	6996	PASS
96	95	5	9	6.0	422	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	98.8	6914	PASS
175	174	5	9	6.4	440	PASS
176	174	95	101	100.3	6932	PASS
177	176	5	9	5.3	366	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900676-2	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	12:52	
Lab Control Sample	JWG0900675-3	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	13:18	
Method Blank	JWG0900675-4	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	14:11	
Trip Blank-022309	J0900905-001	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	15:05	
FB-01-022309	J0900905-003	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	15:31	
EB-01-022309	J0900905-004	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	15:58	
FW-99A-022309	J0900905-005	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	16:24	
FW-3-022309	J0900905-006	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	16:51	
FW-6-022309	J0900905-007	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	17:18	
FW-6-022309MS	JWG0900675-1	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	23:28	
FW-6-022309DMS	JWG0900675-2	J:\MS52\DATA\MS529B25.B\0225-4	02/25/2009	23:54	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 01/29/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1737
Instrument ID: MS52.i

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
B	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
C	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
D	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
E	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
F	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
G	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
H	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.05	B	2.0	1.08	C	5.0	1.06	D	20	1.20	E	50	1.21
	F	100	1.15	G	150	1.17	H	200	1.15						
‡ Toluene	A	1.0	2.75	B	2.0	2.80	C	5.0	2.61	D	20	2.92	E	50	2.84
	F	100	2.68	G	150	2.57	H	200	2.41						
‡ Ethylbenzene	A	1.0	2.99	B	2.0	2.90	C	5.0	2.79	D	20	3.15	E	50	3.07
	F	100	2.93	G	150	2.79	H	200	2.64						
m,p-Xylenes	A	2.0	1.14	B	4.0	1.10	C	10	1.09	D	40	1.22	E	100	1.18
	F	200	1.12	G	300	1.09	H	400	1.04						
o-Xylene	A	1.0	2.45	B	2.0	2.43	C	5.0	2.44	D	20	2.58	E	50	2.50
	F	100	2.37	G	150	2.30	H	200	2.20						
1,2-Dichloroethane-d4							C	10	0.150	D	20	0.149	E	50	0.169
	F	100	0.167	G	150	0.168	H	200	0.167						
4-Bromofluorobenzene							C	10	0.798	D	20	0.832	E	50	0.899
	F	100	0.903	G	150	0.884	H	200	0.860						
Toluene-d8							C	10	2.10	D	20	2.03	E	50	2.23
	F	100	2.24	G	150	2.13	H	200	1.98						
Dibromofluoromethane							C	10	0.231	D	20	0.235	E	50	0.26
	F	100	0.268	G	150	0.269	H	200	0.266						
† Chlorobenzene	A	1.0	1.92	B	2.0	1.76	C	5.0	1.78	D	20	1.89	E	50	1.8
	F	100	1.78	G	150	1.72	H	200	1.64						
‡ Chloroform	A	1.0	0.466	B	2.0	0.457	C	5.0	0.459	D	20	0.538	E	50	0.5
	F	100	0.513	G	150	0.519	H	200	0.518						
† Chloromethane	A	1.0	0.484	B	2.0	0.476	C	5.0	0.474	D	20	0.582	E	50	0.5
	F	100	0.497	G	150	0.468	H	200	0.440						
‡ Vinyl Chloride	A	1.0	0.382	B	2.0	0.354	C	5.0	0.395	D	20	0.468	E	50	0.
	F	100	0.413	G	150	0.406	H	200	0.399						
† Bromoform				B	2.0	0.315	C	5.0	0.364	D	20	0.402	E	50	0
	F	100	0.452	G	150	0.443	H	200	0.432						

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 01/29/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1737
Instrument ID: MS52.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.531	B	2.0	0.507	C	5.0	0.521	D	20	0.614	E	50	0.608
	F	100	0.585	G	150	0.598	H	200	0.588						
‡ 1,1-Dichloroethene	A	1.0	0.392	B	2.0	0.432	C	5.0	0.434	D	20	0.531	E	50	0.522
	F	100	0.507	G	150	0.514	H	200	0.507						
‡ 1,2-Dichloropropane	A	1.0	0.278	B	2.0	0.287	C	5.0	0.289	D	20	0.337	E	50	0.333
	F	100	0.322	G	150	0.322	H	200	0.323						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.676	B	2.0	0.640	C	5.0	0.664	D	20	0.711	E	50	0.668
	F	100	0.646	G	150	0.624	H	200	0.604						

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

† **SPCC Compound**

‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 01/29/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1737
Instrument ID: MS52.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	5.4		≤ 15	1.13		0.01
‡ Toluene	MS	AverageRF	% RSD	6.1		≤ 15	2.70		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	5.7		≤ 15	2.91		0.01
m,p-Xylenes	MS	AverageRF	% RSD	5.1		≤ 15	1.12		0.01
o-Xylene	MS	AverageRF	% RSD	4.9		≤ 15	2.41		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	5.9		≤ 15	0.162		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	4.8		≤ 15	0.863		
Toluene-d8	SURR	AverageRF	% RSD	4.9		≤ 15	2.12		
Dibromofluoromethane	SURR	AverageRF	% RSD	6.7		≤ 15	0.255		
† Chlorobenzene	MS	AverageRF	% RSD	5.2		≤ 15	1.79		0.3
‡ Chloroform	MS	AverageRF	% RSD	6.7		≤ 15	0.500		0.01
† Chloromethane	MS	AverageRF	% RSD	9.6		≤ 15	0.497		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	8.6		≤ 15	0.407		0.01
† Bromoform	MS	AverageRF	% RSD	12.3		≤ 15	0.406		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	7.5		≤ 15	0.569		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	10.9		≤ 15	0.480		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	7.4		≤ 15	0.311		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	5.0		≤ 15	0.654		0.3

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 01/29/2009
Date Analyzed: 01/29/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Units: ug/L

ICAL Type: Internal Standard
Analysis Method: 8260B

Column ID: DB-VRX

File ID: \\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\0129-14.D

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	49	1.13	1.11	-2	NA	± 30 %	AverageRF
‡ Toluene	50	49	2.70	2.65	-2	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	49	2.91	2.82	-3	NA	± 30 %	AverageRF
m,p-Xylenes	100	97	1.12	1.09	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	2.41	2.31	-4	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.654	0.637	-3	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.569	0.560	-2	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	49	0.480	0.474	-1	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.311	0.315	1	NA	± 30 %	AverageRF
† Bromoform	50	51	0.406	0.417	3	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	1.79	1.72	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	49	0.500	0.490	-2	NA	± 30 %	AverageRF
† Chloromethane	50	49	0.497	0.485	-2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	48	0.407	0.389	-4	NA	± 30 %	AverageRF

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 02/25/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Date: 01/29/2009
ICAL ID: CAL1737
Analysis Lot: JWG0900676
Units: ug/L
Column ID: DB-VRX

ICAL Type: Internal Standard
Analysis Method: 8260B

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0225-15.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	48	0.01	1.13	1.10	-3	NA	± 30 %	AverageRF
‡ Toluene	50	50	0.01	2.70	2.69	0	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	49	0.01	2.91	2.86	-2	NA	± 20 %	AverageRF
m,p-Xylenes	100	97	0.01	1.12	1.08	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	0.01	2.41	2.31	-4	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	40		0.162	0.130	-19	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	44		0.863	0.767	-11	NA	± 30 %	AverageRF
Toluene-d8	50	46		2.12	1.95	-8	NA	± 30 %	AverageRF
Dibromofluoromethane	50	42		0.255	0.215	-16	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	51	0.3	0.654	0.665	2	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	0.3	1.79	1.73	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	48	0.01	0.500	0.477	-5	NA	± 20 %	AverageRF
† Chloromethane	50	51	0.1	0.497	0.504	1	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	51	0.01	0.407	0.415	2	NA	± 20 %	AverageRF
† Bromoform	50	47	0.1	0.406	0.385	-5	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	48	0.1	0.569	0.548	-4	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	48	0.01	0.480	0.456	-5	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	52	0.01	0.311	0.323	4	NA	± 20 %	AverageRF

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Volatile Orgauic Compounds by GC/MS

Analysis Lot: JWG0900676
Instrument ID: MS52.i
Column: DB-VRX

Analysis Method: 8260B

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0225-14.D	GC/MS Tuning - Bromofluorobenzene	JWG0900676-1	2/25/2009	12:30		2/25/2009	12:30
\0225-15.D	Continuing Calibration Verification	JWG0900676-2	2/25/2009	12:52		2/25/2009	12:52
\0225-16.D	Lab Control Sample	JWG0900675-3	2/25/2009	13:18		2/25/2009	13:18
\0225-18.D	Method Blank	JWG0900675-4	2/25/2009	14:11		2/25/2009	14:11
\0225-19.D	ZZZZZZ	ZZZZZZ	2/25/2009	14:38		2/25/2009	14:38
\0225-20.D	Trip Blank-022309	J0900905-001	2/25/2009	15:05		2/25/2009	15:05
\0225-21.D	FB-01-022309	J0900905-003	2/25/2009	15:31		2/25/2009	15:31
\0225-22.D	EB-01-022309	J0900905-004	2/25/2009	15:58		2/25/2009	15:58
\0225-23.D	FW-99A-022309	J0900905-005	2/25/2009	16:24		2/25/2009	16:24
\0225-24.D	FW-3-022309	J0900905-006	2/25/2009	16:51		2/25/2009	16:51
\0225-25.D	FW-6-022309	J0900905-007	2/25/2009	17:18		2/25/2009	17:18
\0225-26.D	ZZZZZZ	ZZZZZZ	2/25/2009	17:44		2/25/2009	17:44
\0225-27.D	ZZZZZZ	ZZZZZZ	2/25/2009	18:10		2/25/2009	18:10
\0225-28.D	ZZZZZZ	ZZZZZZ	2/25/2009	18:36		2/25/2009	18:36
\0225-29.D	ZZZZZZ	ZZZZZZ	2/25/2009	19:03		2/25/2009	19:03
\0225-30.D	ZZZZZZ	ZZZZZZ	2/25/2009	19:29		2/25/2009	19:29
\0225-31.D	ZZZZZZ	ZZZZZZ	2/25/2009	19:56		2/25/2009	19:56
\0225-32.D	ZZZZZZ	ZZZZZZ	2/25/2009	20:22		2/25/2009	20:22
\0225-33.D	ZZZZZZ	ZZZZZZ	2/25/2009	20:49		2/25/2009	20:49
\0225-34.D	ZZZZZZ	ZZZZZZ	2/25/2009	21:15		2/25/2009	21:15
\0225-35.D	ZZZZZZ	ZZZZZZ	2/25/2009	21:41		2/25/2009	21:41
\0225-36.D	ZZZZZZ	ZZZZZZ	2/25/2009	22:08		2/25/2009	22:08
\0225-37.D	ZZZZZZ	ZZZZZZ	2/25/2009	22:34		2/25/2009	22:34
\0225-38.D	ZZZZZZ	ZZZZZZ	2/25/2009	23:01		2/25/2009	23:01
\0225-39.D	FW-6-022309MS	JWG0900675-1	2/25/2009	23:28		2/25/2009	23:28
\0225-40.D	FW-6-022309DMS	JWG0900675-2	2/25/2009	23:54		2/25/2009	23:54

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Extracted: 02/25/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Lot: JWG0900675
Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
Trip Blank-022309	J0900905-001	02/23/09	02/24/09	5ml	5ml	NA	
FB-01-022309	J0900905-003	02/23/09	02/24/09	5ml	5ml	NA	
EB-01-022309	J0900905-004	02/23/09	02/24/09	5ml	5ml	NA	
FW-99A-022309	J0900905-005	02/23/09	02/24/09	5ml	5ml	NA	
FW-3-022309	J0900905-006	02/23/09	02/24/09	5ml	5ml	NA	
FW-6-022309	J0900905-007	02/23/09	02/24/09	5ml	5ml	NA	
Method Blank	JWG0900675-4	NA	NA	5ml	5ml	NA	
FW-6-022309MS	JWG0900675-1	02/23/09	02/24/09	5ml	5ml	NA	
FW-6-022309DMS	JWG0900675-2	02/23/09	02/24/09	5ml	5ml	NA	
Lab Control Sample	JWG0900675-3	NA	NA	5ml	5ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FB-01-022309	J0900905-003	02/23/2009	02/24/2009
EB-01-022309	J0900905-004	02/23/2009	02/24/2009
FW-99A-022309	J0900905-005	02/23/2009	02/24/2009
FW-3-022309	J0900905-006	02/23/2009	02/24/2009
FW-6-022309	J0900905-007	02/23/2009	02/24/2009
FW-6-022309DMS	JWG0900671-1	02/23/2009	02/24/2009
FW-6-022309MS	JWG0900671-3		

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: William Mark

Date: 3/14/9 Title: Scientist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FB-01-022309
Lab Code: J0900905-003

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.5	0.47	1	02/25/09	03/03/09	JWG0900671	
2-Methylphenol	ND	U	5.5	0.71	1	02/25/09	03/03/09	JWG0900671	
4-Methylphenol†	ND	U	5.5	0.85	1	02/25/09	03/03/09	JWG0900671	
2,4-Dimethylphenol	ND	U	5.5	0.87	1	02/25/09	03/03/09	JWG0900671	
Naphthalene	ND	U	5.5	0.87	1	02/25/09	03/03/09	JWG0900671	
2-Methylnaphthalene	ND	U	5.5	0.82	1	02/25/09	03/03/09	JWG0900671	
Acenaphthylene	ND	U	5.5	0.64	1	02/25/09	03/03/09	JWG0900671	
Acenaphthene	ND	U	5.5	1.1	1	02/25/09	03/03/09	JWG0900671	
Dibenzofuran	ND	U	5.5	0.87	1	02/25/09	03/03/09	JWG0900671	
Fluorene	ND	U	5.5	0.97	1	02/25/09	03/03/09	JWG0900671	
Pentachlorophenol	ND	U	22	0.74	1	02/25/09	03/03/09	JWG0900671	
Phenanthrene	ND	U	5.5	0.77	1	02/25/09	03/03/09	JWG0900671	
Anthracene	ND	U	5.5	0.79	1	02/25/09	03/03/09	JWG0900671	
Carbazole	ND	U	5.5	0.82	1	02/25/09	03/03/09	JWG0900671	
Fluoranthene	ND	U	5.5	0.73	1	02/25/09	03/03/09	JWG0900671	
Pyrene	ND	U	5.5	0.93	1	02/25/09	03/03/09	JWG0900671	
Benz(a)anthracene	ND	U	5.5	0.95	1	02/25/09	03/03/09	JWG0900671	
Chrysene	ND	U	5.5	0.96	1	02/25/09	03/03/09	JWG0900671	
Benzo(b)fluoranthene	ND	UJ	5.5	0.96	1	02/25/09	03/03/09	JWG0900671	J(3)
Benzo(k)fluoranthene	ND	U	5.5	0.60	1	02/25/09	03/03/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.5	0.70	1	02/25/09	03/03/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.5	0.61	1	02/25/09	03/03/09	JWG0900671	
Dibenz(a,h)anthracene	ND	U	5.5	0.69	1	02/25/09	03/03/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.5	1.0	1	02/25/09	03/03/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FB-01-022309
Lab Code: J0900905-003

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	36	10-77	03/03/09	Acceptable
Phenol-d6	18	10-51	03/03/09	Acceptable
Nitrobenzene-d5	72	32-106	03/03/09	Acceptable
2-Fluorobiphenyl	76	30-102	03/03/09	Acceptable
2,4,6-Tribromophenol	88	30-143	03/03/09	Acceptable
Terphenyl-d14	89	23-165	03/03/09	Acceptable

† Analyte Comments	
4-Methylphenol	This analyte cannot be separated from 3-Methylphenol.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA
Level: Low

Sample Name: EB-01-022309
Lab Code: J0900905-004

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.4	0.46	1	02/25/09	03/03/09	JWG0900671	
2-Methylphenol	ND	U	5.4	0.69	1	02/25/09	03/03/09	JWG0900671	
4-Methylphenol†	ND	U	5.4	0.83	1	02/25/09	03/03/09	JWG0900671	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	02/25/09	03/03/09	JWG0900671	
Naphthalene	ND	U	5.4	0.85	1	02/25/09	03/03/09	JWG0900671	
2-Methylnaphthalene	ND	U	5.4	0.80	1	02/25/09	03/03/09	JWG0900671	
Acenaphthylene	ND	U	5.4	0.63	1	02/25/09	03/03/09	JWG0900671	
Acenaphthene	ND	U	5.4	1.1	1	02/25/09	03/03/09	JWG0900671	
Dibenzofuran	ND	U	5.4	0.85	1	02/25/09	03/03/09	JWG0900671	
Fluorene	ND	U	5.4	0.95	1	02/25/09	03/03/09	JWG0900671	
Pentachlorophenol	ND	U	22	0.73	1	02/25/09	03/03/09	JWG0900671	
Phenanthrene	ND	U	5.4	0.76	1	02/25/09	03/03/09	JWG0900671	
Anthracene	ND	U	5.4	0.77	1	02/25/09	03/03/09	JWG0900671	
Carbazole	ND	U	5.4	0.80	1	02/25/09	03/03/09	JWG0900671	
Fluoranthene	ND	U	5.4	0.71	1	02/25/09	03/03/09	JWG0900671	
Pyrene	ND	U	5.4	0.91	1	02/25/09	03/03/09	JWG0900671	
Benz(a)anthracene	ND	U	5.4	0.93	1	02/25/09	03/03/09	JWG0900671	
Chrysene	ND	U	5.4	0.94	1	02/25/09	03/03/09	JWG0900671	
Benzo(b)fluoranthene	ND	UJ	5.4	0.94	1	02/25/09	03/03/09	JWG0900671	J(3)
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	02/25/09	03/03/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.4	0.68	1	02/25/09	03/03/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	02/25/09	03/03/09	JWG0900671	
Dibenz(a,h)anthraceue	ND	U	5.4	0.67	1	02/25/09	03/03/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	02/25/09	03/03/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: EB-01-022309
Lab Code: J0900905-004

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	23	10-77	03/03/09	Acceptable
Phenol-d6	12	10-51	03/03/09	Acceptable
Nitrobenzene-d5	43	32-106	03/03/09	Acceptable
2-Fluorobiphenyl	46	30-102	03/03/09	Acceptable
2,4,6-Tribromophenol	63	30-143	03/03/09	Acceptable
Terphenyl-d14	78	23-165	03/03/09	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/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-99A-022309
Lab Code: J0900905-005

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.8	0.49	1	02/25/09	03/03/09	JWG0900671	
2-Methylphenol	ND	U	5.8	0.74	1	02/25/09	03/03/09	JWG0900671	
4-Methylphenol†	ND	U	5.8	0.89	1	02/25/09	03/03/09	JWG0900671	
2,4-Dimethylphenol	ND	U	5.8	0.91	1	02/25/09	03/03/09	JWG0900671	
Naphthalene	ND	U	5.8	0.91	1	02/25/09	03/03/09	JWG0900671	
2-Methylnaphthalene	ND	U	5.8	0.86	1	02/25/09	03/03/09	JWG0900671	
Acenaphthylene	ND	U	5.8	0.67	1	02/25/09	03/03/09	JWG0900671	
Acenaphthene	ND	U	5.8	1.2	1	02/25/09	03/03/09	JWG0900671	
Dibenzofuran	ND	U	5.8	0.91	1	02/25/09	03/03/09	JWG0900671	
Fluorene	ND	U	5.8	1.1	1	02/25/09	03/03/09	JWG0900671	
Pentachlorophenol	ND	U	23	0.78	1	02/25/09	03/03/09	JWG0900671	
Phenanthrene	ND	U	5.8	0.81	1	02/25/09	03/03/09	JWG0900671	
Anthracene	ND	U	5.8	0.82	1	02/25/09	03/03/09	JWG0900671	
Carbazole	ND	U	5.8	0.86	1	02/25/09	03/03/09	JWG0900671	
Fluoranthene	ND	U	5.8	0.76	1	02/25/09	03/03/09	JWG0900671	
Pyrene	ND	U	5.8	0.97	1	02/25/09	03/03/09	JWG0900671	
Benz(a)anthracene	ND	U	5.8	0.99	1	02/25/09	03/03/09	JWG0900671	
Chrysene	ND	U	5.8	1.0	1	02/25/09	03/03/09	JWG0900671	
Benzo(b)fluoranthene	ND	UJ	5.8	1.0	1	02/25/09	03/03/09	JWG0900671	J(3)
Benzo(k)fluoranthene	ND	U	5.8	0.63	1	02/25/09	03/03/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.8	0.73	1	02/25/09	03/03/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.8	0.64	1	02/25/09	03/03/09	JWG0900671	
Dibenz(a,h)anthracene	ND	U	5.8	0.72	1	02/25/09	03/03/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.8	1.1	1	02/25/09	03/03/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-99A-022309
Lab Code: J0900905-005

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	3	10-77	03/03/09	Outside Control Limits
Phenol-d6	2	10-51	03/03/09	Outside Control Limits
Nitrobenzene-d5	5	32-106	03/03/09	Outside Control Limits
2-Fluorobiphenyl	6	30-102	03/03/09	Outside Control Limits
2,4,6-Tribromophenol	11	30-143	03/03/09	Outside Control Limits
Terphenyl-d14	31	23-165	03/03/09	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/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-3-022309
Lab Code: J0900905-006

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.7	0.48	1	02/25/09	03/04/09	JWG0900671	
2-Methylphenol	ND	U	5.7	0.73	1	02/25/09	03/04/09	JWG0900671	
4-Methylphenol†	ND	U	5.7	0.88	1	02/25/09	03/04/09	JWG0900671	
2,4-Dimethylphenol	**1.0**	J	5.7	0.90	1	02/25/09	03/04/09	JWG0900671	
Naphthalene	**1.4**	J	5.7	0.90	1	02/25/09	03/04/09	JWG0900671	
2-Methylnaphthalene	ND	U	5.7	0.85	1	02/25/09	03/04/09	JWG0900671	
Acenaphthylene	ND	U	5.7	0.66	1	02/25/09	03/04/09	JWG0900671	
Acenaphthene	ND	U	5.7	1.2	1	02/25/09	03/04/09	JWG0900671	
Dibenzofuran	ND	U	5.7	0.90	1	02/25/09	03/04/09	JWG0900671	
Fluorene	ND	U	5.7	1.0	1	02/25/09	03/04/09	JWG0900671	
Pentachlorophenol	ND	U	23	0.77	1	02/25/09	03/04/09	JWG0900671	
Phenanthrene	ND	U	5.7	0.80	1	02/25/09	03/04/09	JWG0900671	
Anthracene	ND	U	5.7	0.81	1	02/25/09	03/04/09	JWG0900671	
Carbazole	ND	U	5.7	0.85	1	02/25/09	03/04/09	JWG0900671	
Fluoranthene	ND	U	5.7	0.75	1	02/25/09	03/04/09	JWG0900671	
Pyrene	ND	U	5.7	0.96	1	02/25/09	03/04/09	JWG0900671	
Benz(a)anthracene	ND	U	5.7	0.98	1	02/25/09	03/04/09	JWG0900671	
Chrysene	ND	U	5.7	0.99	1	02/25/09	03/04/09	JWG0900671	
Benzo(b)fluoranthene	ND	UJ	5.7	0.99	1	02/25/09	03/04/09	JWG0900671	J(3)
Benzo(k)fluoranthene	ND	U	5.7	0.62	1	02/25/09	03/04/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.7	0.72	1	02/25/09	03/04/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.63	1	02/25/09	03/04/09	JWG0900671	
Dibenz(a,h)anthracene	ND	U	5.7	0.71	1	02/25/09	03/04/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/25/09	03/04/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-3-022309
Lab Code: J0900905-006

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/04/09	Acceptable
Phenol-d6	15	10-51	03/04/09	Acceptable
Nitrobenzene-d5	61	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	70	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	85	30-143	03/04/09	Acceptable
Terphenyl-d14	111	23-165	03/04/09	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/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-6-022309
Lab Code: J0900905-007

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.5	0.47	1	02/25/09	03/03/09	JWG0900671	
2-Methylphenol	8.7		5.5	0.71	1	02/25/09	03/03/09	JWG0900671	
4-Methylphenol†	8.9		5.5	0.85	1	02/25/09	03/03/09	JWG0900671	
2,4-Dimethylphenol	19		5.5	0.87	1	02/25/09	03/03/09	JWG0900671	
Naphthalene	1100		55	8.7	10	02/25/09	03/04/09	JWG0900671	
2-Methylnaphthalene	86		5.5	0.82	1	02/25/09	03/03/09	JWG0900671	
Acenaphthylene	ND	U	5.5	0.64	1	02/25/09	03/03/09	JWG0900671	
Acenaphthene	18		5.5	1.1	1	02/25/09	03/03/09	JWG0900671	
Dibenzofuran	47		5.5	0.87	1	02/25/09	03/03/09	JWG0900671	
Fluorene	48		5.5	0.97	1	02/25/09	03/03/09	JWG0900671	
Pentachlorophenol	ND	U	22	0.74	1	02/25/09	03/03/09	JWG0900671	
Phenanthrene	43		5.5	0.77	1	02/25/09	03/03/09	JWG0900671	
Anthracene	3.7	J	5.5	0.79	1	02/25/09	03/03/09	JWG0900671	
Carbazole	48		5.5	0.82	1	02/25/09	03/03/09	JWG0900671	
Fluoranthene	7.5		5.5	0.73	1	02/25/09	03/03/09	JWG0900671	
Pyrene	4.4	J	5.5	0.93	1	02/25/09	03/03/09	JWG0900671	
Benz(a)anthracene	ND	U	5.5	0.95	1	02/25/09	03/03/09	JWG0900671	
Chrysene	ND	U	5.5	0.96	1	02/25/09	03/03/09	JWG0900671	J(3)
Benzo(b)fluoranthene	ND	UJ	5.5	0.96	1	02/25/09	03/03/09	JWG0900671	
Benzo(k)fluoranthene	ND	U	5.5	0.60	1	02/25/09	03/03/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.5	0.70	1	02/25/09	03/03/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.5	0.61	1	02/25/09	03/03/09	JWG0900671	
Dibenz(a,h)anthracene	ND	U	5.5	0.69	1	02/25/09	03/03/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.5	1.0	1	02/25/09	03/03/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW-6-022309
Lab Code: J0900905-007

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/03/09	Acceptable
Phenol-d6	15	10-51	03/03/09	Acceptable
Nitrobenzene-d5	62	32-106	03/03/09	Acceptable
2-Fluorobiphenyl	68	30-102	03/03/09	Acceptable
2,4,6-Tribromophenol	81	30-143	03/03/09	Acceptable
Terphenyl-d14	78	23-165	03/03/09	Acceptable

† Analyte Comments	
4-Methylphenol	This analyte cannot be separated from 3-Methylphenol.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: NA
Date Received: NA

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900671-4

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.6	0.47	1	02/25/09	03/03/09	JWG0900671	
2-Methylphenol	ND	U	5.6	0.54	1	02/25/09	03/03/09	JWG0900671	
4-Methylphenol†	ND	U	5.6	0.86	1	02/25/09	03/03/09	JWG0900671	
2,4-Dimethylphenol	ND	U	5.6	0.66	1	02/25/09	03/03/09	JWG0900671	
Naphthalene	ND	U	5.6	0.84	1	02/25/09	03/03/09	JWG0900671	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/25/09	03/03/09	JWG0900671	
Acenaphthylene	ND	U	5.6	0.74	1	02/25/09	03/03/09	JWG0900671	
Acenaphthene	ND	U	5.6	1.4	1	02/25/09	03/03/09	JWG0900671	
Dibenzofuran	ND	U	5.6	0.88	1	02/25/09	03/03/09	JWG0900671	
Fluorene	ND	U	5.6	0.90	1	02/25/09	03/03/09	JWG0900671	
Pentachlorophenol	ND	U	23	0.36	1	02/25/09	03/03/09	JWG0900671	
Phenanthrene	ND	U	5.6	0.59	1	02/25/09	03/03/09	JWG0900671	
Anthracene	ND	U	5.6	0.49	1	02/25/09	03/03/09	JWG0900671	
Carbazole	ND	U	5.6	0.83	1	02/25/09	03/03/09	JWG0900671	
Fluoranthene	ND	U	5.6	0.40	1	02/25/09	03/03/09	JWG0900671	
Pyrene	ND	U	5.6	0.30	1	02/25/09	03/03/09	JWG0900671	
Benz(a)anthracene	ND	U	5.6	0.43	1	02/25/09	03/03/09	JWG0900671	
Chrysene	ND	U	5.6	0.36	1	02/25/09	03/03/09	JWG0900671	
Benzo(b)fluoranthene	ND	UJ	5.6	0.99	1	02/25/09	03/03/09	JWG0900671	J(3)
Benzo(k)fluoranthene	ND	U	5.6	1.5	1	02/25/09	03/03/09	JWG0900671	
Benzo(a)pyrene	ND	U	5.6	0.62	1	02/25/09	03/03/09	JWG0900671	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.59	1	02/25/09	03/03/09	JWG0900671	
Dibenz(a,h)anthracene	ND	U	5.6	0.63	1	02/25/09	03/03/09	JWG0900671	
Benzo(g,h,i)perylene	ND	U	5.6	0.55	1	02/25/09	03/03/09	JWG0900671	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: NA
Date Received: NA

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900671-4

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/03/09	Acceptable
Phenol-d6	13	10-51	03/03/09	Acceptable
Nitrobenzene-d5	54	32-106	03/03/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/03/09	Acceptable
2,4,6-Tribromophenol	63	30-143	03/03/09	Acceptable
Terphenyl-d14	65	23-165	03/03/09	Acceptable

† Analyte Comments	
4-Methylphenol	This analyte cannot be separated from 3-Methylphenol.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: NA
Date Received: NA

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900781-1

Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.0	0.42	1	03/05/09	03/12/09	JWG0900781	
2-Methylphenol	ND	U	5.0	0.48	1	03/05/09	03/12/09	JWG0900781	
4-Methylphenol†	ND	U	5.0	0.77	1	03/05/09	03/12/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.0	0.59	1	03/05/09	03/12/09	JWG0900781	
Naphthalene	ND	U	5.0	0.75	1	03/05/09	03/12/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.0	0.74	1	03/05/09	03/12/09	JWG0900781	
Acenaphthylene	ND	U	5.0	0.66	1	03/05/09	03/12/09	JWG0900781	
Acenaphthene	ND	U	5.0	1.2	1	03/05/09	03/12/09	JWG0900781	
Dibenzofuran	ND	U	5.0	0.79	1	03/05/09	03/12/09	JWG0900781	
Fluorene	ND	U	5.0	0.81	1	03/05/09	03/12/09	JWG0900781	
Pentachlorophenol	ND	U	20	0.32	1	03/05/09	03/12/09	JWG0900781	
Phenanthrene	ND	U	5.0	0.53	1	03/05/09	03/12/09	JWG0900781	
Anthracene	ND	U	5.0	0.44	1	03/05/09	03/12/09	JWG0900781	
Carbazole	ND	U	5.0	0.74	1	03/05/09	03/12/09	JWG0900781	
Fluoranthene	ND	U	5.0	0.36	1	03/05/09	03/12/09	JWG0900781	
Pyrene	ND	U	5.0	0.27	1	03/05/09	03/12/09	JWG0900781	
Benz(a)anthracene	ND	U	5.0	0.38	1	03/05/09	03/12/09	JWG0900781	
Chrysene	ND	U	5.0	0.32	1	03/05/09	03/12/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.0	0.89	1	03/05/09	03/12/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.0	1.3	1	03/05/09	03/12/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.0	0.55	1	03/05/09	03/12/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.53	1	03/05/09	03/12/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.0	0.56	1	03/05/09	03/12/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.0	0.49	1	03/05/09	03/12/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Service Request: J0900905
Date Collected: NA
Date Received: NA

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900781-1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/12/09	Acceptable
Phenol-d6	17	10-51	03/12/09	Acceptable
Nitrobenzene-d5	74	32-106	03/12/09	Acceptable
2-Fluorobiphenyl	70	30-102	03/12/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/12/09	Acceptable
Terphenyl-d14	83	23-165	03/12/09	Acceptable

† Analyte Comments	
4-Methylphenol	This analyte cannot be separated from 3-Methylphenol.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

Units: PERCENT
Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FB-01-022309	J0900905-003	36	18	72	76	88	89
EB-01-022309	J0900905-004	23	12	43	46	63	78
FW-99A-022309	J0900905-005	3 *	2 *	5 *	6 *	11 *	31
FW-3-022309	J0900905-006	27	15	61	70	85	111
FW-6-022309	J0900905-007	30	15	62	68	81	78
Method Blank	JWG0900671-4	27	13	54	56	63	65
Method Blank	JWG0900781-1	33	17	74	70	86	83
FW-6-022309DMS	JWG0900671-1	38	20	105	83	90	90
FW-6-022309MS	JWG0900671-3	38	19	99	81	89	85
Lab Control Sample	JWG0900671-2	28	14	56	60	63	59
Duplicate Lab Control Sample	JWG0900781-2	37	20	81	78	97	87
Lab Control Sample	JWG0900781-3	37	20	78	76	99	86

Surrogate Recovery Control Limits (%)			
Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with a pound (#) indicate the control criteria is not applicable.

Form 2A - Organic

SuperSet Reference: RR27609

Printed: 03/14/2009 13:18:46
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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/03/2009
Time Aualyzed: 16:41

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Iuternal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900747-2
Analysis Lot: JWG0900747
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\030
Instrument ID: MS01.i
Analysis Method: 8270C

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>	874,010	4.85	2,854,365	5.97	1,786,070	8.17
Upper Limit ==>	1,748,020	5.35	5,708,730	6.47	3,572,140	8.67
Lower Limit ==>	437,005	4.35	1,427,183	5.47	893,035	7.67
ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses						
Method Blank	JWG0900671-4	936,752	4.84	3,232,631	5.97	2,221,872	8.17
Lab Control Sample	JWG0900671-2	1,019,012	4.86	3,469,881	5.97	2,285,184	8.17
FB-01-022309	J0900905-003	845,421	4.86	2,945,225	5.97	1,988,026	8.17
EB-01-022309	J0900905-004	788,354	4.84	2,710,036	5.97	1,845,651	8.17
FW-99A-022309	J0900905-005	811,498	4.84	2,882,865	5.96	1,919,529	8.17
FW-6-022309	J0900905-007	759,765	4.85	2,611,676	5.98	1,821,773	8.17
FW-6-022309MS	JWG0900671-3	870,616	4.86	2,380,270	5.99	1,941,019	8.18
FW-6-022309DMS	JWG0900671-1	889,298	4.86	2,305,181	5.99	1,974,418	8.18

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/03/2009
Time Analyzed: 16:41

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900747-2
Analysis Lot: JWG0900747
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\030
Instrument ID: MS01.i
Analysis Method: 8270C

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
Results ==>	2,529,422	10.38	2,571,502	14.61	2,142,433	16.75
Upper Limit ==>	5,058,844	10.88	5,143,004	15.11	4,284,866	17.25
Lower Limit ==>	1,264,711	9.88	1,285,751	14.11	1,071,217	16.25
ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses						
Method Blank	JWG0900671-4	10.38	2,943,180	14.60	2,571,306	16.75
Lab Control Sample	JWG0900671-2	10.38	3,201,521	14.61	2,482,756	16.75
FB-01-022309	J0900905-003	10.38	2,609,695	14.60	2,288,559	16.75
EB-01-022309	J0900905-004	10.38	2,436,983	14.60	2,157,165	16.75
FW-99A-022309	J0900905-005	10.38	2,563,736	14.60	2,281,433	16.75
FW-6-022309	J0900905-007	10.38	2,354,120	14.60	2,089,084	16.74
FW-6-022309MS	JWG0900671-3	10.39	2,553,401	14.61	2,114,157	16.75
FW-6-022309DMS	JWG0900671-1	10.39	2,590,123	14.61	2,150,955	16.75
	3,565,452					
	3,516,493					
	3,137,914					
	2,872,509					
	3,047,260					
	2,638,704					
	2,838,957					
	2,858,633					

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/04/2009
Time Analyzed: 13:12

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900761-2
Analysis Lot: JWG0900761
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030
Instrument ID: MS01.i
Analysis Method: 8270C

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>	979,458	4.86	3,181,869	5.98	2,102,929	8.19
Upper Limit ==>	1,958,916	5.36	6,363,738	6.48	4,205,858	8.69
Lower Limit ==>	489,729	4.36	1,590,935	5.48	1,051,465	7.69
ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses						
FW-6-022309DL	J0900905-007	967,479	4.84	3,532,743	5.97	2,222,499	8.16
FW-3-022309	J0900905-006	1,064,022	4.84	3,574,638	5.97	2,414,938	8.17

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/04/2009
Time Analyzed: 13:12

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900761-2
Analysis Lot: JWG0900761
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030
Instrument ID: MS01.i
Analysis Method: 8270C

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,062,531	10.38	2,836,028	14.61	2,267,041	16.75
	Upper Limit ==>	6,125,062	10.88	5,672,056	15.11	4,534,082	17.25
	Lower Limit ==>	1,531,266	9.88	1,418,014	14.11	1,133,521	16.25
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
FW-6-022309DL	J0900905-007	3,413,168	10.37	2,585,863	14.59	2,150,236	16.73
FW-3-022309	J0900905-006	3,662,812	10.37	2,469,890	14.59	1,977,553	16.73

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/11/2009
Time Analyzed: 19:44

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900853-2
Analysis Lot: JWG0900853
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\031
Instrument ID: MS01.i
Analysis Method: 8270C

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>	1,224,670	7.67	3,739,593	9.58	2,441,425	13.03
Upper Limit ==>	2,449,340	8.17	7,479,186	10.08	4,882,850	13.53
Lower Limit ==>	612,335	7.17	1,869,797	9.08	1,220,713	12.53
ICAL Result ==>	1,246,623	7.68	3,962,848	9.59	2,660,205	13.04
Associated Analyses						
Method Blank	JWG0900781-1	1,436,929	7.67	4,756,478	9.58	3,257,000	13.03
Lab Control Sample	JWG0900781-3	1,288,140	7.67	4,081,604	9.59	2,739,789	13.04
Duplicate Lab Control Sample	JWG0900781-2	1,399,905	7.68	4,422,138	9.59	2,964,414	13.05

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/11/2009
Time Analyzed: 19:44

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900853-2
Analysis Lot: JWG0900853
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\031
Instrument ID: MS01.i
Analysis Method: 8270C

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>	3,719,360	16.32	2,801,534	21.96	2,587,268	24.26
Upper Limit ==>	7,438,720	16.82	5,603,068	22.46	5,174,536	24.76
Lower Limit ==>	1,859,680	15.82	1,400,767	21.46	1,293,634	23.76
ICAL Result ==>	3,840,036	16.33	2,852,364	21.96	2,567,500	24.26
Associated Analyses						
Method Blank	JWG0900781-1	5,186,691	16.32	3,531,874	21.95	3,008,045	24.26
Lab Control Sample	JWG0900781-3	4,063,323	16.33	2,946,061	21.96	2,612,843	24.26
Duplicate Lab Control Sample	JWG0900781-2	4,478,429	16.34	3,186,391	21.97	2,836,400	24.27

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/13/2009
Time Analyzed: 16:26

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C13\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900877-2
Analysis Lot: JWG0900877
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
Results ==>		1,490,190	7.61	4,738,000	9.53	3,165,372	12.96
Upper Limit ==>		2,980,380	8.11	9,476,000	10.03	6,330,744	13.46
Lower Limit ==>		745,095	7.11	2,369,000	9.03	1,582,686	12.46
ICAL Result ==>		1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW-99A-022309RE	J0900905-005	1,171,066	7.61	3,730,971	9.52	2,684,647	12.97

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Analyzed: 03/13/2009
Time Analyzed: 16:26

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

Lab Code: JWG0900877-2
Analysis Lot: JWG0900877
Column : HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C13\031
Instrument ID: MS01.i
Analysis Method: 8270C

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
Results ==>		4,944,923	16.27	3,660,240	21.91	3,229,948	24.21
Upper Limit ==>		9,889,846	16.77	7,320,480	22.41	6,459,896	24.71
Lower Limit ==>		2,472,462	15.77	1,830,120	21.41	1,614,974	23.71
ICAL Result ==>		3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW-99A-022309RE	J0900905-005	4,434,638	16.26	3,379,675	21.90	3,106,100	24.21

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

Units: ug/L
Basis: NA

Sample Name: FW-6-022309
Lab Code: J0900905-007

Level: Low
Extraction Lot: JWG0900671

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Sample Result	FW-6-022309MS JWG0900671-3 Matrix Spike			FW-6-022309DMS JWG0900671-1 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	ND	12.9	50.0	26	14.9	55.6	27	10-70	14	30
2-Methylphenol	8.7	45.1	50.0	73	51.5	55.6	77	32-96	13	30
4-Methylphenol	8.9	78.5	75.0	93	89.5	83.3	97	12-106	13	30
2,4-Dimethylphenol	19	84.2	50.0	131 *	100	55.6	146 *	35-88	17	30
Naphthalene	1100	572E	50.0	-1033 #	653E	55.6	-784 #	41-93	13	30
2-Methylnaphthalene	86	171	50.0	169 *	200	55.6	205 *	48-91	16	30
Acenaphthylene	ND	41.2	50.0	82	45.0	55.6	81	46-95	9	30
Acenaphthene	18	0.711	50.0	-34 *	0.784	55.6	-31 *	48-96	10	30
Dibenzofuran	47	95.8	50.0	97	109	55.6	112 *	49-101	13	30
Fluorene	48	98.4	50.0	100 *	108	55.6	108 *	54-95	10	30
Pentachlorophenol	ND	42.6	50.0	85	52.7	55.6	95	18-141	21	30
Phenanthrene	43	92.0	50.0	99 *	103	55.6	109 *	49-95	11	30
Anthracene	3.7	50.9	50.0	94	57.0	55.6	96	50-101	11	30
Carbazole	48	94.5	50.0	93	107	55.6	107	52-126	13	30
Fluoranthene	7.5	53.2	50.0	91	59.6	55.6	94	48-103	11	30
Pyrene	4.4	51.0	50.0	93	60.1	55.6	100	49-103	16	30
Benz(a)anthracene	ND	44.5	50.0	89	52.2	55.6	94	40-104	16	30
Chrysene	ND	39.1	50.0	78	46.3	55.6	83	47-105	17	30
Benzo(b)fluoranthene	ND	33.8	50.0	68	37.5	55.6	67	54-105	10	30
Benzo(k)fluoranthene	ND	42.0	50.0	84	50.9	55.6	92	50-101	19	30
Benzo(a)pyrene	ND	33.8	50.0	68	39.4	55.6	71	48-100	15	30
Indeno(1,2,3-cd)pyrene	ND	41.6	50.0	83	48.3	55.6	87	50-115	15	30
Dibenz(a,h)anthracene	ND	39.6	50.0	79	47.1	55.6	85	44-124	17	30
Benzo(g,h,i)perylene	ND	40.9	50.0	82	47.8	55.6	86	51-114	15	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

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900671

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Lab Control Sample JWG0900671-2 Lab Control Spike Result	Expected	%Rec		%Rec Limits
Phenol	9.35	50.0	19		12-54
2-Methylphenol	23.9	50.0	48		21-100
4-Methylphenol	49.6	75.0	66		15-95
2,4-Dimethylphenol	26.8	50.0	54		38-110
Naphthalene	26.2	50.0	52		40-97
2-Methylnaphthalene	27.4	50.0	55		46-110
Acenaphthylene	30.4	50.0	61		45-99
Acenaphthene	29.4	50.0	59		42-106
Dibenzofuran	32.3	50.0	65		49-103
Fluorene	32.8	50.0	66		54-97
Pentachlorophenol	33.6	50.0	67		35-120
Phenanthrene	28.4	50.0	57		49-110
Anthracene	29.5	50.0	59		50-104
Carbazole	29.4	50.0	59		48-118
Fluoranthene	28.2	50.0	56		48-110
Pyrene	30.1	50.0	60		35-110
Benz(a)anthracene	30.6	50.0	61		42-114
Chrysene	26.4	50.0	53		50-113
Benzo(b)fluoranthene	21.7	50.0	43	*	56-110
Benzo(k)fluoranthene	32.1	50.0	64		48-110
Benzo(a)pyrene	23.6	50.0	47		46-110
Indeno(1,2,3-cd)pyrene	30.2	50.0	60		54-115
Dibenz(a,h)anthracene	29.3	50.0	59		51-125
Benzo(g,h,i)perylene	30.4	50.0	61		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.

Form 3C - Organic

SuperSet Reference: RR27609

Printed: 03/14/2009 13:19:22
p:\Stealth\Crystal.rpt\Form3LCS.rpt

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Extracted: 03/05/2009
Date Analyzed: 03/12/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900781

Extraction Method: EPA 3510C
Analysis Method: 8270C

Analyte Name	Lab Control Sample JWG0900781-3 Lab Control Spike			Duplicate Lab Control Sample JWG0900781-2 Duplicate Lab Control Spike			%Rec Limits	RPD	RPD Limit
	Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	14.0	50.0	28	14.1	50.0	28	12-54	1	30
2-Methylphenol	30.2	50.0	60	31.1	50.0	62	21-100	3	30
4-Methylphenol	59.0	75.0	79	60.3	75.0	80	15-95	2	30
2,4-Dimethylphenol	33.6	50.0	67	35.1	50.0	70	38-110	4	30
Naphthalene	35.8	50.0	72	36.9	50.0	74	40-97	3	30
2-Methylnaphthalene	41.2	50.0	82	42.5	50.0	85	46-110	3	30
Acenaphthylene	37.1	50.0	74	38.8	50.0	78	45-99	5	30
Acenaphthene	39.4	50.0	79	41.2	50.0	82	42-106	4	30
Dibenzofuran	41.4	50.0	83	43.0	50.0	86	49-103	4	30
Fluorene	41.4	50.0	83	43.0	50.0	86	54-97	4	30
Pentachlorophenol	46.9	50.0	94	47.9	50.0	96	35-120	2	30
Phenanthrene	41.6	50.0	83	41.6	50.0	83	49-110	0	30
Anthracene	42.1	50.0	84	42.7	50.0	85	50-104	1	30
Carbazole	42.9	50.0	86	42.8	50.0	86	48-118	0	30
Fluoranthene	45.8	50.0	92	45.7	50.0	91	48-110	0	30
Pyrene	42.7	50.0	85	43.6	50.0	87	35-110	2	30
Benz(a)anthracene	43.3	50.0	87	45.7	50.0	91	42-114	5	30
Chrysene	41.3	50.0	83	44.7	50.0	89	50-113	8	30
Benzo(b)fluoranthene	43.1	50.0	86	49.4	50.0	99	56-110	14	30
Benzo(k)fluoranthene	47.2	50.0	94	42.8	50.0	86	48-110	10	30
Benzo(a)pyrene	38.6	50.0	77	37.6	50.0	75	46-110	3	30
Indeno(1,2,3-cd)pyrene	49.2	50.0	98	49.8	50.0	100	54-115	1	30
Dibenz(a,h)anthracene	51.2	50.0	102	51.5	50.0	103	51-125	0	30
Benzo(g,h,i)perylene	48.1	50.0	96	49.2	50.0	98	53-116	2	30

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: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 03/03/2009
Time Analyzed: 18:41

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900671-4

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C03\0303-20.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900671

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
FW-6-022309DMS	JWG0900671-1	J:\MS01\DATA\MS019C03\0303-29.D	03/03/09	23:03
Lab Control Sample	JWG0900671-2	J:\MS01\DATA\MS019C03\0303-21.D	03/03/09	19:10
FB-01-022309	J0900905-003	J:\MS01\DATA\MS019C03\0303-24.D	03/03/09	20:38
EB-01-022309	J0900905-004	J:\MS01\DATA\MS019C03\0303-25.D	03/03/09	21:07
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C03\0303-26.D	03/03/09	21:36
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C03\0303-27.D	03/03/09	22:05
FW-6-022309MS	JWG0900671-3	J:\MS01\DATA\MS019C03\0303-28.D	03/03/09	22:34
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C04\0304-12.D	03/04/09	17:57
FW-3-022309	J0900905-006	J:\MS01\DATA\MS019C04\0304-13.D	03/04/09	18:27

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900905
Project:	Beazer/Gainesville/OM045009-091	**Date Extracted:**	03/05/2009
Sample Matrix:	Water	**Date Analyzed:**	03/12/2009
		Time Analyzed:	04:37

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS019C11\0311-31.D
Lab Code:	JWG0900781-1	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900781

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900781-3	J:\MS01\DATA\MS019C11\0311-32.D	03/12/09	05:17
Duplicate Lab Control Sample	JWG0900781-2	J:\MS01\DATA\MS019C11\0311-33.D	03/12/09	05:57
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C13\0313-04.D	03/13/09	17:06

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905
Date Extracted: 02/25/2009
Date Analyzed: 03/03/2009
Time Analyzed: 19:10

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

File ID: J:\MS01\DATA\MS019C03\0303-21.D
Instrument ID: MS01.i

Sample Name: Lab Control Sample
Lab Code: JWG0900671-2

Level: Low
Extraction Lot: JWG0900671

Extraction Method: EPA 3510C
Analysis Method: 8270C

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900671-4	J:\MS01\DATA\MS019C03\0303-20.D	03/03/09	18:41
FB-01-022309	J0900905-003	J:\MS01\DATA\MS019C03\0303-24.D	03/03/09	20:38
EB-01-022309	J0900905-004	J:\MS01\DATA\MS019C03\0303-25.D	03/03/09	21:07
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C03\0303-26.D	03/03/09	21:36
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C03\0303-27.D	03/03/09	22:05
FW-6-022309MS	JWG0900671-3	J:\MS01\DATA\MS019C03\0303-28.D	03/03/09	22:34
FW-6-022309DMS	JWG0900671-1	J:\MS01\DATA\MS019C03\0303-29.D	03/03/09	23:03
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C04\0304-12.D	03/04/09	17:57
FW-3-022309	J0900905-006	J:\MS01\DATA\MS019C04\0304-13.D	03/04/09	18:27

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

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

	Lab Control Sample	Duplicate Lab Control Sample
Sample Name:	Lab Control Sample	Duplicate Lab Control Sample
Lab Code:	JWG0900781-3	JWG0900781-2
File ID:	J:\MS01\DATA\MS019C11\0311-32.D	J:\MS01\DATA\MS019C11\0311-33.D
Instrument ID:	MS01.i	MS01.i
Date Extracted:	03/05/2009	03/05/2009
Date Analyzed:	03/12/2009	03/12/2009
Time Analyzed:	05:17	05:57

Level: Low
Extraction Lot: JWG0900781

Extraction Method: EPA 3510C
Analysis Method: 8270C

These Lab Control Samples apply to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900781-1	J:\MS01\DATA\MS019C11\0311-31.D	03/12/09	04:37
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C13\0313-04.D	03/13/09	17:06

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/03/2009
Time Analyzed: 16:24

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900747

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\0303-15B.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	36.8	27010	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	31.3	22985	PASS
70	69	0	2	0.3	76	PASS
127	198	40	60	42.3	31022	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	73384	PASS
199	198	5	9	6.6	4858	PASS
275	198	10	30	21.5	15777	PASS
365	198	1	100	2.9	2104	PASS
441	443	0	100	89.7	6518	PASS
442	198	40	200	53.5	39262	PASS
443	442	17	23	18.5	7264	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900747-2	J:\MS01\DATA\MS019C03\0303-16.	03/03/2009	16:41	
Method Blank	JWG0900671-4	J:\MS01\DATA\MS019C03\0303-20.	03/03/2009	18:41	
Lab Control Sample	JWG0900671-2	J:\MS01\DATA\MS019C03\0303-21.	03/03/2009	19:10	
FB-01-022309	J0900905-003	J:\MS01\DATA\MS019C03\0303-24.	03/03/2009	20:38	
EB-01-022309	J0900905-004	J:\MS01\DATA\MS019C03\0303-25.	03/03/2009	21:07	
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C03\0303-26.	03/03/2009	21:36	
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C03\0303-27.	03/03/2009	22:05	
FW-6-022309MS	JWG0900671-3	J:\MS01\DATA\MS019C03\0303-28.	03/03/2009	22:34	
FW-6-022309DMS	JWG0900671-1	J:\MS01\DATA\MS019C03\0303-29.	03/03/2009	23:03	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/04/2009
Time Analyzed: 12:55

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900761

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-02B.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	40.6	84720	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	32.2	67176	PASS
70	69	0	2	0.9	572	PASS
127	198	40	60	42.2	88072	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	208832	PASS
199	198	5	9	6.7	13999	PASS
275	198	10	30	19.6	40992	PASS
365	198	1	100	2.3	4720	PASS
441	443	0	100	84.9	12354	PASS
442	198	40	200	40.1	83736	PASS
443	442	17	23	17.4	14550	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900761-2	J:\MS01\DATA\MS019C04\0304-03B	03/04/2009	13:12	
FW-6-022309	J0900905-007	J:\MS01\DATA\MS019C04\0304-12.	03/04/2009	17:57	
FW-3-022309	J0900905-006	J:\MS01\DATA\MS019C04\0304-13.	03/04/2009	18:27	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/11/2009
Time Analyzed: 19:26

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900853

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\0311-17.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	53.0	95264	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	49.8	89472	PASS
70	69	0	2	0.5	439	PASS
127	198	40	60	43.8	78760	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	179648	PASS
199	198	5	9	6.9	12363	PASS
275	198	10	30	20.4	36664	PASS
365	198	1	100	2.6	4705	PASS
441	443	0	100	92.3	20328	PASS
442	198	40	200	62.2	111792	PASS
443	442	17	23	19.7	22016	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900853-2	J:\MS01\DATA\MS019C11\0311-18.	03/11/2009	19:44	
Method Blank	JWG0900781-1	J:\MS01\DATA\MS019C11\0311-31.	03/12/2009	04:37	
Lab Control Sample	JWG0900781-3	J:\MS01\DATA\MS019C11\0311-32.	03/12/2009	05:17	
Duplicate Lab Control Sample	JWG0900781-2	J:\MS01\DATA\MS019C11\0311-33.	03/12/2009	05:57	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/13/2009
Time Analyzed: 16:09

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900877

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C13\0313-02.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	55.1	85464	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	50.9	78859	PASS
70	69	0	2	1.2	950	PASS
127	198	40	60	40.1	62120	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	155048	PASS
199	198	5	9	6.4	9902	PASS
275	198	10	30	21.1	32696	PASS
365	198	1	100	2.3	3556	PASS
441	443	0	100	86.7	15113	PASS
442	198	40	200	56.7	87876	PASS
443	442	17	23	19.8	17424	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900877-2	J:\MS01\DATA\MS019C13\0313-03.	03/13/2009	16:26	
FW-99A-022309	J0900905-005	J:\MS01\DATA\MS019C13\0313-04.	03/13/2009	17:06	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.46	B	10	1.46	C	20	1.50	D	50	1.88	E	100	2.37
	F	200	2.08												
2-Methylphenol	A	5.0	1.23	B	10	1.15	C	20	1.16	D	50	1.31	E	100	1.52
	F	200	1.30												
4-Methylphenol	A	5.0	1.51	B	10	1.47	C	20	1.48	D	50	1.68	E	100	1.94
	F	200	1.70												
2,4-Dimethylphenol	A	5.0	0.349	B	10	0.336	C	20	0.352	D	50	0.412	E	100	0.407
	F	200	0.380												
Naphthalene	A	5.0	1.10	B	10	1.08	C	20	1.15	D	50	1.31	E	100	1.29
	F	200	1.03												
2-Methylnaphthalene	A	5.0	0.673	B	10	0.659	C	20	0.683	D	50	0.801	E	100	0.817
	F	200	0.794												
Acenaphthylene	A	5.0	1.76	B	10	1.76	C	20	1.86	D	50	2.25	E	100	2.18
	F	200	1.89												
‡ Acenaphthene	A	5.0	1.02	B	10	0.988	C	20	1.06	D	50	1.28	E	100	1.10
	F	200	0.992												
Dibenzofuran	A	5.0	1.58	B	10	1.51	C	20	1.60	D	50	1.87	E	100	1.71
	F	200	1.46												
Fluorene	A	5.0	1.29	B	10	1.28	C	20	1.36	D	50	1.55	E	100	1.4
	F	200	1.07												
‡ Pentachlorophenol	A	5.0	0.109	B	10	0.105	C	20	0.113	D	50	0.143	E	100	0.1
	F	200	0.163												
Phenanthrene	A	5.0	1.14	B	10	1.12	C	20	1.18	D	50	1.80	E	100	1.
	F	200	1.30												
Anthracene	A	5.0	1.12	B	10	1.11	C	20	1.21	D	50	1.54	E	100	1
	F	200	1.15												
Carbazole	A	5.0	1.10	B	10	1.05	C	20	1.10	D	50	1.39	E	100	1
	F	200	1.26												

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	1.09	B	10	1.07	C	20	1.11	D	50	1.57	E	100	1.74
	F	200	1.38												
Pyrene	A	5.0	1.26	B	10	1.25	C	20	1.27	D	50	1.53	E	100	1.57
	F	200	1.41												
Benz(a)anthracene	A	5.0	1.04	B	10	1.04	C	20	1.13	D	50	1.59	E	100	1.39
	F	200	1.20												
Chrysene	A	5.0	0.993	B	10	0.983	C	20	1.04	D	50	1.29	E	100	1.39
	F	200	1.24												
Benzo(b)fluoranthene	A	5.0	0.875	B	10	0.920	C	20	1.14	D	50	1.40	E	100	2.07
	F	200	2.53												
Benzo(k)fluoranthene	A	5.0	1.38	B	10	1.31	C	20	1.28	D	50	1.88	E	100	1.92
‡ Benzo(a)pyrene	A	5.0	0.860	B	10	0.879	C	20	1.01	D	50	1.29	E	100	1.44
	F	200	1.46												
Indeno(1,2,3-cd)pyrene	A	5.0	0.992	B	10	1.00	C	20	1.12	D	50	1.38	E	100	1.55
	F	200	1.57												
Dibenz(a,h)anthracene	A	5.0	0.841	B	10	0.855	C	20	0.956	D	50	1.23	E	100	1.44
	F	200	1.42												
Benzo(g,h,i)perylene	A	5.0	0.875	B	10	0.860	C	20	0.924	D	50	1.08	E	100	1.13
	F	200	1.15												
2-Fluorophenol	A	5.0	1.44	B	10	1.38	C	20	1.39	D	50	1.56	E	100	1.75
	F	200	1.78												
Phenol-d6	A	5.0	1.67	B	10	1.60	C	20	1.66	D	50	1.99	E	100	2.3
	F	200	2.12												
Nitrobenzene-d5	A	5.0	0.275	B	10	0.266	C	20	0.290	D	50	0.359	E	100	0.4
	F	200	0.421												
2-Fluorobiphenyl	A	5.0	1.14	B	10	1.16	C	20	1.21	D	50	1.49	E	100	1.
	F	200	1.45												
2,4,6-Tribromophenol	A	5.0	0.0747	B	10	0.0759	C	20	0.0769	D	50	0.0895	E	100	0.0
	F	200	0.100												
Terphenyl-d14	A	5.0	0.672	B	10	0.654	C	20	0.694	D	50	0.848	E	100	0
	F	200	0.909												

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	21.4		≤ 30	1.79		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.6		≤ 30	1.28		0.01
4-Methylphenol	MS	AverageRF	% RSD	11.2		≤ 30	1.63		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	8.6		≤ 30	0.373		0.01
Naphthalene	MS	AverageRF	% RSD	9.7		≤ 30	1.16		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	9.9		≤ 30	0.738		0.01
Acenaphthylene	MS	AverageRF	% RSD	10.9		≤ 30	1.95		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	10.2		≤ 30	1.07		0.01
Dibenzofuran	MS	AverageRF	% RSD	9.1		≤ 30	1.62		0.01
Fluorene	MS	AverageRF	% RSD	12.7		≤ 30	1.34		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	19.0		≤ 30	0.131		0.01
Phenanthrene	MS	AverageRF	% RSD	20.2		≤ 30	1.35		0.01
Anthracene	MS	AverageRF	% RSD	16.3		≤ 30	1.28		0.01
Carbazole	MS	AverageRF	% RSD	13.4		≤ 30	1.22		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	21.5		≤ 30	1.32		0.01
Pyrene	MS	AverageRF	% RSD	10.5		≤ 30	1.38		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	17.8		≤ 30	1.23		0.01
Chrysene	MS	AverageRF	% RSD	15.1		≤ 30	1.16		0.01
Benzo(b)fluoranthene	MS	Quadratic	COD	0.999		≥ 0.990	1.49		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	20.4		≤ 30	1.55		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	23.6		≤ 30	1.16		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	20.9		≤ 30	1.27		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	24.6		≤ 30	1.12		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	13.2		≤ 30	1.00		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	11.4		≤ 30	1.55		0.01
Phenol-d6	SURR	AverageRF	% RSD	15.7		≤ 30	1.90		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	21.9		≤ 30	0.341		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	12.7		≤ 30	1.32		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	12.1		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	16.9		≤ 30	0.790		0.01

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/03/2009
Date Analyzed: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Units: ug/mL

ICAL Type: Internal Standard
Analysis Method: 8270C

Column ID: HP-5MS

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\0303-12.D

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	1.79	1.68	-6	NA	± 30 %	AverageRF
2-Methylphenol	50	48	1.28	1.22	-4	NA	± 30 %	AverageRF
4-Methylphenol	50	49	1.63	1.59	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	48	0.373	0.358	-4	NA	± 30 %	AverageRF
Naphthalene	50	47	1.16	1.10	-6	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	47	0.738	0.700	-5	NA	± 30 %	AverageRF
Acenaphthylene	50	48	1.95	1.86	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.07	1.09	1	NA	± 30 %	AverageRF
Dibenzofuran	50	51	1.62	1.64	1	NA	± 30 %	AverageRF
Fluorene	50	48	1.34	1.29	-3	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	56	1.35	1.51	12	NA	± 30 %	AverageRF
Anthracene	50	47	1.28	1.21	-5	NA	± 30 %	AverageRF
Carbazole	50	47	1.22	1.15	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	47	1.38	1.30	-6	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.23	1.26	2	NA	± 30 %	AverageRF
Chrysene	50	45	1.16	1.03	-11	NA	± 30 %	Quadratic
Benzo(b)fluoranthene	50	36	1.49	1.26	-28	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	49	1.55	1.53	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.16	1.13	-3	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	48	1.27	1.22	-4	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	1.12	1.06	-5	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	49	1.00	0.974	-3	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

Form 6B - Organic

SuperSet Reference: RR27609

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.10
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.2
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1
	F	150	1.00												

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.7
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.3
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0
	F	150	0.881												

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evalnation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Units: ug/mL

ICAL Type: Internal Standard
Analysis Method: 8270C

Column ID: HP-5MS

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	Linear
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	AverageRF
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

Form 6B - Organic

SuperSet Reference: RR27609

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/03/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900747
Units: ug/mL
Column ID: HP-5MS

ICAL Type: Internal Standard
Analysis Method: 8270C

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\0303-16.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	53	0.01	1.79	1.91	6	NA	± 20 %	AverageRF
2-Methylphenol	50	53	0.01	1.28	1.34	5	NA	± 30 %	AverageRF
4-Methylphenol	50	54	0.01	1.63	1.77	8	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	54	0.01	0.373	0.406	9	NA	± 30 %	AverageRF
Naphthalene	50	55	0.01	1.16	1.27	9	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	54	0.01	0.738	0.793	7	NA	± 30 %	AverageRF
Acenaphthylene	50	55	0.01	1.95	2.16	11	NA	± 20 %	AverageRF
‡ Acenaphthene	50	57	0.01	1.07	1.23	15	NA	± 30 %	AverageRF
Dibenzofuran	50	59	0.01	1.62	1.92	19	NA	± 30 %	AverageRF
Fluorene	50	58	0.01	1.34	1.54	15	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	55	0.01	0.131	0.144	10	NA	± 20 %	AverageRF
Phenanthrene	50	63	0.01	1.35	1.70	26	NA	± 30 %	AverageRF
Anthracene	50	58	0.01	1.28	1.47	15	NA	± 30 %	AverageRF
Carbazole	50	56	0.01	1.22	1.37	12	NA	± 30 %	AverageRF
‡ Fluoranthene	50	56	0.01	1.32	1.47	11	NA	± 20 %	AverageRF
Pyrene	50	57	0.01	1.38	1.58	14	NA	± 30 %	AverageRF
Benz(a)anthracene	50	63	0.01	1.23	1.56	26	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	1.16	1.20	4	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	45	0.01	1.49	1.60	NA	-10	± 30 %	Quadratic
Benzo(k)fluoranthene	50	50	0.01	1.55	1.56	0	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	56	0.01	1.16	1.29	11	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	55	0.01	1.27	1.40	10	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	55	0.01	1.12	1.24	10	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	54	0.01	1.00	1.09	8	NA	± 30 %	AverageRF
2-Fluorophenol	50	51	0.01	1.55	1.58	2	NA	± 30 %	AverageRF
Phenol-d6	50	54	0.01	1.90	2.05	8	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	55	0.01	0.341	0.376	11	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	56	0.01	1.32	1.47	11	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	51	0.01	0.0843	0.0863	2	NA	± 30 %	AverageRF
Terphenyl-d14	50	55	0.01	0.790	0.873	10	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/04/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900761
Units: ug/mL
Column ID: HP-5MS

ICAL Type: Internal Standard
Analysis Method: 8270C

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-03B.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	49	0.01	1.79	1.74	-3	NA	± 20 %	AverageRF
2-Methylphenol	50	49	0.01	1.28	1.25	-2	NA	± 30 %	AverageRF
4-Methylphenol	50	50	0.01	1.63	1.62	-1	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.01	0.373	0.368	-1	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	1.16	1.18	2	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	49	0.01	0.738	0.725	-2	NA	± 30 %	AverageRF
Acenaphthylene	50	49	0.01	1.95	1.92	-2	NA	± 20 %	AverageRF
‡ Acenaphthene	50	51	0.01	1.07	1.09	2	NA	± 30 %	AverageRF
Dibenzofuran	50	52	0.01	1.62	1.69	5	NA	± 30 %	AverageRF
Fluorene	50	51	0.01	1.34	1.36	2	NA	± 20 %	AverageRF
‡ Pentachlorophenol	50	46	0.01	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	55	0.01	1.35	1.48	10	NA	± 30 %	AverageRF
Anthracene	50	50	0.01	1.28	1.29	1	NA	± 30 %	AverageRF
Carbazole	50	49	0.01	1.22	1.19	-3	NA	± 20 %	AverageRF
‡ Fluoranthene	50	48	0.01	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	51	0.01	1.38	1.42	3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	56	0.01	1.23	1.39	13	NA	± 30 %	AverageRF
Chrysene	50	49	0.01	1.16	1.14	-2	NA	± 30 %	Quadratic
Benzo(b)fluoranthene	50	38	0.01	1.49	1.32	NA	-24	± 30 %	AverageRF
Benzo(k)fluoranthene	50	49	0.01	1.55	1.54	-1	NA	± 20 %	AverageRF
‡ Benzo(a)pyrene	50	49	0.01	1.16	1.13	-2	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	47	0.01	1.27	1.21	-5	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	0.01	1.12	1.05	-7	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	48	0.01	1.00	0.966	-4	NA	± 30 %	AverageRF
2-Fluorophenol	50	46	0.01	1.55	1.42	-9	NA	± 30 %	AverageRF
Phenol-d6	50	49	0.01	1.90	1.87	-1	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	50	0.01	0.341	0.339	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	50	0.01	1.32	1.31	-1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	47	0.01	0.0843	0.0800	-5	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.790	0.787	0	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/11/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900853
Units: ug/mL
Column ID: HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\0311-18.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	49	0.01	1.71	1.67	-2	NA	± 20 %	AverageRF
2-Methylphenol	50	48	0.01	0.930	0.900	-3	NA	± 30 %	AverageRF
4-Methylphenol	50	48	0.01	1.23	1.19	-3	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.01	0.253	0.245	-3	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	0.920	0.947	3	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	50	0.01	0.593	0.594	0	NA	± 30 %	AverageRF
Acenaphthylene	50	50	0.01	1.67	1.69	1	NA	± 30 %	AverageRF
‡ Acenaphthene	50	52	0.01	0.948	0.979	3	NA	± 20 %	AverageRF
Dibenzofuran	50	52	0.01	1.51	1.59	5	NA	± 30 %	AverageRF
Fluorene	50	53	0.01	1.23	1.30	6	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	54	0.01	0.0921	0.115	NA	7	± 20 %	Linear
Phenanthrene	50	50	0.01	1.13	1.14	1	NA	± 30 %	AverageRF
Anthracene	50	51	0.01	1.07	1.09	2	NA	± 30 %	AverageRF
Carbazole	50	50	0.01	0.952	0.960	1	NA	± 30 %	AverageRF
‡ Fluoranthene	50	53	0.01	0.949	1.01	6	NA	± 20 %	AverageRF
Pyrene	50	49	0.01	1.41	1.37	-3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	53	0.01	0.996	1.05	5	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	0.973	1.02	5	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	54	0.01	1.09	1.18	9	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	49	0.01	1.23	1.20	-2	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	57	0.01	0.896	1.02	14	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	58	0.01	0.974	1.14	17	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	59	0.01	0.811	0.956	18	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	58	0.01	0.815	0.941	15	NA	± 30 %	AverageRF
2-Fluorophenol	50	52	0.01	1.07	1.11	3	NA	± 30 %	AverageRF
Phenol-d6	50	48	0.01	1.51	1.46	-3	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	54	0.01	0.349	0.375	7	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	52	0.01	1.34	1.39	4	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	55	0.01	0.0843	0.0924	10	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.756	0.756	0	NA	± 30 %	AverageRF

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Analyzed: 03/13/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900877
Units: ug/mL
Column ID: HP-5MS

ICAL Type: Internal Standard
Analysis Method: 8270C

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C13\0313-03.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	19	0.01	1.71	1.62	-5	NA	± 20 %	AverageRF
2-Methylphenol	20	19	0.01	0.930	0.878	-6	NA	± 30 %	AverageRF
4-Methylphenol	20	18	0.01	1.23	1.11	-10	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.241	-5	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.899	-2	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.557	-6	NA	± 30 %	AverageRF
Acenaphthylene	20	19	0.01	1.67	1.59	-5	NA	± 20 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.943	-1	NA	± 30 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.58	4	NA	± 30 %	AverageRF
Fluorene	20	21	0.01	1.23	1.30	6	NA	± 20 %	Linear
‡ Pentachlorophenol	20	22	0.01	0.0921	0.107	NA	12	± 30 %	AverageRF
Phenanthrene	20	21	0.01	1.13	1.16	3	NA	± 30 %	AverageRF
Anthracene	20	19	0.01	1.07	1.04	-3	NA	± 30 %	AverageRF
Carbazole	20	19	0.01	0.952	0.898	-6	NA	± 20 %	AverageRF
‡ Fluoranthene	20	19	0.01	0.949	0.912	-4	NA	± 30 %	AverageRF
Pyrene	20	18	0.01	1.41	1.28	-9	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	0.981	-1	NA	± 30 %	AverageRF
Chrysene	20	20	0.01	0.973	0.973	0	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	21	0.01	1.09	1.13	4	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	18	0.01	1.23	1.13	-8	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	22	0.01	0.896	0.971	8	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	20	0.01	0.974	0.992	2	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	21	0.01	0.811	0.840	4	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.799	-2	NA	± 30 %	AverageRF
2-Fluorophenol	20	19	0.01	1.07	1.03	-4	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.44	-5	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	20	0.01	0.349	0.356	2	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	21	0.01	1.34	1.38	3	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0886	5	NA	± 30 %	AverageRF
Terphenyl-d14	20	20	0.01	0.756	0.740	-2	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Lot: JWG0900747
Instrument ID: MS01.i
Column: HP-5MS

Analysis Method: 8270C

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0303-29.D	FW-6-022309DMS	JWG0900671-1	3/3/2009	23:03		3/3/2009	23:03
\0303-31.D	ZZZZZZ	ZZZZZZ	3/3/2009	23:32		3/3/2009	23:32
0303-15B.D	GC/MS Tuning - Generic	JWG0900747-1	3/3/2009	16:24		3/3/2009	16:24
\0303-16.D	Continuing Calibration Verification	JWG0900747-2	3/3/2009	16:41		3/3/2009	16:41
\0303-17.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:12		3/3/2009	17:12
\0303-18.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:42		3/3/2009	17:42
\0303-19.D	ZZZZZZ	ZZZZZZ	3/3/2009	18:11		3/3/2009	18:11
\0303-20.D	Method Blank	JWG0900671-4	3/3/2009	18:41		3/3/2009	18:41
\0303-21.D	Lab Control Sample	JWG0900671-2	3/3/2009	19:10		3/3/2009	19:10
\0303-22.D	ZZZZZZ	ZZZZZZ	3/3/2009	19:40		3/3/2009	19:40
\0303-23.D	ZZZZZZ	ZZZZZZ	3/3/2009	20:09		3/3/2009	20:09
\0303-24.D	FB-01-022309	J0900905-003	3/3/2009	20:38		3/3/2009	20:38
\0303-25.D	EB-01-022309	J0900905-004	3/3/2009	21:07		3/3/2009	21:07
\0303-26.D	FW-99A-022309	J0900905-005	3/3/2009	21:36		3/3/2009	21:36
\0303-27.D	FW-6-022309	J0900905-007	3/3/2009	22:05		3/3/2009	22:05
\0303-28.D	FW-6-022309MS	JWG0900671-3	3/3/2009	22:34		3/3/2009	22:34
\0303-32.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:01		3/4/2009	00:01
\0303-33.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:30		3/4/2009	00:30
\0303-34.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:58		3/4/2009	00:58
\0303-35.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:27		3/4/2009	01:27
\0303-36.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:56		3/4/2009	01:56
\0303-37.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:25		3/4/2009	02:25
\0303-38.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:54		3/4/2009	02:54
\0303-39.D	ZZZZZZ	ZZZZZZ	3/4/2009	03:51		3/4/2009	03:5
\0303-40.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:20		3/4/2009	04:2
\0303-41.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:49		3/4/2009	04:4
\0303-42.D	ZZZZZZ	ZZZZZZ	3/4/2009	05:18		3/4/2009	05:1
\0303-43.D	ZZZZZZ	ZZZZZZ	3/4/2009	05:46		3/4/2009	05:4
\0303-44.D	ZZZZZZ	ZZZZZZ	3/4/2009	06:15		3/4/2009	06:
\0303-45.D	ZZZZZZ	ZZZZZZ	3/4/2009	06:44		3/4/2009	06:
\0303-46.D	ZZZZZZ	ZZZZZZ	3/4/2009	07:13		3/4/2009	07:
\0303-47.D	ZZZZZZ	ZZZZZZ	3/4/2009	07:42		3/4/2009	07

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900761
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0304-02B.D	GC/MS Tuning - Generic	JWG0900761-1	3/4/2009	12:55		3/4/2009	12:55
0304-03B.D	Continuing Calibration Verification	JWG0900761-2	3/4/2009	13:12		3/4/2009	13:12
\0304-04.D	ZZZZZZ	ZZZZZZ	3/4/2009	13:56		3/4/2009	13:56
\0304-05.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:26		3/4/2009	14:26
\0304-06.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:56		3/4/2009	14:56
\0304-07.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:26		3/4/2009	15:26
\0304-08.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:56		3/4/2009	15:56
\0304-09.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:27		3/4/2009	16:27
\0304-10.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:57		3/4/2009	16:57
\0304-11.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:27		3/4/2009	17:27
\0304-12.D	FW-6-022309	J0900905-007	3/4/2009	17:57		3/4/2009	17:57
\0304-13.D	FW-3-022309	J0900905-006	3/4/2009	18:27		3/4/2009	18:27
\0304-14.D	ZZZZZZ	ZZZZZZ	3/4/2009	18:56		3/4/2009	18:56
\0304-15.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:26		3/4/2009	19:26
\0304-16.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:56		3/4/2009	19:56
\0304-17.D	ZZZZZZ	ZZZZZZ	3/4/2009	20:25		3/4/2009	20:25
\0304-18.D	ZZZZZZ	ZZZZZZ	3/4/2009	20:55		3/4/2009	20:55
\0304-19.D	ZZZZZZ	ZZZZZZ	3/4/2009	21:24		3/4/2009	21:24
\0304-20.D	ZZZZZZ	ZZZZZZ	3/4/2009	21:54		3/4/2009	21:54
\0304-21.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:23		3/4/2009	22:23
\0304-22.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:52		3/4/2009	22:52
\0304-23.D	ZZZZZZ	ZZZZZZ	3/4/2009	23:21		3/4/2009	23:21
\0304-24.D	ZZZZZZ	ZZZZZZ	3/4/2009	23:51		3/4/2009	23:51
\0304-25.D	ZZZZZZ	ZZZZZZ	3/5/2009	00:20		3/5/2009	00:20

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Lot: JWG0900853
Instrument ID: MS01.i
Column: HP-5MS

Analysis Method: 8270C

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0311-17.D	GC/MS Tuning - Generic	JWG0900853-1	3/11/2009	19:26		3/11/2009	19:26
\0311-18.D	Continuing Calibration Verification	JWG0900853-2	3/11/2009	19:44		3/11/2009	19:44
\0311-19.D	ZZZZZZ	ZZZZZZ	3/11/2009	20:26		3/11/2009	20:26
\0311-20.D	ZZZZZZ	ZZZZZZ	3/11/2009	21:08		3/11/2009	21:08
\0311-21.D	ZZZZZZ	ZZZZZZ	3/11/2009	21:49		3/11/2009	21:49
\0311-22.D	ZZZZZZ	ZZZZZZ	3/11/2009	22:29		3/11/2009	22:29
\0311-23.D	ZZZZZZ	ZZZZZZ	3/11/2009	23:10		3/11/2009	23:10
\0311-24.D	ZZZZZZ	ZZZZZZ	3/11/2009	23:51		3/11/2009	23:51
\0311-25.D	ZZZZZZ	ZZZZZZ	3/12/2009	00:32		3/12/2009	00:32
\0311-26.D	ZZZZZZ	ZZZZZZ	3/12/2009	01:13		3/12/2009	01:13
\0311-27.D	ZZZZZZ	ZZZZZZ	3/12/2009	01:54		3/12/2009	01:54
\0311-28.D	ZZZZZZ	ZZZZZZ	3/12/2009	02:35		3/12/2009	02:35
\0311-29.D	ZZZZZZ	ZZZZZZ	3/12/2009	03:16		3/12/2009	03:16
\0311-30.D	ZZZZZZ	ZZZZZZ	3/12/2009	03:56		3/12/2009	03:56
\0311-31.D	Method Blank	JWG0900781-1	3/12/2009	04:37		3/12/2009	04:37
\0311-32.D	Lab Control Sample	JWG0900781-3	3/12/2009	05:17		3/12/2009	05:17
\0311-33.D	Duplicate Lab Control Sample	JWG0900781-2	3/12/2009	05:57		3/12/2009	05:57
\0311-34.D	ZZZZZZ	ZZZZZZ	3/12/2009	06:38		3/12/2009	06:38
\0311-35.D	ZZZZZZ	ZZZZZZ	3/12/2009	07:18		3/12/2009	07:18
\0311-39.D	ZZZZZZ	ZZZZZZ	3/12/2009	09:20		3/12/2009	09:20
\0311-40.D	ZZZZZZ	ZZZZZZ	3/12/2009	09:59		3/12/2009	09:59
\0311-41.D	ZZZZZZ	ZZZZZZ	3/12/2009	10:37		3/12/2009	10:37
\0311-42.D	ZZZZZZ	ZZZZZZ	3/12/2009	11:15		3/12/2009	11:15
\0311-43.D	ZZZZZZ	ZZZZZZ	3/12/2009	11:54		3/12/2009	11:54
\0311-44.D	ZZZZZZ	ZZZZZZ	3/12/2009	12:33		3/12/2009	12:33
\0311-45.D	ZZZZZZ	ZZZZZZ	3/12/2009	13:12		3/12/2009	13:1
\0311-46.D	ZZZZZZ	ZZZZZZ	3/12/2009	13:50		3/12/2009	13:5
\0311-47.D	ZZZZZZ	ZZZZZZ	3/12/2009	14:29		3/12/2009	14:2
\0311-48.D	ZZZZZZ	ZZZZZZ	3/12/2009	15:08		3/12/2009	15:0
\0311-49.D	ZZZZZZ	ZZZZZZ	3/12/2009	15:46		3/12/2009	15:4
\0311-50.D	ZZZZZZ	ZZZZZZ	3/12/2009	16:25		3/12/2009	16:
\0311-51.D	ZZZZZZ	ZZZZZZ	3/12/2009	17:04		3/12/2009	17:
\0311-52.D	ZZZZZZ	ZZZZZZ	3/12/2009	17:42		3/12/2009	17:
\0311-53.D	ZZZZZZ	ZZZZZZ	3/12/2009	18:20		3/12/2009	18
\0311-54.D	ZZZZZZ	ZZZZZZ	3/12/2009	18:58		3/12/2009	18

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900853
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0311-55.D	ZZZZZZ	ZZZZZZ	3/12/2009	19:37		3/12/2009	19:37

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Printed: 03/14/2009 13:21:23
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Form 8 - Organic

SuperSet Reference: RR27609

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Lot: JWG0900877
Instrument ID: MS01.i
Column: HP-5MS

Analysis Method: 8270C

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0313-02.D	GC/MS Tuning - Generic	JWG0900877-1	3/13/2009	16:09		3/13/2009	16:09
\0313-03.D	Continuing Calibration Verification	JWG0900877-2	3/13/2009	16:26		3/13/2009	16:26
\0313-04.D	FW-99A-022309	J0900905-005	3/13/2009	17:06		3/13/2009	17:06

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Extracted: 02/25/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Lot: JWG0900671
Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FB-01-022309	J0900905-003	02/23/09	02/24/09	910ml	1.0ml	NA	
EB-01-022309	J0900905-004	02/23/09	02/24/09	930ml	1.0ml	NA	
FW-99A-022309	J0900905-005	02/23/09	02/24/09	870ml	1.0ml	NA	
FW-3-022309	J0900905-006	02/23/09	02/24/09	880ml	1.0ml	NA	
FW-6-022309DL	J0900905-007	02/23/09	02/24/09	910ml	1.0ml	NA	
FW-6-022309	J0900905-007	02/23/09	02/24/09	910ml	1.0ml	NA	
Method Blank	JWG0900671-4	NA	NA	900ml	1.0ml	NA	
FW-6-022309DMS	JWG0900671-1	02/23/09	02/24/09	900ml	1.0ml	NA	
FW-6-022309MS	JWG0900671-3	02/23/09	02/24/09	1000ml	1.0ml	NA	
Lab Control Sample	JWG0900671-2	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900905
Date Extracted: 03/05/2009

Client: Beazer East, Inc.
Project: Beazer/Gainesville/OM045009-091
Sample Matrix: Water

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Lot: JWG0900781
Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW-99A-022309RE	J0900905-005	02/23/09	02/24/09	860ml	1.0ml	NA	*
Method Blank	JWG0900781-1	NA	NA	1000ml	1.0ml	NA	
Duplicate Lab Control Sample	JWG0900781-2	NA	NA	1000ml	1.0ml	NA	
Lab Control Sample	JWG0900781-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

SDG No.: J0900905

Client: Beazer East, Inc.

SAS No.:

Project No.: OM045009-091

Lab Code: CAS-JAX

SOW No.:

Sample ID.	Lab Sample No.
Filter Blank-022309	J0900905-002
FB-01-022309	J0900905-003
EB-01-022309	J0900905-004
FW-99A-022309	J0900905-005
FW-3-022309	J0900905-006
FW-6-022309	J0900905-007
FW-6-022309S	J0900905-007S
FW-6-022309SD	J0900905-007SD

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner

Name: Barbara Scribner

Title: Metals Supervisor

Date: 3/20/09

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

Filter Blank-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Lab Sample ID: J0900905-002

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.2	J	J	MS
7440-50-8	Copper	1.6	J	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Lab Sample ID: J0900905-003

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.6	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Lab Sample ID: J0900905-004

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	2.0	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW-99A-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091

SAS No.:

SDG NO.: J0900905

Matrix (soil/water): WATER

Lab Sample ID: J0900905-005

Level (low/med): LOW

Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	30			MS
7440-47-3	Chromium	2.1		U	MS
7440-50-8	Copper	0.9	J	JB	MS
7440-66-6	Zinc	35			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: FW-3-022309

Client: Beazer East, Inc. SDG NO.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Matrix (soil/water): WATER Lab Sample ID: J0900905-006

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	31			MS
7440-47-3	Chromium	3.0		u	MS
7440-50-8	Copper	0.3	U	JB	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: FW-6-022309

Client: Beazer East, Inc. SAS No.: SDG NO.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091 Lab Sample ID: J0900905-007

Matrix (soil/water): WATER Date Received: 2/24/2009

Level (low/med): LOW

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.22	i	J	MS
7440-47-3	Chromium	2.4		U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc. SDG NO.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	47.7	95	25.0	24.4	98	24.3	97	MS
Chromium	20.0	20.3	102	25.0	26.7	107	25.2	101	MS
Copper	25.0	24.9	100	25.0	25.3	101	25.3	101	MS
Zinc	50.0	50.2	100	50.0	49.9	100	48.2	96	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc. SDG NO.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	24.9	100			MS
Chromium				25.0	26.0	104			MS
Copper				25.0	25.5	102			MS
Zinc				50.0	49.3	99			MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc. SAS No.: SDG No.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.272	54		
Chromium				2.000	2.660	133		
Copper				2.000	2.240	112		
Zinc				10.000	10.300	103		

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.200	U	0.200	U	0.200	U	0.200	U	0.20	U	MS
Chromium	0.830	J	0.800	U	0.814	J	0.800	U	1.2	J	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	0.3	U	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4	U	MS

Comments:

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc. SDG NO.: J0900905

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: ICS Source: Inorganic Ventures

ICP ID Number: ICP-MS

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.1	19.4	97			
Chromium	0.0	20.0	1.7	21.4	107			
Copper	0.0	20.0	0.5	21.8	109			
Zinc	0.0	40.0	1.7	40.4	101			

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

EW-6-022309S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	50.30		0.22		50.0	100		MS
Chromium	75 - 125	53.8		2.4		50.0	103		MS
Copper	75 - 125	50.0		0.3	U	50.0	99		MS
Zinc	75 - 125	101.0		4.0	U	100	101		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW-6-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	50.80		0.22		50.0	101		MS
Chromium	75 - 125	53.8		2.4		50.0	103		MS
Copper	75 - 125	49.9		0.3	U	50.0	99		MS
Zinc	75 - 125	101.0		4.0	U	100	101		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.

Client: Beazer East, Inc. | FW-6-022309SD

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		50.30		50.80		1		MS
Chromium		53.8		53.8		0		MS
Copper		50.0		49.9		0		MS
Zinc		101.0		101.0		0		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-7-

LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	49.9	100					
Chromium	50.0	48.2	96					
Copper	50.0	49.4	99					
Zinc	100	99.2	99					

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.000	0.800	MS
Copper	65		2.000	0.300	MS
Zinc	66		10.00	4.00	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-13-

PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900905

Method: MS Prep Method: EPA 3020A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
Filter Blank-022309	2/25/2009	25.0	25.0
FB-01-022309	2/25/2009	25.0	25.0
EB-01-022309	2/25/2009	25.0	25.0
FW-99A-022309	2/25/2009	25.0	25.0
FW-3-022309	2/25/2009	25.0	25.0
FW-6-022309	2/25/2009	25.0	25.0
FW-6-022309S	2/25/2009	25.0	25.0
FW-6-022309SD	2/25/2009	25.0	25.0
LCS2-0225	2/25/2009	25.0	25.0
MB2-0225	2/25/2009	25.0	25.0

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900905

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/5/2009 End Date: 3/6/2009

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
cal blank	1.00	22:30				X					X		X													X	
cal std 1 25 ppb	1.00	22:35				X					X		X													X	
cal std 2 50ppb	1.00	22:39				X					X		X													X	
cal std 3 100ppb	1.00	22:43				X					X		X													X	
ICV	1.00	22:47				X					X		X													X	
ICB	1.00	22:51				X					X		X													X	
MRL	1.00	22:56				X					X		X													X	
ICSA	1.00	23:00				X					X		X													X	
ICSAB	1.00	23:04				X					X		X													X	
CCV1	1.00	23:17				X					X		X													X	
CCB1	1.00	23:21				X					X		X													X	
MB2-0225	1.00	23:25				X					X		X													X	
LCS2-0225	1.00	23:30				X					X		X													X	
CCV2	1.00	00:08				X					X		X													X	
CCB2	1.00	00:12				X					X		X													X	
Filter Blank-02230	1.00	00:16				X					X		X													X	
FB-01-022309	1.00	00:21				X					X		X													X	
EB-01-022309	1.00	00:25				X					X		X													X	
FW-99A-022309	1.00	00:29				X					X		X													X	
FW-3-022309	1.00	00:33				X					X		X													X	
FW-6-022309	1.00	00:38				X					X		X													X	
FW-6-022309S	1.00	00:42				X					X		X													X	
FW-6-022309SD	1.00	00:46				X					X		X													X	
CCV3	1.00	00:55				X					X		X													X	
CCB3	1.00	00:59				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

FTS, LLC

DATE: March 31, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Westbay GW

SAMPLE DELIVERY GROUP (SDG): J0900908

SAMPLES: FW18B-03-022309, FW18B-04-022309, FW18B-02-022309, FW18B-01-022309, FW4C-02-022309, FW4C-03-022309, FW4C-01-0222309, FW99B-022309(FW-4C-01), FW24C-01-022309, FW24C-02-022309, FW14B-1-022309, FW14B-2-022309, FW14B-4-022309, FW14B-3-022309, FW22C-3-022309, FW22C-2-022309, FW22C-1-022309, FW15B-4-022309, FW99A-022309(FW-22C-03), Trip Blank-022309

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved arsenic, chromium, and copper were detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Data qualified using metals blank, MB-01-022309. Details are in SDG J0900930.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The RPD of pentachlorophenol was slightly above the control limits. No action was taken.

□ Laboratory Control Sample
Noncompliances: None

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analytes were detected in the aqueous method blank at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Arsenic, dissolved	0.403 J ug/l	2.015 ug/l
Chromium, dissolved	1.9 J ug/l	9.5 ug/l
Copper, dissolved	1.2 J ug/l	6.0 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-4C-01	QUAL	FW-99B	QUAL	RPD
Naphthalene	1.2	J	0.84	U	NC
ANALYTE	FW-22C-03	QUAL	FW-99A	QUAL	RPD
Bromide	0.4		0.38	J	5.13
Zinc, dissolved	5	J	4	U	NC

NC – not calculated due to nondetect result
* - The RPD is greater than 30%, the associated samples are qualified as estimated, "J," due to laboratory of field sampling imprecision

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 23, 2009 Service Request No: J0900908

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

Laboratory Results for: Gainesville, FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory between February 24, 2009 and February 25, 2009. For your reference, these analyses have been assigned our service request number **J0900908**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

Page 1 of 180

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 780 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900908
Project:	Gainesville, FL	**Date Received:**	2/24-25/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

20 water samples were received for analysis at Columbia Analytical Services on 2/24-25/09. The following discrepancies were noted upon initial sample inspection. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Batch QC Notes and Discussion

Quality control samples for MS/DMS were performed using samples from another sample delivery group (SDG). The frequency requirement for quality control sample analysis was consistent with the project's requirements. Matrix specific quality control results have no bearing on sample data from a different matrix or location. Therefore, control of the batch has been evaluated using the method blank and the laboratory control sample.

No problems were observed with this delivery group.

Semivolatile Organics by GC-MS

Surrogate Exceptions

The control criteria were exceeded for the following surrogates in Method Blank (MB) JWG0900695-1: 2-Fluorophenol and 2,4,6-Tribromophenol. The error associated with reduced recovery equates to a potential low bias. The problem was isolated to the Method Blank. All surrogate recoveries in the field samples were acceptable. No further corrective action was required.

Relative Percent Difference Exceptions

The Relative Percent Difference (RPD) for the following analyte in the replicate matrix spike analyses of sample FW14B-3-022309 was outside control criteria: Pentachlorophenol. All spike recoveries in the MS, DMS, and associated Laboratory Control Sample (LCS) were within acceptance limits, indicating the analytical batch was in control. No further corrective action was appropriate.

Metals by ICP-MS

Elevated Method Reporting Limits

The reporting limit is elevated for Arsenic in samples FW4C-02-022309, FW4C-01-022309, FW14B-4-022309 and FW22C-3-022309. These samples showed a high negative concentration and required dilution due to the matrix.

Approved by Tom D. Hessing **Date** 3/23/09

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Tonia D. Kissinger Date 3/23/09

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900908-001	FW18B-03-022309	2/23/09	07:50
J0900908-002	FW18B-04-022309	2/23/09	08:40
J0900908-003	FW18B-02-022309	2/23/09	09:20
J0900908-004	FW18B-01-022309	2/23/09	10:00
J0900908-005	FW4C-02-022309	2/23/09	11:20
J0900908-006	FW4C-03-022309	2/23/09	12:00
J0900908-007	FW4C-01-022309	2/23/09	14:10
J0900908-008	FW99B-022309	2/23/09	20:00
J0900908-009	FW24C-01-022309	2/23/09	15:50
J0900908-010	FW24C-02-022309	2/23/09	16:30
J0900908-011	FW14B-1-022309	2/23/09	07:45
J0900908-012	FW14B-2-022309	2/23/09	08:50
J0900908-013	FW14B-4-022309	2/23/09	09:35
J0900908-014	FW14B-3-022309	2/23/09	10:20
J0900908-015	FW22C-3-022309	2/23/09	13:30
J0900908-016	FW22C-2-022309	2/23/09	14:25
J0900908-017	FW22C-1-022309	2/23/09	15:05
J0900908-018	FW15B-4-022309	2/23/09	15:55
J0900908-019	FW99A-022309	2/23/09	20:00
J0900908-020	Trip Blank-022309	2/23/09	00:00

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.

Columbia Analytical Services

Chain of Custody Documentation

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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PAGE 1 OF 3

SR # J1900908
CAS Contact

Project Name: Gainesville, FL	Project Number: 0M045009-091
Project Manager: Angie Gatchie	Email Address: ggatchie2006@f-ts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone#: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number a [redacted]

PRESERVATIVE: 1 0 2 0

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	8260B	8270C Dissolved As, Cr, Zn, Cu Bromide			REMARKS/ ALTERNATE DESCRIPTION
FW18B-03-022309		2/23/09	0750	GW	7	3	2	1	1	
FW18B-04-022309		2/23/09	0840	GW	7	3	2	1	1	
FW18B-02-022309		2/23/09	0920	GW	7	3	2	1	1	
FW18B-01-022309		2/23/09	1000	GW	7	3	2	1	1	
FW4C-02-022309		2/23/09	1120	GW	7	3	2	1	1	
FW4C-03-022309		2/23/09	1200	GW	7	3	2	1	1	
FW4C-01-022309		2/23/09	1410	GW	7	3	2	1	1	
FW99B-022309		2/23/09	2000	GW	7	3	2	1	1	
FW24C-01-022309		2/23/09	1550	GW	7	3	2	1	1	
FW24C-02-022309		2/23/09	1630	GW	7	3	2	1	1	

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
✓ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: Matthew Koleman	Signature:	Signature:	Signature:	Signature:
Printed Name: Rory Hancher	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FTS	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 2/23/09 1840	Date/Time: 2-24-09 1242	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

JSCOC-06/20/08

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SR # J 0900908
CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: Angie Gatchie	Email Address: agatchie.2006@f-ts.com
Company/Address: 200 NW 23rd Ave, Gainesville, FL 32609	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number a [redacted]

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS / 8260B / 8270C / Diss. Metals / Br⁻ Bromide

0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX		1	0	2	0
FW-14B-1-022309		2-23-09	0745	GW	7	3	2	1	1
FW-14B-2-022309			0850	GW	7	3	2	1	1
FW-14B-4-022309			0935	GW	7	3	2	1	1
FW-14B-3-022309			1020	GW	7	3	2	1	1
FW-14B-MS/MSD-022309		2-23-09	1020	GW	14	6	4	2	2
FW-22C-3-022309			1330	GW	7	3	2	1	1
FW-22C-2-022309			1425	GW	7	3	2	1	1
FW-22-C-1-022309			1505	GW	7	3	2	1	1
FW-15B-4-022309			1555	GW	7	3	2	1	1
FW-99A-022309		2-23-09	2000	GW	7	3	2	1	1

SPECIAL INSTRUCTIONS/COMMENTS: samples held on ice

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
_X_ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Speicalized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Rory Hanczar	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FTS	Firm:	Firm:	Firm:	Firm:	Firm:
Date/Time: 2/23/09 / 1830	Date/Time: 2-24-09 1242	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

JSCOC-06/20/08

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SR # J0900908
CAS Contact

Project Name: Gainesville, FL	Project Number: 0M045009-091
Project Manager: A. Gatchie	Email Address: agatchie.2006@ft-fs.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Numbe[redacted]

PRESERVATIVE: 1

NUMBER OF CONTAINERS: BTEX 8260B

0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX		
Tripblank-022309		2/23/09	—	DI	3	3

2/23/09 2/23/09 2/23/09

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice 2/23/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name: Matthew Cadwell	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2/23/09 1850	Date/Time: 2-24-09 1342	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # JD900908

Project: Gainesville FL

Cooler received on 2.24.09 and opened on 2.24.09 by GB

COURIER: (CAS) UPS FEDEX DHL CLIENT Tracking #

1	Were custody seals on outside of cooler?	Yes	(No)	N/A
2	Were seals intact, signed and dated? 2.24.09 (Yes)	Yes	No	(N/A)
3	Were custody papers properly filled out? (Yes)	(Yes)	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	1.9°C	2.8°C	1.1°C
5	Correct Temperature?	(Yes)	No	N/A *1.5°C
6	Were Ice or Ice Packs present	(Yes)	No	N/A 2.25.09
7	Did all bottles arrive in good condition (unbroken, etc....)?	(Yes)	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	(Yes)	No	N/A
9	Did all bottle labels and tags agree with custody papers?	Yes	(No)	N/A
10	Were the correct bottles used for the tests indicated?	(Yes)	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	(Yes)	No	N/A

(HNO3 pH<2) H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2

Preservative additions noted below

12	Were all samples received within analysis holding times?	(Yes)	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	(Yes)	No	N/A
14	Where did the bottles originate?	(CAS)	Client	

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

Additional comments and/or explanation of all discrepancies noted above: Client only submitted Volatile vials for FW-24C-01, FW24C-02, FW22C-3, FW22C-2, FW15B-4, and FW-99A, Cother containers picked up 2/25/09 TDK

Client approval to run samples if discrepancies noted: Date:

SR # : J0900908 Date: 2.24.09 Initials: GP

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

	Bottle Code																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	40ml	40ml	40mL	40mL	125mL	125mL	125mL	125mL	250mL	250mL	250ml	250mL	250ml	250mL	250mL	500ml	500mL	500mL	1L	1L	1L	1L	1L	2oz	4oz	8oz	16oz	5g	100mL	Misc.
Container	G	G	G	G	P	P	P	P	P	P	P	P	P	G	G	P	P	P	P	P	G	G	G	G	G	G	G	ENC	P	Misc.
Pres.		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A*	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-		-	-	-	1	-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-	-				-	-
-001		3			1	1		1													2									
-002		3			1	1		1													2									
-003		3			1	1		1													2									
-004		3			1	1		1													2									
-005		3			1	1		1													2									
-006		3			1	1		1													2									
-007		3			1	1		1													2									
-008		3			1	1		1													2									
-009		3		*	1	1		* 1												*	2									
-010		3		*	1	1		* 1													2									
-011		3			1	1		1													2									
-012		3			1	1		1													2									
-013		3			1	1		1													2									
-014		3			3	1		3													2									
-015		3			* 1	1		* 1													* 2									
-016		3			* 1			* 1													* 2									
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* rec'd 2.25.09

Columbia Analytical Services™

Summary Package

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
www.caslab.com

Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW18B-03-022309	J0900908-001	02/23/2009	02/24/2009
FW18B-04-022309	J0900908-002	02/23/2009	02/24/2009
FW18B-02-022309	J0900908-003	02/23/2009	02/24/2009
FW18B-01-022309	J0900908-004	02/23/2009	02/24/2009
FW4C-02-022309	J0900908-005	02/23/2009	02/24/2009
FW4C-03-022309	J0900908-006	02/23/2009	02/24/2009
FW4C-01-022309	J0900908-007	02/23/2009	02/24/2009
FW99B-022309	J0900908-008	02/23/2009	02/24/2009
FW24C-01-022309	J0900908-009	02/23/2009	02/25/2009
FW24C-02-022309	J0900908-010	02/23/2009	02/25/2009
FW14B-1-022309	J0900908-011	02/23/2009	02/24/2009
FW14B-2-022309	J0900908-012	02/23/2009	02/24/2009
FW14B-4-022309	J0900908-013	02/23/2009	02/24/2009
FW14B-3-022309	J0900908-014	02/23/2009	02/24/2009
FW22C-3-022309	J0900908-015	02/23/2009	02/25/2009
FW22C-2-022309	J0900908-016	02/23/2009	02/25/2009
FW22C-1-022309	J0900908-017	02/23/2009	02/25/2009
FW15B-4-022309	J0900908-018	02/23/2009	02/25/2009
FW99A-022309	J0900908-019	02/23/2009	02/25/2009
Trip Blank-022309	J0900908-020	02/23/2009	02/24/2009
FW14B-3-022309MS	JWG0900683-1	02/23/2009	02/24/2009
FW14B-3-022309DMS	JWG0900683-2	02/23/2009	02/24/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Scott Allen Name: Scott Allen

Date: 2-27-09 Title: Scientist

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW18B-03-022309
Lab Code: J0900908-001

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW18B-04-022309	**Units:**	ug/L
Lab Code:	J0900908-002	**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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	85	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	92	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	86	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW18B-02-022309	**Units:**	ug/L
Lab Code:	J0900908-003	**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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	84	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	98	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW18B-01-022309	**Units:**	ug/L
Lab Code:	J0900908-004	**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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	85	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	97	88-117	02/25/09	Acceptable
Dibromofluoromethaue	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW4C-02-022309
Lab Code: J0900908-005

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	86	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW4C-03-022309
Lab Code: J0900908-006

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

Aualyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	89	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW4C-01-022309	**Units:**	ug/L
Lab Code:	J0900908-007	**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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	85	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	88	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW99B-022309
Lab Code: J0900908-008

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	84	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	97	88-117	02/25/09	Acceptable
Dibromofluoromethane	86	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-01-022309	**Units:**	ug/L
Lab Code:	J0900908-009	**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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	92	75-120	02/25/09	Acceptable
Toluene-d8	97	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW24C-02-022309
Lab Code: J0900908-010

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW14B-1-022309
Lab Code: J0900908-011

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	83	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	89	75-120	02/25/09	Acceptable
Toluene-d8	98	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW14B-2-022309
Lab Code: J0900908-012

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	84	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/25/09	Acceptable
Toluene-d8	95	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW14B-4-022309
Lab Code: J0900908-013

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	84	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	97	88-117	02/25/09	Acceptable
Dibromofluoromethane	86	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW14B-3-022309
Lab Code: J0900908-014

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/26/09	Acceptable
Toluene-d8	94	88-117	02/26/09	Acceptable
Dibromofluoromethane	86	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW22C-3-022309
Lab Code: J0900908-015

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/26/09	Acceptable
Toluene-d8	95	88-117	02/26/09	Acceptable
Dibromofluoromethane	86	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW22C-2-022309
Lab Code: J0900908-016

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/26/09	Acceptable
Toluene-d8	95	88-117	02/26/09	Acceptable
Dibromofluoromethane	86	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW22C-1-022309
Lab Code: J0900908-017

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	89	75-120	02/26/09	Acceptable
Toluene-d8	93	88-117	02/26/09	Acceptable
Dibromofluoromethane	85	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-4-022309	**Units:**	ug/L
Lab Code:	J0900908-018	**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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	81	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	88	75-120	02/26/09	Acceptable
Toluene-d8	94	88-117	02/26/09	Acceptable
Dibromofluoromethane	85	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW99A-022309
Lab Code: J0900908-019

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	81	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	92	75-120	02/26/09	Acceptable
Toluene-d8	95	88-117	02/26/09	Acceptable
Dibromofluoromethane	86	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank-022309
Lab Code: J0900908-020

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	88	75-120	02/26/09	Acceptable
Toluene-d8	95	88-117	02/26/09	Acceptable
Dibromofluoromethane	85	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900675-4

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	0.52	1	02/25/09	02/25/09	JWG0900675	
Toluene	ND	U	1.0	0.52	1	02/25/09	02/25/09	JWG0900675	
Ethylbenzene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	
m,p-Xylenes	ND	U	2.0	0.22	1	02/25/09	02/25/09	JWG0900675	
o-Xylene	ND	U	1.0	0.10	1	02/25/09	02/25/09	JWG0900675	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	80	71-122	02/25/09	Acceptable
4-Bromofluorobenzene	91	75-120	02/25/09	Acceptable
Toluene-d8	96	88-117	02/25/09	Acceptable
Dibromofluoromethane	85	82-116	02/25/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900683-4

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	0.52	1	02/26/09	02/26/09	JWG0900683	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900683	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900683	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900683	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	82	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	90	75-120	02/26/09	Acceptable
Toluene-d8	94	88-117	02/26/09	Acceptable
Dibromofluoromethane	83	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908

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
FW18B-03-022309	J0900908-001	83	90	95	85
FW18B-04-022309	J0900908-002	85	92	95	86
FW18B-02-022309	J0900908-003	84	91	98	85
FW18B-01-022309	J0900908-004	85	90	97	85
FW4C-02-022309	J0900908-005	83	90	95	86
FW4C-03-022309	J0900908-006	83	89	96	85
FW4C-01-022309	J0900908-007	85	90	96	88
FW99B-022309	J0900908-008	84	91	97	86
FW24C-01-022309	J0900908-009	83	92	97	85
FW24C-02-022309	J0900908-010	82	90	95	85
FW14B-1-022309	J0900908-011	83	89	98	85
FW14B-2-022309	J0900908-012	84	90	95	85
FW14B-4-022309	J0900908-013	84	91	97	86
FW14B-3-022309	J0900908-014	82	90	94	86
FW22C-3-022309	J0900908-015	82	90	95	86
FW22C-2-022309	J0900908-016	82	90	95	86
FW22C-1-022309	J0900908-017	82	89	93	85
FW15B-4-022309	J0900908-018	81	88	94	85
FW99A-022309	J0900908-019	81	92	95	86
Trip Blank-022309	J0900908-020	82	88	95	85
Method Blank	JWG0900675-4	80	91	96	85
Method Blank	JWG0900683-4	82	90	94	83
FW14B-3-022309MS	JWG0900683-1	82	90	95	85
FW14B-3-022309DMS	JWG0900683-2	82	91	97	85
Lab Control Sample	JWG0900675-3	83	89	95	85
Lab Control Sample	JWG0900683-3	83	92	95	86

Surrogate Recovery Control Limits (%)

Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/25/2009
Time Analyzed: 12:52

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0
Instrument ID: MS52.i
Analysis Method: 8260B

Lab Code: JWG0900676-2
Analysis Lot: JWG0900676
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	144,940	11.38	158,138	8.95	376,649	5.61
	Upper Limit ==>	289,880	11.88	316,276	9.45	753,298	6.11
	Lower Limit ==>	72,470	10.88	79,069	8.45	188,325	5.11
	ICAL Result ==>	126,108	11.38	133,074	8.95	309,887	5.61
Associated Analyses							
Lab Control Sample	JWG0900675-3	143,707	11.38	151,797	8.95	370,687	5.61
Method Blank	JWG0900675-4	147,828	11.38	155,911	8.95	380,586	5.61
FW18B-03-022309	J0900908-001	149,351	11.38	155,587	8.95	377,550	5.61
FW18B-04-022309	J0900908-002	146,124	11.38	153,298	8.95	372,056	5.61
FW18B-02-022309	J0900908-003	148,053	11.38	150,811	8.95	375,400	5.61
FW18B-01-022309	J0900908-004	148,198	11.38	151,854	8.95	374,386	5.61
FW4C-02-022309	J0900908-005	148,906	11.38	154,542	8.95	374,679	5.61
FW4C-03-022309	J0900908-006	149,355	11.38	152,674	8.95	374,003	5.61
FW4C-01-022309	J0900908-007	148,268	11.38	153,667	8.95	372,195	5.61
FW99B-022309	J0900908-008	148,380	11.38	153,987	8.95	378,571	5.61
FW24C-01-022309	J0900908-009	146,846	11.38	153,400	8.95	378,140	5.61
FW24C-02-022309	J0900908-010	149,908	11.38	154,892	8.95	377,969	5.61
FW14B-1-022309	J0900908-011	150,664	11.38	152,911	8.95	380,669	5.61
FW14B-2-022309	J0900908-012	148,951	11.38	155,290	8.95	377,546	5.61
FW14B-4-022309	J0900908-013	148,754	11.38	153,815	8.95	377,356	5.61

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/26/2009
Time Analyzed: 04:38

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B26.B\0
Instrument ID: MS52.i
Analysis Method: 8260B

Lab Code: JWG0900684-2
Analysis Lot: JWG0900684
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	141,212	11.38	159,116	8.95	377,441	5.61
	Upper Limit ==>	282,424	11.88	318,232	9.45	754,882	6.11
	Lower Limit ==>	70,606	10.88	79,558	8.45	188,721	5.11
	ICAL Result ==>	126,108	11.38	133,074	8.95	309,887	5.61
Associated Analyses							
Lab Control Sample	JWG0900683-3	143,770	11.38	153,732	8.95	370,510	5.61
Method Blank	JWG0900683-4	145,886	11.38	153,414	8.95	375,983	5.61
FW14B-3-022309	J0900908-014	145,590	11.38	155,180	8.95	376,245	5.61
FW22C-3-022309	J0900908-015	146,629	11.38	154,500	8.95	377,326	5.61
FW22C-2-022309	J0900908-016	146,999	11.38	153,677	8.95	371,735	5.61
FW22C-1-022309	J0900908-017	147,664	11.38	155,044	8.95	375,121	5.61
FW15B-4-022309	J0900908-018	149,804	11.38	155,831	8.95	379,132	5.61
FW99A-022309	J0900908-019	146,588	11.38	155,149	8.95	375,751	5.61
Trip Blank-022309	J0900908-020	149,978	11.38	154,002	8.95	378,608	5.61
FW14B-3-022309MS	JWG0900683-1	144,256	11.38	154,981	8.95	380,315	5.61
FW14B-3-022309DMS	JWG0900683-2	144,062	11.38	149,295	8.95	372,655	5.61

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 02/26/2009

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

Sample Name: FW14B-3-022309
Lab Code: J0900908-014

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low
Extraction Lot: JWG0900683

Analyte Name	Sample Result	FW14B-3-022309MS JWG0900683-1 Matrix Spike			FW14B-3-022309DMS JWG0900683-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	20.5	20.0	103	20.0	20.0	100	78-123	3	30
Toluene	ND	21.7	20.0	108	21.4	20.0	107	86-119	1	30
Ethylbenzene	ND	21.3	20.0	107	21.1	20.0	105	87-122	1	30
m,p-Xylenes	ND	41.9	40.0	105	41.9	40.0	105	82-120	0	30
o-Xylene	ND	20.8	20.0	104	20.6	20.0	103	85-119	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900675

Analyte Name	Lab Control Sample JWG0900675-3 Lab Control Spike Result	Expected	%Rec	%Rec Limits
Benzene	20.3	20.0	101	79-119
Toluene	21.2	20.0	106	86-117
Ethylbenzene	21.1	20.0	105	90-118
m,p-Xylenes	40.8	40.0	102	86-121
o-Xylene	20.5	20.0	103	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 02/26/2009

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900683

	Lab Control Sample JWG0900683-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	20.0	20.0	100	79-119
Toluene	20.9	20.0	104	86-117
Ethylbenzene	20.8	20.0	104	90-118
m,p-Xylenes	41.5	40.0	104	86-121
o-Xylene	20.3	20.0	101	89-119

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

Percent recoveries and relative percent differenees (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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009
Time Analyzed: 14:11

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900675-4

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529B25.B\0225-18.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900675

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900675-3	J:\MS52\DATA\MS529B25.B\0225-16.D	02/25/09	13:18
FW18B-03-022309	J0900908-001	J:\MS52\DATA\MS529B25.B\0225-26.D	02/25/09	17:44
FW18B-04-022309	J0900908-002	J:\MS52\DATA\MS529B25.B\0225-27.D	02/25/09	18:10
FW18B-02-022309	J0900908-003	J:\MS52\DATA\MS529B25.B\0225-28.D	02/25/09	18:36
FW18B-01-022309	J0900908-004	J:\MS52\DATA\MS529B25.B\0225-29.D	02/25/09	19:03
FW4C-02-022309	J0900908-005	J:\MS52\DATA\MS529B25.B\0225-30.D	02/25/09	19:29
FW4C-03-022309	J0900908-006	J:\MS52\DATA\MS529B25.B\0225-31.D	02/25/09	19:56
FW4C-01-022309	J0900908-007	J:\MS52\DATA\MS529B25.B\0225-32.D	02/25/09	20:22
FW99B-022309	J0900908-008	J:\MS52\DATA\MS529B25.B\0225-33.D	02/25/09	20:49
FW24C-01-022309	J0900908-009	J:\MS52\DATA\MS529B25.B\0225-34.D	02/25/09	21:15
FW24C-02-022309	J0900908-010	J:\MS52\DATA\MS529B25.B\0225-35.D	02/25/09	21:41
FW14B-1-022309	J0900908-011	J:\MS52\DATA\MS529B25.B\0225-36.D	02/25/09	22:08
FW14B-2-022309	J0900908-012	J:\MS52\DATA\MS529B25.B\0225-37.D	02/25/09	22:34
FW14B-4-022309	J0900908-013	J:\MS52\DATA\MS529B25.B\0225-38.D	02/25/09	23:01

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 02/26/2009
Time Analyzed: 05:57

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900683-4

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529B26.B\0226-05.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900683

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900683-3	J:\MS52\DATA\MS529B26.B\0226-03.D	02/26/09	05:04
FW14B-3-022309	J0900908-014	J:\MS52\DATA\MS529B26.B\0226-06.D	02/26/09	06:24
FW22C-3-022309	J0900908-015	J:\MS52\DATA\MS529B26.B\0226-07.D	02/26/09	06:51
FW22C-2-022309	J0900908-016	J:\MS52\DATA\MS529B26.B\0226-08.D	02/26/09	07:17
FW22C-1-022309	J0900908-017	J:\MS52\DATA\MS529B26.B\0226-09.D	02/26/09	07:43
FW15B-4-022309	J0900908-018	J:\MS52\DATA\MS529B26.B\0226-10.D	02/26/09	08:10
FW99A-022309	J0900908-019	J:\MS52\DATA\MS529B26.B\0226-11.D	02/26/09	08:37
Trip Blank-022309	J0900908-020	J:\MS52\DATA\MS529B26.B\0226-12.D	02/26/09	09:03
FW14B-3-022309MS	JWG0900683-1	J:\MS52\DATA\MS529B26.B\0226-13.D	02/26/09	10:00
FW14B-3-022309DMS	JWG0900683-2	J:\MS52\DATA\MS529B26.B\0226-14.D	02/26/09	10:27

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/25/2009
Date Analyzed: 02/25/2009
Time Analyzed: 13:18

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name: Lab Control Sample
Lab Code: JWG0900675-3

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529B25.B\0225-16.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900675

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900675-4	J:\MS52\DATA\MS529B25.B\0225-18.D	02/25/09	14:11
FW18B-03-022309	J0900908-001	J:\MS52\DATA\MS529B25.B\0225-26.D	02/25/09	17:44
FW18B-04-022309	J0900908-002	J:\MS52\DATA\MS529B25.B\0225-27.D	02/25/09	18:10
FW18B-02-022309	J0900908-003	J:\MS52\DATA\MS529B25.B\0225-28.D	02/25/09	18:36
FW18B-01-022309	J0900908-004	J:\MS52\DATA\MS529B25.B\0225-29.D	02/25/09	19:03
FW4C-02-022309	J0900908-005	J:\MS52\DATA\MS529B25.B\0225-30.D	02/25/09	19:29
FW4C-03-022309	J0900908-006	J:\MS52\DATA\MS529B25.B\0225-31.D	02/25/09	19:56
FW4C-01-022309	J0900908-007	J:\MS52\DATA\MS529B25.B\0225-32.D	02/25/09	20:22
FW99B-022309	J0900908-008	J:\MS52\DATA\MS529B25.B\0225-33.D	02/25/09	20:49
FW24C-01-022309	J0900908-009	J:\MS52\DATA\MS529B25.B\0225-34.D	02/25/09	21:15
FW24C-02-022309	J0900908-010	J:\MS52\DATA\MS529B25.B\0225-35.D	02/25/09	21:41
FW14B-1-022309	J0900908-011	J:\MS52\DATA\MS529B25.B\0225-36.D	02/25/09	22:08
FW14B-2-022309	J0900908-012	J:\MS52\DATA\MS529B25.B\0225-37.D	02/25/09	22:34
FW14B-4-022309	J0900908-013	J:\MS52\DATA\MS529B25.B\0225-38.D	02/25/09	23:01

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900908
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	02/26/2009
		Time Analyzed:	05:04

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS52\DATA\MS529B26.B\0226-03.D
Lab Code:	JWG0900683-3	**Instrument ID:**	MS52.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900683

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900683-4	J:\MS52\DATA\MS529B26.B\0226-05.D	02/26/09	05:57
FW14B-3-022309	J0900908-014	J:\MS52\DATA\MS529B26.B\0226-06.D	02/26/09	06:24
FW22C-3-022309	J0900908-015	J:\MS52\DATA\MS529B26.B\0226-07.D	02/26/09	06:51
FW22C-2-022309	J0900908-016	J:\MS52\DATA\MS529B26.B\0226-08.D	02/26/09	07:17
FW22C-1-022309	J0900908-017	J:\MS52\DATA\MS529B26.B\0226-09.D	02/26/09	07:43
FW15B-4-022309	J0900908-018	J:\MS52\DATA\MS529B26.B\0226-10.D	02/26/09	08:10
FW99A-022309	J0900908-019	J:\MS52\DATA\MS529B26.B\0226-11.D	02/26/09	08:37
Trip Blank-022309	J0900908-020	J:\MS52\DATA\MS529B26.B\0226-12.D	02/26/09	09:03
FW14B-3-022309MS	JWG0900683-1	J:\MS52\DATA\MS529B26.B\0226-13.D	02/26/09	10:00
FW14B-3-022309DMS	JWG0900683-2	J:\MS52\DATA\MS529B26.B\0226-14.D	02/26/09	10:27

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/25/2009
Time Analyzed: 12:30

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0225-14.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900676

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	19.1	1338	PASS
75	95	30	60	51.3	3590	PASS
95	95	100	100	100.0	6996	PASS
96	95	5	9	6.0	422	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	98.8	6914	PASS
175	174	5	9	6.4	440	PASS
176	174	95	101	100.3	6932	PASS
177	176	5	9	5.3	366	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900676-2	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	12:52	
Lab Control Sample	JWG0900675-3	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	13:18	
Method Blank	JWG0900675-4	J:\MS52\DATA\MS529B25.B\0225-1	02/25/2009	14:11	
FW18B-03-022309	J0900908-001	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	17:44	
FW18B-04-022309	J0900908-002	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	18:10	
FW18B-02-022309	J0900908-003	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	18:36	
FW18B-01-022309	J0900908-004	J:\MS52\DATA\MS529B25.B\0225-2	02/25/2009	19:03	
FW4C-02-022309	J0900908-005	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	19:29	
FW4C-03-022309	J0900908-006	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	19:56	
FW4C-01-022309	J0900908-007	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	20:22	
FW99B-022309	J0900908-008	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	20:49	
FW24C-01-022309	J0900908-009	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	21:15	
FW24C-02-022309	J0900908-010	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	21:41	
FW14B-1-022309	J0900908-011	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	22:08	
FW14B-2-022309	J0900908-012	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	22:34	
FW14B-4-022309	J0900908-013	J:\MS52\DATA\MS529B25.B\0225-3	02/25/2009	23:01	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/26/2009
Time Analyzed: 04:15

Tuue Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B26.B\0226-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900684

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	20.4	689	PASS
75	95	30	60	52.1	1760	PASS
95	95	100	100	100.0	3375	PASS
96	95	5	9	7.6	257	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	85.9	2899	PASS
175	174	5	9	7.5	218	PASS
176	174	95	101	97.2	2819	PASS
177	176	5	9	8.2	231	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900684-2	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	04:38	
Lab Control Sample	JWG0900683-3	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	05:04	
Method Blank	JWG0900683-4	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	05:57	
FW14B-3-022309	J0900908-014	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	06:24	
FW22C-3-022309	J0900908-015	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	06:51	
FW22C-2-022309	J0900908-016	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	07:17	
FW22C-1-022309	J0900908-017	J:\MS52\DATA\MS529B26.B\0226-0	02/26/2009	07:43	
FW15B-4-022309	J0900908-018	J:\MS52\DATA\MS529B26.B\0226-1	02/26/2009	08:10	
FW99A-022309	J0900908-019	J:\MS52\DATA\MS529B26.B\0226-1	02/26/2009	08:37	
Trip Blank-022309	J0900908-020	J:\MS52\DATA\MS529B26.B\0226-1	02/26/2009	09:03	
FW14B-3-022309MS	JWG0900683-1	J:\MS52\DATA\MS529B26.B\0226-1	02/26/2009	10:00	
FW14B-3-022309DMS	JWG0900683-2	J:\MS52\DATA\MS529B26.B\0226-1	02/26/2009	10:27	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	E	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
B	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	F	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
C	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	G	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
D	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	H	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.05	B	2.0	1.08	C	5.0	1.06	D	20	1.20	E	50	1.21
	F	100	1.15	G	150	1.17	H	200	1.15						
‡ Toluene	A	1.0	2.75	B	2.0	2.80	C	5.0	2.61	D	20	2.92	E	50	2.84
	F	100	2.68	G	150	2.57	H	200	2.41						
‡ Ethylbenzene	A	1.0	2.99	B	2.0	2.90	C	5.0	2.79	D	20	3.15	E	50	3.07
	F	100	2.93	G	150	2.79	H	200	2.64						
m,p-Xylenes	A	2.0	1.14	B	4.0	1.10	C	10	1.09	D	40	1.22	E	100	1.18
	F	200	1.12	G	300	1.09	H	400	1.04						
o-Xylene	A	1.0	2.45	B	2.0	2.43	C	5.0	2.44	D	20	2.58	E	50	2.50
	F	100	2.37	G	150	2.30	H	200	2.20						
1,2-Dichloroethane-d4							C	10	0.150	D	20	0.149	E	50	0.169
	F	100	0.167	G	150	0.168	H	200	0.167						
4-Bromofluorobenzene							C	10	0.798	D	20	0.832	E	50	0.899
	F	100	0.903	G	150	0.884	H	200	0.860						
Toluene-d8							C	10	2.10	D	20	2.03	E	50	2.23
	F	100	2.24	G	150	2.13	H	200	1.98						
Dibromofluoromethane							C	10	0.231	D	20	0.235	E	50	0.260
	F	100	0.268	G	150	0.269	H	200	0.266						
† Chlorobenzene	A	1.0	1.92	B	2.0	1.76	C	5.0	1.78	D	20	1.89	E	50	1.86
	F	100	1.78	G	150	1.72	H	200	1.64						
‡ Chloroform	A	1.0	0.466	B	2.0	0.457	C	5.0	0.459	D	20	0.538	E	50	0.529
	F	100	0.513	G	150	0.519	H	200	0.518						
† Chloromethane	A	1.0	0.484	B	2.0	0.476	C	5.0	0.474	D	20	0.582	E	50	0.557
	F	100	0.497	G	150	0.468	H	200	0.440						
‡ Vinyl Chloride	A	1.0	0.382	B	2.0	0.354	C	5.0	0.395	D	20	0.468	E	50	0.442
	F	100	0.413	G	150	0.406	H	200	0.399						
† Bromoform				B	2.0	0.315	C	5.0	0.364	D	20	0.402	E	50	0.435
	F	100	0.452	G	150	0.443	H	200	0.432						

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.531	B	2.0	0.507	C	5.0	0.521	D	20	0.614	E	50	0.608
	F	100	0.585	G	150	0.598	H	200	0.588						
‡ 1,1-Dichloroethene	A	1.0	0.392	B	2.0	0.432	C	5.0	0.434	D	20	0.531	E	50	0.522
	F	100	0.507	G	150	0.514	H	200	0.507						
‡ 1,2-Dichloropropane	A	1.0	0.278	B	2.0	0.287	C	5.0	0.289	D	20	0.337	E	50	0.333
	F	100	0.322	G	150	0.322	H	200	0.323						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.676	B	2.0	0.640	C	5.0	0.664	D	20	0.711	E	50	0.668
	F	100	0.646	G	150	0.624	H	200	0.604						

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	5.4		≤ 15	1.13		0.01
‡ Toluene	MS	AverageRF	% RSD	6.1		≤ 15	2.70		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	5.7		≤ 15	2.91		0.01
m,p-Xylenes	MS	AverageRF	% RSD	5.1		≤ 15	1.12		0.01
o-Xylene	MS	AverageRF	% RSD	4.9		≤ 15	2.41		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	5.9		≤ 15	0.162		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	4.8		≤ 15	0.863		
Toluene-d8	SURR	AverageRF	% RSD	4.9		≤ 15	2.12		
Dibromofluoromethane	SURR	AverageRF	% RSD	6.7		≤ 15	0.255		
† Chlorobenzene	MS	AverageRF	% RSD	5.2		≤ 15	1.79		0.3
‡ Chloroform	MS	AverageRF	% RSD	6.7		≤ 15	0.500		0.01
† Chloromethane	MS	AverageRF	% RSD	9.6		≤ 15	0.497		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	8.6		≤ 15	0.407		0.01
† Bromoform	MS	AverageRF	% RSD	12.3		≤ 15	0.406		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	7.5		≤ 15	0.569		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	10.9		≤ 15	0.480		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	7.4		≤ 15	0.311		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	5.0		≤ 15	0.654		0.3

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 01/29/2009
Date Analyzed: 01/29/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1737
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\0129-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	49	1.13	1.11	-2	NA	± 30 %	AverageRF
‡ Toluene	50	49	2.70	2.65	-2	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	49	2.91	2.82	-3	NA	± 30 %	AverageRF
m,p-Xylenes	100	97	1.12	1.09	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	2.41	2.31	-4	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.654	0.637	-3	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.569	0.560	-2	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	49	0.480	0.474	-1	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.311	0.315	1	NA	± 30 %	AverageRF
† Bromoform	50	51	0.406	0.417	3	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	1.79	1.72	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	49	0.500	0.490	-2	NA	± 30 %	AverageRF
† Chloromethane	50	49	0.497	0.485	-2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	48	0.407	0.389	-4	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/25/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 01/29/2009
ICAL ID: CAL1737
Analysis Lot: JWG0900676
Units: ug/L
Column ID: DB-VRX

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B25.B\0225-15.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	48	0.01	1.13	1.10	-3	NA	± 30 %	AverageRF
‡ Toluene	50	50	0.01	2.70	2.69	0	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	49	0.01	2.91	2.86	-2	NA	± 20 %	AverageRF
m,p-Xylenes	100	97	0.01	1.12	1.08	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	0.01	2.41	2.31	-4	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	40		0.162	0.130	-19	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	44		0.863	0.767	-11	NA	± 30 %	AverageRF
Toluene-d8	50	46		2.12	1.95	-8	NA	± 30 %	AverageRF
Dibromofluoromethane	50	42		0.255	0.215	-16	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	0.3	1.79	1.73	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	48	0.01	0.500	0.477	-5	NA	± 20 %	AverageRF
† Chloromethane	50	51	0.1	0.497	0.504	1	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	51	0.01	0.407	0.415	2	NA	± 20 %	AverageRF
† Bromoform	50	47	0.1	0.406	0.385	-5	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	48	0.1	0.569	0.548	-4	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	48	0.01	0.480	0.456	-5	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	52	0.01	0.311	0.323	4	NA	± 20 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	51	0.3	0.654	0.665	2	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 02/26/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 01/29/2009
ICAL ID: CAL1737
Analysis Lot: JWG0900684
Units: ug/L
Column ID: DB-VRX

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529B26.B\0226-02.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	49	0.01	1.13	1.12	-1	NA	± 30 %	AverageRF
‡ Toluene	50	50	0.01	2.70	2.70	0	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	50	0.01	2.91	2.89	-1	NA	± 20 %	AverageRF
m,p-Xylenes	100	97	0.01	1.12	1.09	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	0.01	2.41	2.33	-3	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	41		0.162	0.133	-18	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	47		0.863	0.803	-7	NA	± 30 %	AverageRF
Toluene-d8	50	46		2.12	1.95	-8	NA	± 30 %	AverageRF
Dibromofluoromethane	50	43		0.255	0.217	-15	NA	± 30 %	AverageRF
‡ Chloroform	50	49	0.01	0.500	0.487	-3	NA	± 20 %	AverageRF
† Chloromethane	50	51	0.1	0.497	0.505	1	NA	± 30 %	AverageRF
† Chlorobenzene	50	49	0.3	1.79	1.74	-3	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	51	0.01	0.407	0.419	3	NA	± 20 %	AverageRF
† Bromoform	50	51	0.1	0.406	0.411	1	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.1	0.569	0.562	-1	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	48	0.01	0.480	0.459	-4	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	53	0.01	0.311	0.328	5	NA	± 20 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	52	0.3	0.654	0.681	4	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0900908

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900676
Instrument ID: MS52.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0225-14.D	GC/MS Tuning - Bromofluorobenzene	JWG0900676-1	2/25/2009	12:30		2/25/2009	12:30
\0225-15.D	Continuing Calibration Verification	JWG0900676-2	2/25/2009	12:52		2/25/2009	12:52
\0225-16.D	Lab Control Sample	JWG0900675-3	2/25/2009	13:18		2/25/2009	13:18
\0225-18.D	Method Blank	JWG0900675-4	2/25/2009	14:11		2/25/2009	14:11
\0225-19.D	ZZZZZZ	ZZZZZZ	2/25/2009	14:38		2/25/2009	14:38
\0225-20.D	ZZZZZZ	ZZZZZZ	2/25/2009	15:05		2/25/2009	15:05
\0225-21.D	ZZZZZZ	ZZZZZZ	2/25/2009	15:31		2/25/2009	15:31
\0225-22.D	ZZZZZZ	ZZZZZZ	2/25/2009	15:58		2/25/2009	15:58
\0225-23.D	ZZZZZZ	ZZZZZZ	2/25/2009	16:24		2/25/2009	16:24
\0225-24.D	ZZZZZZ	ZZZZZZ	2/25/2009	16:51		2/25/2009	16:51
\0225-25.D	ZZZZZZ	ZZZZZZ	2/25/2009	17:18		2/25/2009	17:18
\0225-26.D	FW18B-03-022309	J0900908-001	2/25/2009	17:44		2/25/2009	17:44
\0225-27.D	FW18B-04-022309	J0900908-002	2/25/2009	18:10		2/25/2009	18:10
\0225-28.D	FW18B-02-022309	J0900908-003	2/25/2009	18:36		2/25/2009	18:36
\0225-29.D	FW18B-01-022309	J0900908-004	2/25/2009	19:03		2/25/2009	19:03
\0225-30.D	FW4C-02-022309	J0900908-005	2/25/2009	19:29		2/25/2009	19:29
\0225-31.D	FW4C-03-022309	J0900908-006	2/25/2009	19:56		2/25/2009	19:56
\0225-32.D	FW4C-01-022309	J0900908-007	2/25/2009	20:22		2/25/2009	20:22
\0225-33.D	FW99B-022309	J0900908-008	2/25/2009	20:49		2/25/2009	20:49
\0225-34.D	FW24C-01-022309	J0900908-009	2/25/2009	21:15		2/25/2009	21:15
\0225-35.D	FW24C-02-022309	J0900908-010	2/25/2009	21:41		2/25/2009	21:41
\0225-36.D	FW14B-1-022309	J0900908-011	2/25/2009	22:08		2/25/2009	22:08
\0225-37.D	FW14B-2-022309	J0900908-012	2/25/2009	22:34		2/25/2009	22:34
\0225-38.D	FW14B-4-022309	J0900908-013	2/25/2009	23:01		2/25/2009	23:01
\0225-39.D	ZZZZZZ	ZZZZZZ	2/25/2009	23:28		2/25/2009	23:28
\0225-40.D	ZZZZZZ	ZZZZZZ	2/25/2009	23:54		2/25/2009	23:54

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900684
Instrument ID: MS52.i
Colnmn: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0226-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900684-1	2/26/2009	04:15		2/26/2009	04:15
\0226-02.D	Continuing Calibration Verification	JWG0900684-2	2/26/2009	04:38		2/26/2009	04:38
\0226-03.D	Lab Control Sample	JWG0900683-3	2/26/2009	05:04		2/26/2009	05:04
\0226-05.D	Method Blank	JWG0900683-4	2/26/2009	05:57		2/26/2009	05:57
\0226-06.D	FW14B-3-022309	J0900908-014	2/26/2009	06:24		2/26/2009	06:24
\0226-07.D	FW22C-3-022309	J0900908-015	2/26/2009	06:51		2/26/2009	06:51
\0226-08.D	FW22C-2-022309	J0900908-016	2/26/2009	07:17		2/26/2009	07:17
\0226-09.D	FW22C-1-022309	J0900908-017	2/26/2009	07:43		2/26/2009	07:43
\0226-10.D	FW15B-4-022309	J0900908-018	2/26/2009	08:10		2/26/2009	08:10
\0226-11.D	FW99A-022309	J0900908-019	2/26/2009	08:37		2/26/2009	08:37
\0226-12.D	Trip Blank-022309	J0900908-020	2/26/2009	09:03		2/26/2009	09:03
\0226-13.D	FW14B-3-022309MS	JWG0900683-1	2/26/2009	10:00		2/26/2009	10:00
\0226-14.D	FW14B-3-022309DMS	JWG0900683-2	2/26/2009	10:27		2/26/2009	10:27

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/25/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900675
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW18B-03-022309	J0900908-001	02/23/09	02/24/09	5ml	5ml	NA	
FW18B-04-022309	J0900908-002	02/23/09	02/24/09	5ml	5ml	NA	
FW18B-02-022309	J0900908-003	02/23/09	02/24/09	5ml	5ml	NA	
FW18B-01-022309	J0900908-004	02/23/09	02/24/09	5ml	5ml	NA	
FW4C-02-022309	J0900908-005	02/23/09	02/24/09	5ml	5ml	NA	
FW4C-03-022309	J0900908-006	02/23/09	02/24/09	5ml	5ml	NA	
FW4C-01-022309	J0900908-007	02/23/09	02/24/09	5ml	5ml	NA	
FW99B-022309	J0900908-008	02/23/09	02/24/09	5ml	5ml	NA	
FW24C-01-022309	J0900908-009	02/23/09	02/25/09	5ml	5ml	NA	
FW24C-02-022309	J0900908-010	02/23/09	02/25/09	5ml	5ml	NA	
FW14B-1-022309	J0900908-011	02/23/09	02/24/09	5ml	5ml	NA	
FW14B-2-022309	J0900908-012	02/23/09	02/24/09	5ml	5ml	NA	
FW14B-4-022309	J0900908-013	02/23/09	02/24/09	5ml	5ml	NA	
Method Blank	JWG0900675-4	NA	NA	5ml	5ml	NA	
Lab Control Sample	JWG0900675-3	NA	NA	5ml	5ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900683
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW14B-3-022309	J0900908-014	02/23/09	02/24/09	5ml	5ml	NA	
FW22C-3-022309	J0900908-015	02/23/09	02/25/09	5ml	5ml	NA	
FW22C-2-022309	J0900908-016	02/23/09	02/25/09	5ml	5ml	NA	
FW22C-1-022309	J0900908-017	02/23/09	02/25/09	5ml	5ml	NA	
FW15B-4-022309	J0900908-018	02/23/09	02/25/09	5ml	5ml	NA	
FW99A-022309	J0900908-019	02/23/09	02/25/09	5ml	5ml	NA	
Trip Blank-022309	J0900908-020	02/23/09	02/24/09	5ml	5ml	NA	
Method Blank	JWG0900683-4	NA	NA	5ml	5ml	NA	
FW14B-3-022309MS	JWG0900683-1	02/23/09	02/24/09	5ml	5ml	NA	
FW14B-3-022309DMS	JWG0900683-2	02/23/09	02/24/09	5ml	5ml	NA	
Lab Control Sample	JWG0900683-3	NA	NA	5ml	5ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW18B-03-022309	J0900908-001	02/23/2009	02/24/2009
FW18B-04-022309	J0900908-002	02/23/2009	02/24/2009
FW18B-02-022309	J0900908-003	02/23/2009	02/24/2009
FW18B-01-022309	J0900908-004	02/23/2009	02/24/2009
FW4C-02-022309	J0900908-005	02/23/2009	02/24/2009
FW4C-03-022309	J0900908-006	02/23/2009	02/24/2009
FW4C-01-022309	J0900908-007	02/23/2009	02/24/2009
FW99B-022309	J0900908-008	02/23/2009	02/24/2009
FW24C-01-022309	J0900908-009	02/23/2009	02/25/2009
FW24C-02-022309	J0900908-010	02/23/2009	02/25/2009
FW14B-1-022309	J0900908-011	02/23/2009	02/24/2009
FW14B-2-022309	J0900908-012	02/23/2009	02/24/2009
FW14B-4-022309	J0900908-013	02/23/2009	02/24/2009
FW14B-3-022309	J0900908-014	02/23/2009	02/24/2009
FW22C-3-022309	J0900908-015	02/23/2009	02/25/2009
FW22C-2-022309	J0900908-016	02/23/2009	02/25/2009
FW22C-1-022309	J0900908-017	02/23/2009	02/25/2009
FW15B-4-022309	J0900908-018	02/23/2009	02/25/2009
FW99A-022309	J0900908-019	02/23/2009	02/25/2009
FW14B-3-022309DMS	JWG0900695-2	02/23/2009	02/24/2009
FW14B-3-022309MS	JWG0900695-4	02/23/2009	02/24/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: William Mark

Date: 3/13/9 Title: Scientist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-03-022309
Lab Code: J0900908-001

Extraction Method: EPA 3510C
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	6.5	0.55	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.5	0.84	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.5	1.0	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.5	0.97	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.5	0.76	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.5	1.3	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	26	0.88	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.5	0.91	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.5	0.93	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.5	0.97	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.5	0.86	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.5	0.71	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.5	0.82	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.72	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.5	0.81	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-03-022309
Lab Code: J0900908-001

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/04/09	Acceptable
Phenol-d6	14	10-51	03/04/09	Acceptable
Nitrobenzene-d5	53	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	59	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	74	30-143	03/04/09	Acceptable
Terphenyl-d14	81	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-04-022309
Lab Code: J0900908-002

Extraction Method: EPA 3510C
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	6.1	0.51	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.1	0.78	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.1	0.93	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.1	0.90	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.1	0.70	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.1	1.2	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	25	0.81	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.1	0.85	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.1	0.86	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.1	0.90	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.1	0.80	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.1	0.76	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.67	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.1	0.75	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-04-022309
Lab Code: J0900908-002

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/04/09	Acceptable
Phenol-d6	15	10-51	03/04/09	Acceptable
Nitrobenzene-d5	57	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	80	30-143	03/04/09	Acceptable
Terphenyl-d14	85	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-02-022309
Lab Code: J0900908-003

Extraction Method: EPA 3510C
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	6.3	0.53	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.3	0.80	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.3	0.97	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.3	0.73	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.3	1.3	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	25	0.84	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.3	0.88	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.3	0.89	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.3	0.93	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.3	0.83	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-02-022309
Lab Code: J0900908-003

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/04/09	Acceptable
Phenol-d6	13	10-51	03/04/09	Acceptable
Nitrobenzene-d5	50	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	57	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	77	30-143	03/04/09	Acceptable
Terphenyl-d14	82	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-01-022309
Lab Code: J0900908-004

Extraction Method: EPA 3510C
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	5.9	0.49	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	5.9	0.75	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	5.9	0.90	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	5.9	0.92	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	5.9	0.68	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	5.9	1.2	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	5.9	0.92	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	5.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	24	0.78	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	5.9	0.82	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	5.9	0.83	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	5.9	0.87	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	5.9	0.77	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	5.9	0.98	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	5.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW18B-01-022309
Lab Code: J0900908-004

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/04/09	Acceptable
Phenol-d6	14	10-51	03/04/09	Acceptable
Nitrobenzene-d5	56	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	80	30-143	03/04/09	Acceptable
Terphenyl-d14	76	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-02-022309
Lab Code: J0900908-005

Extraction Method: EPA 3510C
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	6.1	0.51	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.1	0.78	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.1	0.93	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.1	0.90	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.1	0.70	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.1	1.2	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.1	0.96	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	25	0.81	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.1	0.85	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.1	0.86	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.1	0.90	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.1	0.80	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.1	0.76	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.67	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.1	0.75	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.1	1.1	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-02-022309
Lab Code: J0900908-005

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	22	10-77	03/04/09	Acceptable
Phenol-d6	13	10-51	03/04/09	Acceptable
Nitrobenzene-d5	51	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	57	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	64	30-143	03/04/09	Acceptable
Terphenyl-d14	79	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-03-022309
Lab Code: J0900908-006

Extraction Method: EPA 3510C
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	6.6	0.56	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.6	0.85	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.6	1.1	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.6	1.1	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.6	1.1	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.6	0.98	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.6	0.77	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.6	1.4	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.6	1.1	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	27	0.89	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.6	0.93	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.6	0.94	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.6	0.98	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.6	0.87	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	
Chryseue	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.6	0.72	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.6	0.83	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.6	0.73	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.6	0.82	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.6	1.2	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-03-022309
Lab Code: J0900908-006

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/04/09	Acceptable
Phenol-d6	16	10-51	03/04/09	Acceptable
Nitrobenzene-d5	58	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	81	30-143	03/04/09	Acceptable
Terphenyl-d14	91	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-01-022309
Lab Code: J0900908-007

Extraction Method: EPA 3510C
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	5.4	0.46	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	5.4	0.69	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	5.4	0.83	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	**1.2**	J	5.4	0.85	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.4	0.80	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	5.4	0.63	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	5.4	1.1	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	5.4	0.85	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	5.4	0.95	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	22	0.73	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	5.4	0.76	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	5.4	0.77	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	5.4	0.80	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	5.4	0.71	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	5.4	0.91	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	5.4	0.93	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	5.4	0.94	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.4	0.94	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.4	0.68	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.4	0.67	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW4C-01-022309
Lab Code: J0900908-007

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	23	10-77	03/04/09	Acceptable
Phenol-d6	13	10-51	03/04/09	Acceptable
Nitrobenzene-d5	54	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	73	30-143	03/04/09	Acceptable
Terphenyl-d14	83	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99B-022309
Lab Code: J0900908-008

Extraction Method: EPA 3510C
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	0.45	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	5.3	0.68	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	5.3	0.82	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	5.3	0.84	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	5.3	0.62	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	5.3	1.1	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	5.3	0.84	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	5.3	0.93	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	22	0.71	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	5.3	0.74	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	5.3	0.75	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	5.3	0.78	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	5.3	0.70	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	5.3	0.89	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	5.3	0.91	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	5.3	0.92	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.3	0.92	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.3	0.67	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99B-022309
Lab Code: J0900908-008

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/04/09	Acceptable
Phenol-d6	13	10-51	03/04/09	Acceptable
Nitrobenzene-d5	58	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	81	30-143	03/04/09	Acceptable
Terphenyl-d14	95	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24C-01-022309
Lab Code: J0900908-009

Extraction Method: EPA 3510C
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	6.9	0.58	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.9	0.88	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.9	0.80	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.9	1.4	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.9	1.3	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	28	0.92	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.9	0.96	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.9	0.98	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.9	1.1	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.9	0.91	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.9	1.2	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.9	1.2	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.9	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.9	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.9	0.74	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.9	0.87	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.9	0.76	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.9	0.85	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.9	1.3	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24C-01-022309
Lab Code: J0900908-009

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/04/09	Acceptable
Phenol-d6	16	10-51	03/04/09	Acceptable
Nitrobenzene-d5	55	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	76	30-143	03/04/09	Acceptable
Terphenyl-d14	85	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24C-02-022309
Lab Code: J0900908-010

Extraction Method: EPA 3510C
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	6.5	0.55	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.5	0.84	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.5	1.0	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.5	0.97	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.5	0.76	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.5	1.3	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	26	0.88	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.5	0.91	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.5	0.93	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.5	0.97	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.5	0.86	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.5	1.1	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.5	0.71	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.5	0.82	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.72	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.5	0.81	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24C-02-022309
Lab Code: J0900908-010

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/04/09	Acceptable
Phenol-d6	15	10-51	03/04/09	Acceptable
Nitrobenzene-d5	56	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	78	30-143	03/04/09	Acceptable
Terphenyl-d14	85	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-1-022309
Lab Code: J0900908-011

Extraction Method: EPA 3510C
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	6.0	0.50	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.0	0.77	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.0	0.92	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.0	0.70	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.0	1.2	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	24	0.80	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.0	0.84	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.0	0.85	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.0	0.89	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.0	0.79	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.0	1.0	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-1-022309
Lab Code: J0900908-011

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	16	10-77	03/04/09	Acceptable
Phenol-d6	12	10-51	03/04/09	Acceptable
Nitrobenzene-d5	54	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	52	30-143	03/04/09	Acceptable
Terphenyl-d14	86	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-2-022309
Lab Code: J0900908-012

Extraction Method: EPA 3510C
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	5.7	0.48	1	02/26/09	03/05/09	JWG0900695	
2-Methylphenol	ND	U	5.7	0.73	1	02/26/09	03/05/09	JWG0900695	
4-Methylphenol†	ND	U	5.7	0.88	1	02/26/09	03/05/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.7	0.90	1	02/26/09	03/05/09	JWG0900695	
Naphthalene	ND	U	5.7	0.90	1	02/26/09	03/05/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.7	0.85	1	02/26/09	03/05/09	JWG0900695	
Acenaphthylene	ND	U	5.7	0.66	1	02/26/09	03/05/09	JWG0900695	
Acenaphthene	ND	U	5.7	1.2	1	02/26/09	03/05/09	JWG0900695	
Dibenzofuran	ND	U	5.7	0.90	1	02/26/09	03/05/09	JWG0900695	
Fluorene	ND	U	5.7	1.0	1	02/26/09	03/05/09	JWG0900695	
Pentachlorophenol	ND	U	23	0.77	1	02/26/09	03/05/09	JWG0900695	
Phenanthrene	ND	U	5.7	0.80	1	02/26/09	03/05/09	JWG0900695	
Anthracene	ND	U	5.7	0.81	1	02/26/09	03/05/09	JWG0900695	
Carbazole	ND	U	5.7	0.85	1	02/26/09	03/05/09	JWG0900695	
Fluoranthene	ND	U	5.7	0.75	1	02/26/09	03/05/09	JWG0900695	
Pyrene	ND	U	5.7	0.96	1	02/26/09	03/05/09	JWG0900695	
Benz(a)anthracene	ND	U	5.7	0.98	1	02/26/09	03/05/09	JWG0900695	
Chrysene	ND	U	5.7	0.99	1	02/26/09	03/05/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.7	0.99	1	02/26/09	03/05/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.7	0.62	1	02/26/09	03/05/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.7	0.72	1	02/26/09	03/05/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.63	1	02/26/09	03/05/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.7	0.71	1	02/26/09	03/05/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/26/09	03/05/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-2-022309
Lab Code: J0900908-012

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/05/09	Acceptable
Phenol-d6	13	10-51	03/05/09	Acceptable
Nitrobenzene-d5	52	32-106	03/05/09	Acceptable
2-Fluorobiphenyl	58	30-102	03/05/09	Acceptable
2,4,6-Tribromophenol	70	30-143	03/05/09	Acceptable
Terphenyl-d14	78	23-165	03/05/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-4-022309
Lab Code: J0900908-013

Extraction Method: EPA 3510C
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	5.7	0.48	1	02/26/09	03/12/09	JWG0900695	
2-Methylphenol	ND	U	5.7	0.73	1	02/26/09	03/12/09	JWG0900695	
4-Methylphenol†	ND	U	5.7	0.88	1	02/26/09	03/12/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.7	0.90	1	02/26/09	03/12/09	JWG0900695	
Naphthalene	ND	U	5.7	0.90	1	02/26/09	03/12/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.7	0.85	1	02/26/09	03/12/09	JWG0900695	
Acenaphthylene	ND	U	5.7	0.66	1	02/26/09	03/12/09	JWG0900695	
Acenaphthene	ND	U	5.7	1.2	1	02/26/09	03/12/09	JWG0900695	
Dibenzofuran	ND	U	5.7	0.90	1	02/26/09	03/12/09	JWG0900695	
Fluorene	ND	U	5.7	1.0	1	02/26/09	03/12/09	JWG0900695	
Pentachlorophenol	ND	U	23	0.77	1	02/26/09	03/12/09	JWG0900695	
Phenanthrene	ND	U	5.7	0.80	1	02/26/09	03/12/09	JWG0900695	
Anthracene	ND	U	5.7	0.81	1	02/26/09	03/12/09	JWG0900695	
Carbazole	ND	U	5.7	0.85	1	02/26/09	03/12/09	JWG0900695	
Fluoranthene	ND	U	5.7	0.75	1	02/26/09	03/12/09	JWG0900695	
Pyrene	ND	U	5.7	0.96	1	02/26/09	03/12/09	JWG0900695	
Benz(a)anthracene	ND	U	5.7	0.98	1	02/26/09	03/12/09	JWG0900695	
Chrysene	ND	U	5.7	0.99	1	02/26/09	03/12/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.7	0.99	1	02/26/09	03/12/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.7	0.62	1	02/26/09	03/12/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.7	0.72	1	02/26/09	03/12/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.63	1	02/26/09	03/12/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.7	0.71	1	02/26/09	03/12/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/26/09	03/12/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-4-022309
Lab Code: J0900908-013

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/12/09	Acceptable
Phenol-d6	15	10-51	03/12/09	Acceptable
Nitrobenzene-d5	71	32-106	03/12/09	Acceptable
2-Fluorobiphenyl	70	30-102	03/12/09	Acceptable
2,4,6-Tribromophenol	85	30-143	03/12/09	Acceptable
Terphenyl-d14	85	23-165	03/12/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-3-022309
Lab Code: J0900908-014

Extraction Method: EPA 3510C
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	6.0	0.50	1	02/26/09	03/04/09	JWG0900695	
2-Methylphenol	ND	U	6.0	0.77	1	02/26/09	03/04/09	JWG0900695	
4-Methylphenol†	ND	U	6.0	0.92	1	02/26/09	03/04/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
Naphthalene	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/26/09	03/04/09	JWG0900695	
Acenaphthylene	ND	U	6.0	0.70	1	02/26/09	03/04/09	JWG0900695	
Acenaphthene	ND	U	6.0	1.2	1	02/26/09	03/04/09	JWG0900695	
Dibenzofuran	ND	U	6.0	0.95	1	02/26/09	03/04/09	JWG0900695	
Fluorene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Pentachlorophenol	ND	U	24	0.80	1	02/26/09	03/04/09	JWG0900695	
Phenanthrene	ND	U	6.0	0.84	1	02/26/09	03/04/09	JWG0900695	
Anthracene	ND	U	6.0	0.85	1	02/26/09	03/04/09	JWG0900695	
Carbazole	ND	U	6.0	0.89	1	02/26/09	03/04/09	JWG0900695	
Fluoranthene	ND	U	6.0	0.79	1	02/26/09	03/04/09	JWG0900695	
Pyrene	ND	U	6.0	1.0	1	02/26/09	03/04/09	JWG0900695	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Chrysene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/26/09	03/04/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/26/09	03/04/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/26/09	03/04/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/26/09	03/04/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/26/09	03/04/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/24/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW14B-3-022309
Lab Code: J0900908-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/04/09	Acceptable
Phenol-d6	13	10-51	03/04/09	Acceptable
Nitrobenzene-d5	52	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	59	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	75	30-143	03/04/09	Acceptable
Terphenyl-d14	84	23-165	03/04/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-3-022309
Lab Code: J0900908-015

Extraction Method: EPA 3510C
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	6.1	0.52	1	02/26/09	03/12/09	JWG0900695	
2-Methylphenol	ND	U	6.1	0.79	1	02/26/09	03/12/09	JWG0900695	
4-Methylphenol†	ND	U	6.1	0.94	1	02/26/09	03/12/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.1	0.97	1	02/26/09	03/12/09	JWG0900695	
Naphthalene	ND	U	6.1	0.97	1	02/26/09	03/12/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.1	0.91	1	02/26/09	03/12/09	JWG0900695	
Acenaphthylene	ND	U	6.1	0.71	1	02/26/09	03/12/09	JWG0900695	
Acenaphthene	ND	U	6.1	1.3	1	02/26/09	03/12/09	JWG0900695	
Dibenzofuran	ND	U	6.1	0.97	1	02/26/09	03/12/09	JWG0900695	
Fluorene	ND	U	6.1	1.1	1	02/26/09	03/12/09	JWG0900695	
Pentachlorophenol	ND	U	25	0.82	1	02/26/09	03/12/09	JWG0900695	
Phenanthrene	ND	U	6.1	0.86	1	02/26/09	03/12/09	JWG0900695	
Anthracene	ND	U	6.1	0.87	1	02/26/09	03/12/09	JWG0900695	
Carbazole	ND	U	6.1	0.91	1	02/26/09	03/12/09	JWG0900695	
Fluoranthene	ND	U	6.1	0.81	1	02/26/09	03/12/09	JWG0900695	
Pyrene	ND	U	6.1	1.1	1	02/26/09	03/12/09	JWG0900695	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/26/09	03/12/09	JWG0900695	
Chrysene	ND	U	6.1	1.1	1	02/26/09	03/12/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.1	1.1	1	02/26/09	03/12/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/26/09	03/12/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.1	0.77	1	02/26/09	03/12/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.68	1	02/26/09	03/12/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.1	0.76	1	02/26/09	03/12/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.1	1.2	1	02/26/09	03/12/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-3-022309
Lab Code: J0900908-015

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/12/09	Acceptable
Phenol-d6	16	10-51	03/12/09	Acceptable
Nitrobenzene-d5	71	32-106	03/12/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/12/09	Acceptable
2,4,6-Tribromophenol	92	30-143	03/12/09	Acceptable
Terphenyl-d14	94	23-165	03/12/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-2-022309
Lab Code: J0900908-016

Extraction Method: EPA 3510C
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	6.0	0.50	1	02/26/09	03/12/09	JWG0900695	
2-Methylphenol	ND	U	6.0	0.77	1	02/26/09	03/12/09	JWG0900695	
4-Methylphenol†	ND	U	6.0	0.92	1	02/26/09	03/12/09	JWG0900695	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/26/09	03/12/09	JWG0900695	
Naphthalene	ND	U	6.0	0.95	1	02/26/09	03/12/09	JWG0900695	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/26/09	03/12/09	JWG0900695	
Acenaphthylene	ND	U	6.0	0.70	1	02/26/09	03/12/09	JWG0900695	
Acenaphthene	ND	U	6.0	1.2	1	02/26/09	03/12/09	JWG0900695	
Dibenzofuran	ND	U	6.0	0.95	1	02/26/09	03/12/09	JWG0900695	
Fluorene	ND	U	6.0	1.1	1	02/26/09	03/12/09	JWG0900695	
Pentachlorophenol	ND	U	24	0.80	1	02/26/09	03/12/09	JWG0900695	
Phenanthrene	ND	U	6.0	0.84	1	02/26/09	03/12/09	JWG0900695	
Anthracene	ND	U	6.0	0.85	1	02/26/09	03/12/09	JWG0900695	
Carbazole	ND	U	6.0	0.89	1	02/26/09	03/12/09	JWG0900695	
Fluoranthene	ND	U	6.0	0.79	1	02/26/09	03/12/09	JWG0900695	
Pyrene	ND	U	6.0	1.0	1	02/26/09	03/12/09	JWG0900695	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/26/09	03/12/09	JWG0900695	
Chrysene	ND	U	6.0	1.1	1	02/26/09	03/12/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	6.0	1.1	1	02/26/09	03/12/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/26/09	03/12/09	JWG0900695	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/26/09	03/12/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/26/09	03/12/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/26/09	03/12/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/26/09	03/12/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-2-022309
Lab Code: J0900908-016

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/12/09	Acceptable
Phenol-d6	14	10-51	03/12/09	Acceptable
Nitrobenzene-d5	64	32-106	03/12/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/12/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/12/09	Acceptable
Terphenyl-d14	87	23-165	03/12/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-1-022309
Lab Code: J0900908-017

Extraction Method: EPA 3510C
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	5.2	0.44	1	02/26/09	03/13/09	JWG0900695	
2-Methylphenol	ND	U	5.2	0.66	1	02/26/09	03/13/09	JWG0900695	
4-Methylphenol†	ND	U	5.2	0.80	1	02/26/09	03/13/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900695	
Naphthalene	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.2	0.77	1	02/26/09	03/13/09	JWG0900695	
Acenaphthylene	ND	U	5.2	0.60	1	02/26/09	03/13/09	JWG0900695	
Acenaphthene	ND	U	5.2	1.1	1	02/26/09	03/13/09	JWG0900695	
Dibenzofuran	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900695	
Fluorene	ND	U	5.2	0.91	1	02/26/09	03/13/09	JWG0900695	
Pentachlorophenol	ND	U	21	0.70	1	02/26/09	03/13/09	JWG0900695	
Phenanthrene	ND	U	5.2	0.73	1	02/26/09	03/13/09	JWG0900695	
Anthracene	ND	U	5.2	0.74	1	02/26/09	03/13/09	JWG0900695	
Carbazole	ND	U	5.2	0.77	1	02/26/09	03/13/09	JWG0900695	
Fluoranthene	ND	U	5.2	0.69	1	02/26/09	03/13/09	JWG0900695	
Pyrene	ND	U	5.2	0.87	1	02/26/09	03/13/09	JWG0900695	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/26/09	03/13/09	JWG0900695	
Chrysene	ND	U	5.2	0.90	1	02/26/09	03/13/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.2	0.90	1	02/26/09	03/13/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/26/09	03/13/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/26/09	03/13/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/26/09	03/13/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/26/09	03/13/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/26/09	03/13/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22C-1-022309
Lab Code: J0900908-017

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/13/09	Acceptable
Phenol-d6	13	10-51	03/13/09	Acceptable
Nitrobenzene-d5	63	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	84	30-143	03/13/09	Acceptable
Terphenyl-d14	79	23-165	03/13/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW15B-4-022309
Lab Code: J0900908-018

Extraction Method: EPA 3510C
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	5.6	0.47	1	02/26/09	03/13/09	JWG0900695	
2-Methylphenol	ND	U	5.6	0.72	1	02/26/09	03/13/09	JWG0900695	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/13/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900695	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/13/09	JWG0900695	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900695	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/13/09	JWG0900695	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/13/09	JWG0900695	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/13/09	JWG0900695	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/13/09	JWG0900695	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900695	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/13/09	JWG0900695	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/13/09	JWG0900695	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/13/09	JWG0900695	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/13/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/13/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/13/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/13/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW15B-4-022309
Lab Code: J0900908-018

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/13/09	Acceptable
Phenol-d6	14	10-51	03/13/09	Acceptable
Nitrobenzene-d5	62	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/13/09	Acceptable
Terphenyl-d14	75	23-165	03/13/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99A-022309
Lab Code: J0900908-019

Extraction Method: EPA 3510C
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	5.6	0.47	1	02/26/09	03/13/09	JWG0900695	
2-Methylphenol	ND	U	5.6	0.72	1	02/26/09	03/13/09	JWG0900695	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/13/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900695	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/13/09	JWG0900695	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900695	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900695	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/13/09	JWG0900695	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/13/09	JWG0900695	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/13/09	JWG0900695	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/13/09	JWG0900695	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900695	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/13/09	JWG0900695	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/13/09	JWG0900695	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/13/09	JWG0900695	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/13/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/13/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/13/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/13/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99A-022309
Lab Code: J0900908-019

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	23	10-77	03/13/09	Acceptable
Phenol-d6	12	10-51	03/13/09	Acceptable
Nitrobenzene-d5	53	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	78	30-143	03/13/09	Acceptable
Terphenyl-d14	77	23-165	03/13/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900695-1

Extraction Method: EPA 3510C
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	5.0	0.42	1	02/26/09	03/03/09	JWG0900695	
2-Methylphenol	ND	U	5.0	0.64	1	02/26/09	03/03/09	JWG0900695	
4-Methylphenol†	ND	U	5.0	0.77	1	02/26/09	03/03/09	JWG0900695	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	02/26/09	03/03/09	JWG0900695	
Naphthalene	ND	U	5.0	0.79	1	02/26/09	03/03/09	JWG0900695	
2-Methylnaphthalene	ND	U	5.0	0.74	1	02/26/09	03/03/09	JWG0900695	
Acenaphthylene	ND	U	5.0	0.58	1	02/26/09	03/03/09	JWG0900695	
Acenaphthene	ND	U	5.0	0.99	1	02/26/09	03/03/09	JWG0900695	
Dibenzofuran	ND	U	5.0	0.79	1	02/26/09	03/03/09	JWG0900695	
Fluorene	ND	U	5.0	0.88	1	02/26/09	03/03/09	JWG0900695	
Pentachlorophenol	ND	U	20	0.67	1	02/26/09	03/03/09	JWG0900695	
Phenanthrene	ND	U	5.0	0.70	1	02/26/09	03/03/09	JWG0900695	
Anthracene	ND	U	5.0	0.71	1	02/26/09	03/03/09	JWG0900695	
Carbazole	ND	U	5.0	0.74	1	02/26/09	03/03/09	JWG0900695	
Fluoranthene	ND	U	5.0	0.66	1	02/26/09	03/03/09	JWG0900695	
Pyrene	ND	U	5.0	0.84	1	02/26/09	03/03/09	JWG0900695	
Benz(a)anthracene	ND	U	5.0	0.86	1	02/26/09	03/03/09	JWG0900695	
Chrysene	ND	U	5.0	0.87	1	02/26/09	03/03/09	JWG0900695	
Benzo(b)fluoranthene	ND	U	5.0	0.87	1	02/26/09	03/03/09	JWG0900695	
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	02/26/09	03/03/09	JWG0900695	
Benzo(a)pyrene	ND	U	5.0	0.63	1	02/26/09	03/03/09	JWG0900695	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	02/26/09	03/03/09	JWG0900695	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	02/26/09	03/03/09	JWG0900695	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	02/26/09	03/03/09	JWG0900695	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900695-1

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	9	10-77	03/03/09	Outside Control Limits
Phenol-d6	14	10-51	03/03/09	Acceptable
Nitrobenzene-d5	80	32-106	03/03/09	Acceptable
2-Fluorobiphenyl	82	30-102	03/03/09	Acceptable
2,4,6-Tribromophenol	26	30-143	03/03/09	Outside Control Limits
Terphenyl-d14	103	23-165	03/03/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1		Sur2	Sur3	Sur4	Sur5		Sur6
FW18B-03-022309	J0900908-001	26		14	53	59	74		81
FW18B-04-022309	J0900908-002	31		15	57	63	80		85
FW18B-02-022309	J0900908-003	26		13	50	57	77		82
FW18B-01-022309	J0900908-004	28		14	56	64	80		76
FW4C-02-022309	J0900908-005	22		13	51	57	64		79
FW4C-03-022309	J0900908-006	30		16	58	65	81		91
FW4C-01-022309	J0900908-007	23		13	54	63	73		83
FW99B-022309	J0900908-008	27		13	58	69	81		95
FW24C-01-022309	J0900908-009	29		16	55	64	76		85
FW24C-02-022309	J0900908-010	28		15	56	64	78		85
FW14B-1-022309	J0900908-011	16		12	54	63	52		86
FW14B-2-022309	J0900908-012	24		13	52	58	70		78
FW14B-4-022309	J0900908-013	28		15	71	70	85		85
FW14B-3-022309	J0900908-014	26		13	52	59	75		84
FW22C-3-022309	J0900908-015	32		16	71	71	92		94
FW22C-2-022309	J0900908-016	27		14	64	65	82		87
FW22C-1-022309	J0900908-017	26		13	63	65	84		79
FW15B-4-022309	J0900908-018	28		14	62	63	82		75
FW99A-022309	J0900908-019	23		12	53	56	78		77
Method Blank	JWG0900695-1	9	#	14	80	82	26	#	103
FW14B-3-022309DMS	JWG0900695-2	30		16	62	70	89		77
FW14B-3-022309MS	JWG0900695-4	30		16	65	73	91		85
Lab Control Sample	JWG0900695-3	41		21	83	91	98		94

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-143
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/03/2009
Time Analyzed: 16:41

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900747-2
Analysis Lot: JWG0900747
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	874,010	4.85	2,854,365	5.97	1,786,070	8.17
	Upper Limit ==>	1,748,020	5.35	5,708,730	6.47	3,572,140	8.67
	Lower Limit ==>	437,005	4.35	1,427,183	5.47	893,035	7.67
	ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses							
Method Blank	JWG0900695-1	742,125	4.84	2,643,971	5.96	1,798,506	8.17
Lab Control Sample	JWG0900695-3	834,840	4.86	2,819,339	5.97	1,796,357	8.17

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/03/2009
Time Analyzed: 16:41

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900747-2
Analysis Lot: JWG0900747
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	2,529,422	10.38	2,571,502	14.61	2,142,433	16.75
	Upper Limit ==>	5,058,844	10.88	5,143,004	15.11	4,284,866	17.25
	Lower Limit ==>	1,264,711	9.88	1,285,751	14.11	1,071,217	16.25
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
Method Blank	JWG0900695-1	2,822,771	10.38	2,336,821	14.60	2,030,334	16.73
Lab Control Sample	JWG0900695-3	2,709,008	10.38	2,510,494	14.61	2,044,140	16.75

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/04/2009
Time Analyzed: 13:12

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900761-2
Analysis Lot: JWG0900761
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	979,458	4.86	3,181,869	5.98	2,102,929	8.19
	Upper Limit ==>	1,958,916	5.36	6,363,738	6.48	4,205,858	8.69
	Lower Limit ==>	489,729	4.36	1,590,935	5.48	1,051,465	7.69
	ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses							
FW14B-3-022309	J0900908-014	995,216	4.84	3,403,005	5.96	2,344,304	8.16
FW14B-3-022309MS	JWG0900695-4	1,018,570	4.85	3,329,753	5.97	2,083,068	8.17
FW14B-3-022309DMS	JWG0900695-2	1,047,624	4.84	3,394,963	5.96	2,160,896	8.17
FW18B-03-022309	J0900908-001	806,142	4.84	2,683,494	5.96	1,815,404	8.17
FW18B-04-022309	J0900908-002	876,588	4.84	3,064,719	5.96	2,056,746	8.16
FW18B-02-022309	J0900908-003	988,363	4.84	3,386,194	5.96	2,280,610	8.16
FW18B-01-022309	J0900908-004	933,076	4.85	3,233,060	5.97	2,136,994	8.16
FW4C-02-022309	J0900908-005	995,584	4.85	3,501,596	5.97	2,431,412	8.16
FW4C-03-022309	J0900908-006	892,450	4.84	3,048,814	5.96	2,019,245	8.17
FW4C-01-022309	J0900908-007	957,648	4.84	3,255,696	5.96	2,194,930	8.17
FW99B-022309	J0900908-008	1,025,083	4.85	3,529,772	5.97	2,342,413	8.17
FW24C-01-022309	J0900908-009	1,064,272	4.85	3,707,059	5.97	2,485,653	8.17
FW24C-02-022309	J0900908-010	926,484	4.84	3,168,435	5.96	2,125,316	8.17
FW14B-1-022309	J0900908-011	982,194	4.85	3,312,541	5.97	2,185,311	8.16
FW14B-2-022309	J0900908-012	947,333	4.84	3,199,187	5.97	2,097,406	8.17

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/04/2009
Time Analyzed: 13:12

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900761-2
Analysis Lot: JWG0900761
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,062,531	10.38	2,836,028	14.61	2,267,041	16.75
	Upper Limit ==>	6,125,062	10.88	5,672,056	15.11	4,534,082	17.25
	Lower Limit ==>	1,531,266	9.88	1,418,014	14.11	1,133,521	16.25
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
FW14B-3-022309	J0900908-014	3,536,899	10.36	2,567,374	14.59	2,139,734	16.73
FW14B-3-022309MS	JWG0900695-4	2,972,291	10.38	2,487,808	14.60	1,978,289	16.74
FW14B-3-022309DMS	JWG0900695-2	2,990,192	10.38	2,494,232	14.60	1,887,312	16.73
FW18B-03-022309	J0900908-001	2,707,543	10.38	1,994,324	14.59	1,727,283	16.73
FW18B-04-022309	J0900908-002	3,086,087	10.38	2,322,836	14.60	1,946,215	16.73
FW18B-02-022309	J0900908-003	3,373,569	10.37	2,483,318	14.59	2,119,815	16.74
FW18B-01-022309	J0900908-004	3,248,764	10.37	2,441,005	14.60	2,112,594	16.74
FW4C-02-022309	J0900908-005	3,759,699	10.38	2,762,373	14.60	2,262,382	16.74
FW4C-03-022309	J0900908-006	2,976,254	10.38	2,295,195	14.60	2,018,289	16.73
FW4C-01-022309	J0900908-007	3,331,747	10.38	2,401,088	14.60	1,974,770	16.73
FW99B-022309	J0900908-008	3,572,729	10.38	2,577,909	14.59	2,105,397	16.74
FW24C-01-022309	J0900908-009	3,637,569	10.38	2,536,318	14.60	2,134,540	16.74
FW24C-02-022309	J0900908-010	3,132,406	10.38	2,236,976	14.60	1,912,679	16.73
FW14B-1-022309	J0900908-011	3,250,980	10.37	2,384,731	14.59	2,096,686	16.74
FW14B-2-022309	J0900908-012	3,114,239	10.38	2,185,263	14.60	1,833,984	16.73

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/12/2009
Time Analyzed: 20:54

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900863-2
Analysis Lot: JWG0900863
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,256,874	7.66	3,883,817	9.58	2,658,131	13.01
	Upper Limit ==>	2,513,748	8.16	7,767,634	10.08	5,316,262	13.51
	Lower Limit ==>	628,437	7.16	1,941,909	9.08	1,329,066	12.51
	ICAL Result ==>	1,246,623	7.68	3,962,848	9.59	2,660,205	13.04
Associated Analyses							
FW14B-4-022309	J0900908-013	1,298,485	7.65	4,115,300	9.56	2,912,084	12.99
FW22C-3-022309	J0900908-015	1,375,531	7.66	4,483,754	9.57	3,055,478	13.00
FW22C-2-022309	J0900908-016	1,232,822	7.65	3,915,780	9.57	2,704,586	12.99
FW22C-1-022309	J0900908-017	1,668,454	7.66	5,533,644	9.57	3,798,061	13.00
FWI5B-4-022309	J0900908-018	1,237,161	7.66	3,975,248	9.57	2,722,429	13.00
FW99A-022309	J0900908-019	1,818,817	7.66	5,984,345	9.57	4,138,212	13.00

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/12/2009
Time Analyzed: 20:54

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900863-2
Analysis Lot: JWG0900863
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	4,008,692	16.31	3,014,107	21.93	2,969,644	24.24
	Upper Limit ==>	8,017,384	16.81	6,028,214	22.43	5,939,288	24.74
	Lower Limit ==>	2,004,346	15.81	1,507,054	21.43	1,484,822	23.74
	ICAL Result ==>	3,840,036	16.33	2,852,364	21.96	2,567,500	24.26
Associated Analyses							
FW14B-4-022309	J0900908-013	4,831,502	16.30	3,518,093	21.92	3,343,970	24.23
FW22C-3-022309	J0900908-015	4,895,179	16.29	3,626,762	21.92	3,470,255	24.24
FW22C-2-022309	J0900908-016	4,404,070	16.30	3,377,501	21.93	3,399,934	24.24
FW22C-1-022309	J0900908-017	6,120,919	16.30	4,410,148	21.92	4,115,358	24.24
FW15B-4-022309	J0900908-018	4,374,563	16.29	3,532,819	21.92	3,332,096	24.23
FW99A-022309	J0900908-019	6,631,723	16.30	4,620,552	21.93	4,207,345	24.24

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 03/04/2009

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

Sample Name: FW14B-3-022309
Lab Code: J0900908-014

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low
Extraction Lot: JWG0900695

Analyte Name	Sample Result	FW14B-3-022309MS JWG0900695-4 Matrix Spike			FW14B-3-022309DMS JWG0900695-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	ND	13.1	60.2	22	12.4	61.0	20	10-70	6	30
2-Methylphenol	ND	30.7	60.2	51	29.2	61.0	48	32-96	5	30
4-Methylphenol	ND	64.5	90.4	71	61.9	91.5	68	12-106	4	30
2,4-Dimethylphenol	ND	38.0	60.2	63	38.0	61.0	62	35-88	0	30
Naphthalene	ND	39.3	60.2	65	37.9	61.0	62	41-93	4	30
2-Methylnaphthalene	ND	39.2	60.2	65	38.1	61.0	63	48-91	3	30
Acenaphthylene	ND	42.8	60.2	71	41.2	61.0	68	46-95	4	30
Acenaphthene	ND	44.6	60.2	74	44.2	61.0	73	48-96	1	30
Dibenzofuran	ND	45.4	60.2	75	44.7	61.0	73	49-101	2	30
Fluorene	ND	46.6	60.2	77	45.4	61.0	74	54-95	3	30
Pentachlorophenol	ND	35.1	60.2	58	47.9	61.0	79	18-141	31 *	30
Phenanthrene	ND	43.2	60.2	72	45.6	61.0	75	49-95	5	30
Anthracene	ND	45.8	60.2	76	43.8	61.0	72	50-101	4	30
Carbazole	ND	45.6	60.2	76	42.3	61.0	69	52-126	7	30
Fluoranthene	ND	43.2	60.2	72	40.4	61.0	66	48-103	7	30
Pyrene	ND	49.9	60.2	83	46.3	61.0	76	49-103	8	30
Benz(a)anthracene	ND	50.5	60.2	84	44.8	61.0	73	40-104	12	30
Chrysene	ND	43.2	60.2	72	38.8	61.0	64	47-105	11	30
Benzo(b)fluoranthene	ND	38.9	60.2	65	36.6	61.0	60	54-105	6	30
Benzo(k)fluoranthene	ND	46.2	60.2	77	41.4	61.0	68	50-101	11	30
Benzo(a)pyrene	ND	39.5	60.2	66	35.5	61.0	58	48-100	11	30
Indeno(1,2,3-cd)pyrene	ND	47.5	60.2	79	43.1	61.0	71	50-115	10	30
Dibenz(a,h)anthracene	ND	45.4	60.2	75	40.3	61.0	66	44-124	12	30
Benzo(g,h,i)perylene	ND	49.3	60.2	82	43.8	61.0	72	51-114	12	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 03/03/2009

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900695

	Lab Control Sample JWG0900695-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Phenol	13.2	50.0	26	12-54
2-Methylphenol	34.2	50.0	68	21-100
4-Methylphenol	70.4	75.0	94	15-95
2,4-Dimethylphenol	40.2	50.0	80	38-110
Naphthalene	37.3	50.0	75	40-97
2-Methylnaphthalene	38.2	50.0	76	46-110
Acenaphthylene	44.0	50.0	88	45-99
Acenaphthene	47.1	50.0	94	42-106
Dibenzofuran	47.6	50.0	95	49-103
Fluorene	47.0	50.0	94	54-97
Pentachlorophenol	50.5	50.0	101	35-120
Phenanthrene	42.6	50.0	85	49-110
Anthracene	45.5	50.0	91	50-104
Carbazole	45.3	50.0	91	48-118
Fluoranthene	43.8	50.0	88	48-110
Pyrene	46.3	50.0	93	35-110
Benz(a)anthracene	48.9	50.0	98	42-114
Chrysene	40.1	50.0	80	50-113
Benzo(b)fluoranthene	31.0	50.0	62	56-110
Benzo(k)fluoranthene	48.4	50.0	97	48-110
Benzo(a)pyrene	35.5	50.0	71	46-110
Indeno(1,2,3-cd)pyrene	43.8	50.0	88	54-115
Dibenz(a,h)anthracene	42.5	50.0	85	51-125
Benzo(g,h,i)perylene	43.0	50.0	86	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 03/03/2009
Time Analyzed: 19:40

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900695-1

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C03\0303-22.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900695

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900695-3	J:\MS01\DATA\MS019C03\0303-23.D	03/03/09	20:09
FW14B-3-022309	J0900908-014	J:\MS01\DATA\MS019C04\0304-09.D	03/04/09	16:27
FW14B-3-022309MS	JWG0900695-4	J:\MS01\DATA\MS019C04\0304-10.D	03/04/09	16:57
FW14B-3-022309DMS	JWG0900695-2	J:\MS01\DATA\MS019C04\0304-11.D	03/04/09	17:27
FW18B-03-022309	J0900908-001	J:\MS01\DATA\MS019C04\0304-14.D	03/04/09	18:56
FW18B-04-022309	J0900908-002	J:\MS01\DATA\MS019C04\0304-15.D	03/04/09	19:26
FW18B-02-022309	J0900908-003	J:\MS01\DATA\MS019C04\0304-16.D	03/04/09	19:56
FW18B-01-022309	J0900908-004	J:\MS01\DATA\MS019C04\0304-17.D	03/04/09	20:25
FW4C-02-022309	J0900908-005	J:\MS01\DATA\MS019C04\0304-18.D	03/04/09	20:55
FW4C-03-022309	J0900908-006	J:\MS01\DATA\MS019C04\0304-19.D	03/04/09	21:24
FW4C-01-022309	J0900908-007	J:\MS01\DATA\MS019C04\0304-20.D	03/04/09	21:54
FW99B-022309	J0900908-008	J:\MS01\DATA\MS019C04\0304-21.D	03/04/09	22:23
FW24C-01-022309	J0900908-009	J:\MS01\DATA\MS019C04\0304-22.D	03/04/09	22:52
FW24C-02-022309	J0900908-010	J:\MS01\DATA\MS019C04\0304-23.D	03/04/09	23:21
FW14B-1-022309	J0900908-011	J:\MS01\DATA\MS019C04\0304-24.D	03/04/09	23:51
FW14B-2-022309	J0900908-012	J:\MS01\DATA\MS019C04\0304-25.D	03/05/09	00:20
FW14B-4-022309	J0900908-013	J:\MS01\DATA\MS019C12\0312-03.D	03/12/09	22:12
FW22C-3-022309	J0900908-015	J:\MS01\DATA\MS019C12\0312-04.D	03/12/09	22:50
FW22C-2-022309	J0900908-016	J:\MS01\DATA\MS019C12\0312-05.D	03/12/09	23:29
FW22C-1-022309	J0900908-017	J:\MS01\DATA\MS019C12\0312-06.D	03/13/09	00:08
FW15B-4-022309	J0900908-018	J:\MS01\DATA\MS019C12\0312-07.D	03/13/09	00:46
FW99A-022309	J0900908-019	J:\MS01\DATA\MS019C12\0312-08.D	03/13/09	01:25

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009
Date Analyzed: 03/03/2009
Time Analyzed: 20:09

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

Sample Name: Lab Control Sample
Lab Code: JWG0900695-3

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C03\0303-23.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900695

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900695-1	J:\MS01\DATA\MS019C03\0303-22.D	03/03/09	19:40
FW14B-3-022309	J0900908-014	J:\MS01\DATA\MS019C04\0304-09.D	03/04/09	16:27
FW14B-3-022309MS	JWG0900695-4	J:\MS01\DATA\MS019C04\0304-10.D	03/04/09	16:57
FW14B-3-022309DMS	JWG0900695-2	J:\MS01\DATA\MS019C04\0304-11.D	03/04/09	17:27
FW18B-03-022309	J0900908-001	J:\MS01\DATA\MS019C04\0304-14.D	03/04/09	18:56
FW18B-04-022309	J0900908-002	J:\MS01\DATA\MS019C04\0304-15.D	03/04/09	19:26
FW18B-02-022309	J0900908-003	J:\MS01\DATA\MS019C04\0304-16.D	03/04/09	19:56
FW18B-01-022309	J0900908-004	J:\MS01\DATA\MS019C04\0304-17.D	03/04/09	20:25
FW4C-02-022309	J0900908-005	J:\MS01\DATA\MS019C04\0304-18.D	03/04/09	20:55
FW4C-03-022309	J0900908-006	J:\MS01\DATA\MS019C04\0304-19.D	03/04/09	21:24
FW4C-01-022309	J0900908-007	J:\MS01\DATA\MS019C04\0304-20.D	03/04/09	21:54
FW99B-022309	J0900908-008	J:\MS01\DATA\MS019C04\0304-21.D	03/04/09	22:23
FW24C-01-022309	J0900908-009	J:\MS01\DATA\MS019C04\0304-22.D	03/04/09	22:52
FW24C-02-022309	J0900908-010	J:\MS01\DATA\MS019C04\0304-23.D	03/04/09	23:21
FW14B-1-022309	J0900908-011	J:\MS01\DATA\MS019C04\0304-24.D	03/04/09	23:51
FW14B-2-022309	J0900908-012	J:\MS01\DATA\MS019C04\0304-25.D	03/05/09	00:20
FW14B-4-022309	J0900908-013	J:\MS01\DATA\MS019C12\0312-03.D	03/12/09	22:12
FW22C-3-022309	J0900908-015	J:\MS01\DATA\MS019C12\0312-04.D	03/12/09	22:50
FW22C-2-022309	J0900908-016	J:\MS01\DATA\MS019C12\0312-05.D	03/12/09	23:29
FW22C-1-022309	J0900908-017	J:\MS01\DATA\MS019C12\0312-06.D	03/13/09	00:08
FW15B-4-022309	J0900908-018	J:\MS01\DATA\MS019C12\0312-07.D	03/13/09	00:46
FW99A-022309	J0900908-019	J:\MS01\DATA\MS019C12\0312-08.D	03/13/09	01:25

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/03/2009
Time Analyzed: 16:24

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\0303-15B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900747

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	36.8	27010	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	31.3	22985	PASS
70	69	0	2	0.3	76	PASS
127	198	40	60	42.3	31022	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	73384	PASS
199	198	5	9	6.6	4858	PASS
275	198	10	30	21.5	15777	PASS
365	198	1	100	2.9	2104	PASS
441	443	0	100	89.7	6518	PASS
442	198	40	200	53.5	39262	PASS
443	442	17	23	18.5	7264	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900747-2	J:\MS01\DATA\MS019C03\0303-16.	03/03/2009	16:41	
Method Blank	JWG0900695-1	J:\MS01\DATA\MS019C03\0303-22.	03/03/2009	19:40	
Lab Control Sample	JWG0900695-3	J:\MS01\DATA\MS019C03\0303-23.	03/03/2009	20:09	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/04/2009
Time Analyzed: 12:55

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-02B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900761

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	40.6	84720	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	32.2	67176	PASS
70	69	0	2	0.9	572	PASS
127	198	40	60	42.2	88072	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	208832	PASS
199	198	5	9	6.7	13999	PASS
275	198	10	30	19.6	40992	PASS
365	198	1	100	2.3	4720	PASS
441	443	0	100	84.9	12354	PASS
442	198	40	200	40.1	83736	PASS
443	442	17	23	17.4	14550	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900761-2	J:\MS01\DATA\MS019C04\0304-03B	03/04/2009	13:12	
FW14B-3-022309	J0900908-014	J:\MS01\DATA\MS019C04\0304-09.	03/04/2009	16:27	
FW14B-3-022309MS	JWG0900695-4	J:\MS01\DATA\MS019C04\0304-10.	03/04/2009	16:57	
FW14B-3-022309DMS	JWG0900695-2	J:\MS01\DATA\MS019C04\0304-11.	03/04/2009	17:27	
FW18B-03-022309	J0900908-001	J:\MS01\DATA\MS019C04\0304-14.	03/04/2009	18:56	
FW18B-04-022309	J0900908-002	J:\MS01\DATA\MS019C04\0304-15.	03/04/2009	19:26	
FW18B-02-022309	J0900908-003	J:\MS01\DATA\MS019C04\0304-16.	03/04/2009	19:56	
FW18B-01-022309	J0900908-004	J:\MS01\DATA\MS019C04\0304-17.	03/04/2009	20:25	
FW4C-02-022309	J0900908-005	J:\MS01\DATA\MS019C04\0304-18.	03/04/2009	20:55	
FW4C-03-022309	J0900908-006	J:\MS01\DATA\MS019C04\0304-19.	03/04/2009	21:24	
FW4C-01-022309	J0900908-007	J:\MS01\DATA\MS019C04\0304-20.	03/04/2009	21:54	
FW99B-022309	J0900908-008	J:\MS01\DATA\MS019C04\0304-21.	03/04/2009	22:23	
FW24C-01-022309	J0900908-009	J:\MS01\DATA\MS019C04\0304-22.	03/04/2009	22:52	
FW24C-02-022309	J0900908-010	J:\MS01\DATA\MS019C04\0304-23.	03/04/2009	23:21	
FW14B-1-022309	J0900908-011	J:\MS01\DATA\MS019C04\0304-24.	03/04/2009	23:51	
FW14B-2-022309	J0900908-012	J:\MS01\DATA\MS019C04\0304-25.	03/05/2009	00:20	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/12/2009
Time Analyzed: 20:36

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\0312-01.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900863

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	52.3	98248	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	50.5	94808	PASS
70	69	0	2	1.4	1302	PASS
127	198	40	60	42.3	79408	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	187712	PASS
199	198	5	9	7.5	14056	PASS
275	198	10	30	24.6	46104	PASS
365	198	1	100	3.1	5742	PASS
441	443	0	100	88.5	20104	PASS
442	198	40	200	58.2	109264	PASS
443	442	17	23	20.8	22712	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900863-2	J:\MS01\DATA\MS019C12\0312-02.	03/12/2009	20:54	
FW14B-4-022309	J0900908-013	J:\MS01\DATA\MS019C12\0312-03.	03/12/2009	22:12	
FW22C-3-022309	J0900908-015	J:\MS01\DATA\MS019C12\0312-04.	03/12/2009	22:50	
FW22C-2-022309	J0900908-016	J:\MS01\DATA\MS019C12\0312-05.	03/12/2009	23:29	
FW22C-1-022309	J0900908-017	J:\MS01\DATA\MS019C12\0312-06.	03/13/2009	00:08	
FW15B-4-022309	J0900908-018	J:\MS01\DATA\MS019C12\0312-07.	03/13/2009	00:46	
FW99A-022309	J0900908-019	J:\MS01\DATA\MS019C12\0312-08.	03/13/2009	01:25	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.46	B	10	1.46	C	20	1.50	D	50	1.88	E	100	2.37
	F	200	2.08												
2-Methylphenol	A	5.0	1.23	B	10	1.15	C	20	1.16	D	50	1.31	E	100	1.52
	F	200	1.30												
4-Methylphenol	A	5.0	1.51	B	10	1.47	C	20	1.48	D	50	1.68	E	100	1.94
	F	200	1.70												
2,4-Dimethylphenol	A	5.0	0.349	B	10	0.336	C	20	0.352	D	50	0.412	E	100	0.407
	F	200	0.380												
Naphthalene	A	5.0	1.10	B	10	1.08	C	20	1.15	D	50	1.31	E	100	1.29
	F	200	1.03												
2-Methylnaphthalene	A	5.0	0.673	B	10	0.659	C	20	0.683	D	50	0.801	E	100	0.817
	F	200	0.794												
Acenaphthylene	A	5.0	1.76	B	10	1.76	C	20	1.86	D	50	2.25	E	100	2.18
	F	200	1.89												
‡ Acenaphthene	A	5.0	1.02	B	10	0.988	C	20	1.06	D	50	1.28	E	100	1.10
	F	200	0.992												
Dibenzofuran	A	5.0	1.58	B	10	1.51	C	20	1.60	D	50	1.87	E	100	1.71
	F	200	1.46												
Fluorene	A	5.0	1.29	B	10	1.28	C	20	1.36	D	50	1.55	E	100	1.47
	F	200	1.07												
‡ Pentachlorophenol	A	5.0	0.109	B	10	0.105	C	20	0.113	D	50	0.143	E	100	0.151
	F	200	0.163												
Phenanthrene	A	5.0	1.14	B	10	1.12	C	20	1.18	D	50	1.80	E	100	1.55
	F	200	1.30												
Anthracene	A	5.0	1.12	B	10	1.11	C	20	1.21	D	50	1.54	E	100	1.55
	F	200	1.15												
Carbazole	A	5.0	1.10	B	10	1.05	C	20	1.10	D	50	1.39	E	100	1.44
	F	200	1.26												

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	1.09	B	10	1.07	C	20	1.11	D	50	1.57	E	100	1.74
	F	200	1.38												
Pyrene	A	5.0	1.26	B	10	1.25	C	20	1.27	D	50	1.53	E	100	1.57
	F	200	1.41												
Benz(a)anthracene	A	5.0	1.04	B	10	1.04	C	20	1.13	D	50	1.59	E	100	1.39
	F	200	1.20												
Chrysene	A	5.0	0.993	B	10	0.983	C	20	1.04	D	50	1.29	E	100	1.39
	F	200	1.24												
Benzo(b)fluoranthene	A	5.0	0.875	B	10	0.920	C	20	1.14	D	50	1.40	E	100	2.07
	F	200	2.53												
Benzo(k)fluoranthene	A	5.0	1.38	B	10	1.31	C	20	1.28	D	50	1.88	E	100	1.92
‡ Benzo(a)pyrene	A	5.0	0.860	B	10	0.879	C	20	1.01	D	50	1.29	E	100	1.44
	F	200	1.46												
Indeno(1,2,3-cd)pyrene	A	5.0	0.992	B	10	1.00	C	20	1.12	D	50	1.38	E	100	1.55
	F	200	1.57												
Dibenz(a,h)anthracene	A	5.0	0.841	B	10	0.855	C	20	0.956	D	50	1.23	E	100	1.44
	F	200	1.42												
Benzo(g,h,i)perylene	A	5.0	0.875	B	10	0.860	C	20	0.924	D	50	1.08	E	100	1.13
	F	200	1.15												
2-Fluorophenol	A	5.0	1.44	B	10	1.38	C	20	1.39	D	50	1.56	E	100	1.75
	F	200	1.78												
Phenol-d6	A	5.0	1.67	B	10	1.60	C	20	1.66	D	50	1.99	E	100	2.34
	F	200	2.12												
Nitrobenzene-d5	A	5.0	0.275	B	10	0.266	C	20	0.290	D	50	0.359	E	100	0.432
	F	200	0.421												
2-Fluorobiphenyl	A	5.0	1.14	B	10	1.16	C	20	1.21	D	50	1.49	E	100	1.49
	F	200	1.45												
2,4,6-Tribromophenol	A	5.0	0.0747	B	10	0.0759	C	20	0.0769	D	50	0.0895	E	100	0.0884
	F	200	0.100												
Terphenyl-d14	A	5.0	0.672	B	10	0.654	C	20	0.694	D	50	0.848	E	100	0.965
	F	200	0.909												

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	21.4		≤ 30	1.79		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.6		≤ 30	1.28		0.01
4-Methylphenol	MS	AverageRF	% RSD	11.2		≤ 30	1.63		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	8.6		≤ 30	0.373		0.01
Naphthalene	MS	AverageRF	% RSD	9.7		≤ 30	1.16		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	9.9		≤ 30	0.738		0.01
Acenaphthylene	MS	AverageRF	% RSD	10.9		≤ 30	1.95		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	10.2		≤ 30	1.07		0.01
Dihenzofuran	MS	AverageRF	% RSD	9.1		≤ 30	1.62		0.01
Fluorene	MS	AverageRF	% RSD	12.7		≤ 30	1.34		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	19.0		≤ 30	0.131		0.01
Phenanthrene	MS	AverageRF	% RSD	20.2		≤ 30	1.35		0.01
Anthracene	MS	AverageRF	% RSD	16.3		≤ 30	1.28		0.01
Carbazole	MS	AverageRF	% RSD	13.4		≤ 30	1.22		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	21.5		≤ 30	1.32		0.01
Pyrene	MS	AverageRF	% RSD	10.5		≤ 30	1.38		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	17.8		≤ 30	1.23		0.01
Chrysene	MS	AverageRF	% RSD	15.1		≤ 30	1.16		0.01
Benzo(b)fluoranthene	MS	Quadratic	COD	0.999		≥ 0.990	1.49		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	20.4		≤ 30	1.55		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	23.6		≤ 30	1.16		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	20.9		≤ 30	1.27		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	24.6		≤ 30	1.12		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	13.2		≤ 30	1.00		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	11.4		≤ 30	1.55		0.01
Phenol-d6	SURR	AverageRF	% RSD	15.7		≤ 30	1.90		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	21.9		≤ 30	0.341		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	12.7		≤ 30	1.32		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	12.1		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	16.9		≤ 30	0.790		0.01

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† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/03/2009
Date Analyzed: 03/03/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1773
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\0303-12.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	1.79	1.68	-6	NA	± 30 %	AverageRF
2-Methylphenol	50	48	1.28	1.22	-4	NA	± 30 %	AverageRF
4-Methylphenol	50	49	1.63	1.59	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	48	0.373	0.358	-4	NA	± 30 %	AverageRF
Naphthalene	50	47	1.16	1.10	-6	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	47	0.738	0.700	-5	NA	± 30 %	AverageRF
Acenaphthylene	50	48	1.95	1.86	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.07	1.09	1	NA	± 30 %	AverageRF
Dibenzofuran	50	51	1.62	1.64	1	NA	± 30 %	AverageRF
Fluorene	50	48	1.34	1.29	-3	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	56	1.35	1.51	12	NA	± 30 %	AverageRF
Anthracene	50	47	1.28	1.21	-5	NA	± 30 %	AverageRF
Carbazole	50	47	1.22	1.15	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	47	1.38	1.30	-6	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.23	1.26	2	NA	± 30 %	AverageRF
Chrysene	50	45	1.16	1.03	-11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	36	1.49	1.26	NA	-28	± 30 %	Quadratic
Benzo(k)fluoranthene	50	49	1.55	1.53	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.16	1.13	-3	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	48	1.27	1.22	-4	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	1.12	1.06	-5	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	49	1.00	0.974	-3	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0932
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1779
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/03/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900747
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C03\0303-16.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	53	0.01	1.79	1.91	6	NA	± 20 %	AverageRF
2-Methylphenol	50	53	0.01	1.28	1.34	5	NA	± 30 %	AverageRF
4-Methylphenol	50	54	0.01	1.63	1.77	8	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	54	0.01	0.373	0.406	9	NA	± 30 %	AverageRF
Naphthalene	50	55	0.01	1.16	1.27	9	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	54	0.01	0.738	0.793	7	NA	± 30 %	AverageRF
Acenaphthylene	50	55	0.01	1.95	2.16	11	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.01	1.07	1.23	15	NA	± 20 %	AverageRF
Dibenzofuran	50	59	0.01	1.62	1.92	19	NA	± 30 %	AverageRF
Fluorene	50	58	0.01	1.34	1.54	15	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	55	0.01	0.131	0.144	10	NA	± 20 %	AverageRF
Phenanthrene	50	63	0.01	1.35	1.70	26	NA	± 30 %	AverageRF
Anthracene	50	58	0.01	1.28	1.47	15	NA	± 30 %	AverageRF
Carbazole	50	56	0.01	1.22	1.37	12	NA	± 30 %	AverageRF
‡ Fluoranthene	50	56	0.01	1.32	1.47	11	NA	± 20 %	AverageRF
Pyrene	50	57	0.01	1.38	1.58	14	NA	± 30 %	AverageRF
Benz(a)anthracene	50	63	0.01	1.23	1.56	26	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	1.16	1.20	4	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	45	0.01	1.49	1.60	NA	-10	± 30 %	Quadratic
Benzo(k)fluoranthene	50	50	0.01	1.55	1.56	0	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	56	0.01	1.16	1.29	11	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	55	0.01	1.27	1.40	10	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	55	0.01	1.12	1.24	10	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	54	0.01	1.00	1.09	8	NA	± 30 %	AverageRF
2-Fluorophenol	50	51	0.01	1.55	1.58	2	NA	± 30 %	AverageRF
Phenol-d6	50	54	0.01	1.90	2.05	8	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	55	0.01	0.341	0.376	11	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	56	0.01	1.32	1.47	11	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	51	0.01	0.0843	0.0863	2	NA	± 30 %	AverageRF
Terphenyl-d14	50	55	0.01	0.790	0.873	10	NA	± 30 %	AverageRF

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/04/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900761
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-03B.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	49	0.01	1.79	1.74	-3	NA	± 20 %	AverageRF
2-Methylphenol	50	49	0.01	1.28	1.25	-2	NA	± 30 %	AverageRF
4-Methylphenol	50	50	0.01	1.63	1.62	-1	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.01	0.373	0.368	-1	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	1.16	1.18	2	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	49	0.01	0.738	0.725	-2	NA	± 30 %	AverageRF
Acenaphthylene	50	49	0.01	1.95	1.92	-2	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	0.01	1.07	1.09	2	NA	± 20 %	AverageRF
Dibenzofuran	50	52	0.01	1.62	1.69	5	NA	± 30 %	AverageRF
Fluorene	50	51	0.01	1.34	1.36	2	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.01	0.131	0.119	-9	NA	± 20 %	AverageRF
Phenanthrene	50	55	0.01	1.35	1.48	10	NA	± 30 %	AverageRF
Anthracene	50	50	0.01	1.28	1.29	1	NA	± 30 %	AverageRF
Carbazole	50	49	0.01	1.22	1.19	-3	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	0.01	1.32	1.27	-4	NA	± 20 %	AverageRF
Pyrene	50	51	0.01	1.38	1.42	3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	56	0.01	1.23	1.39	13	NA	± 30 %	AverageRF
Chrysene	50	49	0.01	1.16	1.14	-2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	38	0.01	1.49	1.32	NA	-24	± 30 %	Quadratic
Benzo(k)flnoranthene	50	49	0.01	1.55	1.54	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	0.01	1.16	1.13	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	47	0.01	1.27	1.21	-5	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	0.01	1.12	1.05	-7	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	48	0.01	1.00	0.966	-4	NA	± 30 %	AverageRF
2-Fluorophenol	50	46	0.01	1.55	1.42	-9	NA	± 30 %	AverageRF
Phenol-d6	50	49	0.01	1.90	1.87	-1	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	50	0.01	0.341	0.339	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	50	0.01	1.32	1.31	-1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	47	0.01	0.0843	0.0800	-5	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.790	0.787	0	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908
Date Analyzed: 03/12/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900863
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\0312-02.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	53	0.01	1.71	1.83	7	NA	± 20 %	AverageRF
2-Methylphenol	50	55	0.01	0.930	1.01	9	NA	± 30 %	AverageRF
4-Methylphenol	50	49	0.01	1.23	1.21	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	53	0.01	0.253	0.270	7	NA	± 30 %	AverageRF
Naphthalene	50	54	0.01	0.920	0.989	8	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	51	0.01	0.593	0.607	2	NA	± 30 %	AverageRF
Acenaphthylene	50	51	0.01	1.67	1.72	3	NA	± 30 %	AverageRF
‡ Acenaphthene	50	52	0.01	0.948	0.984	4	NA	± 20 %	AverageRF
Dibenzofuran	50	54	0.01	1.51	1.64	8	NA	± 30 %	AverageRF
Fluorene	50	54	0.01	1.23	1.31	7	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	50	0.01	0.0921	0.107	NA	0	± 20 %	Linear
Phenanthrene	50	54	0.01	1.13	1.21	7	NA	± 30 %	AverageRF
Anthracene	50	52	0.01	1.07	1.11	4	NA	± 30 %	AverageRF
Carbazole	50	48	0.01	0.952	0.907	-5	NA	± 30 %	AverageRF
‡ Fluoranthene	50	52	0.01	0.949	0.996	5	NA	± 20 %	AverageRF
Pyrene	50	48	0.01	1.41	1.36	-4	NA	± 30 %	AverageRF
Benz(a)anthracene	50	57	0.01	0.996	1.13	13	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	0.973	1.02	5	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	0.01	1.09	1.28	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	48	0.01	1.23	1.17	-5	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	59	0.01	0.896	1.05	17	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	58	0.01	0.974	1.12	15	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	59	0.01	0.811	0.961	19	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	55	0.01	0.815	0.903	11	NA	± 30 %	AverageRF
2-Fluorophenol	50	54	0.01	1.07	1.15	8	NA	± 30 %	AverageRF
Phenol-d6	50	53	0.01	1.51	1.60	6	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	56	0.01	0.349	0.392	13	NA	± 30 %	AverageRF
2-Fluorohiphenyl	50	54	0.01	1.34	1.45	8	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	59	0.01	0.0843	0.0994	18	NA	± 30 %	AverageRF
Terphenyl-d14	50	51	0.01	0.756	0.767	1	NA	± 30 %	AverageRF

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900747
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0303-15B.D	GC/MS Tuning - Generic	JWG0900747-1	3/3/2009	16:24		3/3/2009	16:24
\0303-16.D	Continuing Calibration Verification	JWG0900747-2	3/3/2009	16:41		3/3/2009	16:41
\0303-17.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:12		3/3/2009	17:12
\0303-18.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:42		3/3/2009	17:42
\0303-19.D	ZZZZZZ	ZZZZZZ	3/3/2009	18:11		3/3/2009	18:11
\0303-20.D	ZZZZZZ	ZZZZZZ	3/3/2009	18:41		3/3/2009	18:41
\0303-21.D	ZZZZZZ	ZZZZZZ	3/3/2009	19:10		3/3/2009	19:10
\0303-22.D	Method Blank	JWG0900695-1	3/3/2009	19:40		3/3/2009	19:40
\0303-23.D	Lab Control Sample	JWG0900695-3	3/3/2009	20:09		3/3/2009	20:09
\0303-24.D	ZZZZZZ	ZZZZZZ	3/3/2009	20:38		3/3/2009	20:38
\0303-25.D	ZZZZZZ	ZZZZZZ	3/3/2009	21:07		3/3/2009	21:07
\0303-26.D	ZZZZZZ	ZZZZZZ	3/3/2009	21:36		3/3/2009	21:36
\0303-27.D	ZZZZZZ	ZZZZZZ	3/3/2009	22:05		3/3/2009	22:05
\0303-28.D	ZZZZZZ	ZZZZZZ	3/3/2009	22:34		3/3/2009	22:34
\0303-29.D	ZZZZZZ	ZZZZZZ	3/3/2009	23:03		3/3/2009	23:03
\0303-31.D	ZZZZZZ	ZZZZZZ	3/3/2009	23:32		3/3/2009	23:32
\0303-32.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:01		3/4/2009	00:01
\0303-33.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:30		3/4/2009	00:30
\0303-34.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:58		3/4/2009	00:58
\0303-35.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:27		3/4/2009	01:27
\0303-36.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:56		3/4/2009	01:56
\0303-37.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:25		3/4/2009	02:25
\0303-38.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:54		3/4/2009	02:54
\0303-39.D	ZZZZZZ	ZZZZZZ	3/4/2009	03:51		3/4/2009	03:51
\0303-40.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:20		3/4/2009	04:20
\0303-41.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:49		3/4/2009	04:49
\0303-42.D	ZZZZZZ	ZZZZZZ	3/4/2009	05:18		3/4/2009	05:18
\0303-43.D	ZZZZZZ	ZZZZZZ	3/4/2009	05:46		3/4/2009	05:46
\0303-44.D	ZZZZZZ	ZZZZZZ	3/4/2009	06:15		3/4/2009	06:15
\0303-45.D	ZZZZZZ	ZZZZZZ	3/4/2009	06:44		3/4/2009	06:44
\0303-46.D	ZZZZZZ	ZZZZZZ	3/4/2009	07:13		3/4/2009	07:13
\0303-47.D	ZZZZZZ	ZZZZZZ	3/4/2009	07:42		3/4/2009	07:42

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900761
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0304-02B.D	GC/MS Tuning - Generic	JWG0900761-1	3/4/2009	12:55		3/4/2009	12:55
0304-03B.D	Continuing Calibration Verification	JWG0900761-2	3/4/2009	13:12		3/4/2009	13:12
\0304-04.D	ZZZZZZ	ZZZZZZ	3/4/2009	13:56		3/4/2009	13:56
\0304-05.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:26		3/4/2009	14:26
\0304-06.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:56		3/4/2009	14:56
\0304-07.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:26		3/4/2009	15:26
\0304-08.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:56		3/4/2009	15:56
\0304-09.D	FW14B-3-022309	J0900908-014	3/4/2009	16:27		3/4/2009	16:27
\0304-10.D	FW14B-3-022309MS	JWG0900695-4	3/4/2009	16:57		3/4/2009	16:57
\0304-11.D	FW14B-3-022309DMS	JWG0900695-2	3/4/2009	17:27		3/4/2009	17:27
\0304-12.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:57		3/4/2009	17:57
\0304-13.D	ZZZZZZ	ZZZZZZ	3/4/2009	18:27		3/4/2009	18:27
\0304-14.D	FW18B-03-022309	J0900908-001	3/4/2009	18:56		3/4/2009	18:56
\0304-15.D	FW18B-04-022309	J0900908-002	3/4/2009	19:26		3/4/2009	19:26
\0304-16.D	FW18B-02-022309	J0900908-003	3/4/2009	19:56		3/4/2009	19:56
\0304-17.D	FW18B-01-022309	J0900908-004	3/4/2009	20:25		3/4/2009	20:25
\0304-18.D	FW4C-02-022309	J0900908-005	3/4/2009	20:55		3/4/2009	20:55
\0304-19.D	FW4C-03-022309	J0900908-006	3/4/2009	21:24		3/4/2009	21:24
\0304-20.D	FW4C-01-022309	J0900908-007	3/4/2009	21:54		3/4/2009	21:54
\0304-21.D	FW99B-022309	J0900908-008	3/4/2009	22:23		3/4/2009	22:23
\0304-22.D	FW24C-01-022309	J0900908-009	3/4/2009	22:52		3/4/2009	22:52
\0304-23.D	FW24C-02-022309	J0900908-010	3/4/2009	23:21		3/4/2009	23:21
\0304-24.D	FW14B-1-022309	J0900908-011	3/4/2009	23:51		3/4/2009	23:51
\0304-25.D	FW14B-2-022309	J0900908-012	3/5/2009	00:20		3/5/2009	00:20

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900908

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900863
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0312-01.D	GC/MS Tuning - Generic	JWG0900863-1	3/12/2009	20:36		3/12/2009	20:36
\0312-02.D	Continuing Calibration Verification	JWG0900863-2	3/12/2009	20:54		3/12/2009	20:54
\0312-03.D	FW14B-4-022309	J0900908-013	3/12/2009	22:12		3/12/2009	22:12
\0312-04.D	FW22C-3-022309	J0900908-015	3/12/2009	22:50		3/12/2009	22:50
\0312-05.D	FW22C-2-022309	J0900908-016	3/12/2009	23:29		3/12/2009	23:29
\0312-06.D	FW22C-1-022309	J0900908-017	3/13/2009	00:08		3/13/2009	00:08
\0312-07.D	FW15B-4-022309	J0900908-018	3/13/2009	00:46		3/13/2009	00:46
\0312-08.D	FW99A-022309	J0900908-019	3/13/2009	01:25		3/13/2009	01:25
\0312-09.D	ZZZZZZ	ZZZZZZ	3/13/2009	02:03		3/13/2009	02:03
\0312-10.D	ZZZZZZ	ZZZZZZ	3/13/2009	02:42		3/13/2009	02:42
\0312-11.D	ZZZZZZ	ZZZZZZ	3/13/2009	03:20		3/13/2009	03:20
\0312-12.D	ZZZZZZ	ZZZZZZ	3/13/2009	03:59		3/13/2009	03:59
\0312-13.D	ZZZZZZ	ZZZZZZ	3/13/2009	04:37		3/13/2009	04:37
\0312-14.D	ZZZZZZ	ZZZZZZ	3/13/2009	05:15		3/13/2009	05:15
\0312-15.D	ZZZZZZ	ZZZZZZ	3/13/2009	05:53		3/13/2009	05:53
\0312-16.D	ZZZZZZ	ZZZZZZ	3/13/2009	06:31		3/13/2009	06:31
\0312-17.D	ZZZZZZ	ZZZZZZ	3/13/2009	07:09		3/13/2009	07:09
\0312-18.D	ZZZZZZ	ZZZZZZ	3/13/2009	07:47		3/13/2009	07:47
\0312-19.D	ZZZZZZ	ZZZZZZ	3/13/2009	08:26		3/13/2009	08:26

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900908
Date Extracted: 02/26/2009

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0900695
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW18B-03-022309	J0900908-001	02/23/09	02/24/09	770ml	1.0ml	NA	
FW18B-04-022309	J0900908-002	02/23/09	02/24/09	830ml	1.0ml	NA	
FW18B-02-022309	J0900908-003	02/23/09	02/24/09	800ml	1.0ml	NA	
FW18B-01-022309	J0900908-004	02/23/09	02/24/09	860ml	1.0ml	NA	
FW4C-02-022309	J0900908-005	02/23/09	02/24/09	830ml	1.0ml	NA	
FW4C-03-022309	J0900908-006	02/23/09	02/24/09	760ml	1.0ml	NA	
FW4C-01-022309	J0900908-007	02/23/09	02/24/09	930ml	1.0ml	NA	
FW99B-022309	J0900908-008	02/23/09	02/24/09	950ml	1.0ml	NA	
FW24C-01-022309	J0900908-009	02/23/09	02/25/09	730ml	1.0ml	NA	
FW24C-02-022309	J0900908-010	02/23/09	02/25/09	770ml	1.0ml	NA	
FW14B-1-022309	J0900908-011	02/23/09	02/24/09	840ml	1.0ml	NA	
FW14B-2-022309	J0900908-012	02/23/09	02/24/09	880ml	1.0ml	NA	
FW14B-4-022309	J0900908-013	02/23/09	02/24/09	880ml	1.0ml	NA	
FW14B-3-022309	J0900908-014	02/23/09	02/24/09	840ml	1.0ml	NA	
FW22C-3-022309	J0900908-015	02/23/09	02/25/09	820ml	1.0ml	NA	
FW22C-2-022309	J0900908-016	02/23/09	02/25/09	840ml	1.0ml	NA	
FW22C-1-022309	J0900908-017	02/23/09	02/25/09	970ml	1.0ml	NA	
FW15B-4-022309	J0900908-018	02/23/09	02/25/09	900ml	1.0ml	NA	
FW99A-022309	J0900908-019	02/23/09	02/25/09	900ml	1.0ml	NA	
Method Blank	JWG0900695-1	NA	NA	1000ml	1.0ml	NA	
FW14B-3-022309DMS	JWG0900695-2	02/23/09	02/24/09	820ml	1.0ml	NA	
FW14B-3-022309MS	JWG0900695-4	02/23/09	02/24/09	830ml	1.0ml	NA	
Lab Control Sample	JWG0900695-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:

Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J0900908

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
FW18B-03-022309	J0900908-001
FW18B-03-022309S	J0900908-001S
FW18B-03-022309SD	J0900908-001SD
FW18B-04-022309	J0900908-002
FW18B-02-022309	J0900908-003
FW18B-01-022309	J0900908-004
FW4C-02-022309	J0900908-005
FW4C-03-022309	J0900908-006
FW4C-01-022309	J0900908-007
FW99B-022309	J0900908-008
FW24C-01-022309	J0900908-009
FW24C-02-022309	J0900908-010
FW14B-1-022309	J0900908-011
FW14B-2-022309	J0900908-012
FW14B-4-022309	J0900908-013
FW14B-3-022309	J0900908-014
FW14B-3-022309S	J0900908-014S
FW14B-3-022309SD	J0900908-014SD
FW22C-3-022309	J0900908-015
FW22C-2-022309	J0900908-016
FW22C-1-022309	J0900908-017
FW15B-4-022309	J0900908-018
FW99A-022309	J0900908-019

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner Name: Barbara Scribner

Date: 3/20/09 Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW18B-03-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-001

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	2.0		U	MS
7440-50-8	Copper	0.6	i	U	MS
7440-66-6	Zinc	6	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW18B-04-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-002

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	4.0	U		MS
7440-50-8	Copper	1.5	U		MS
7440-66-6	Zinc	20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW18B-02-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-003

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.7	i	U	MS
7440-50-8	Copper	0.6	i	U	MS
7440-66-6	Zinc	5	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW18B-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-004

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.6	i	U	MS
7440-50-8	Copper	1.3	i	U	MS
7440-66-6	Zinc	5	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW4C-02-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-005

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.7	U	U	MS
7440-50-8	Copper	0.4	U	U	MS
7440-66-6	Zinc	10		U	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW4C-03-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-006

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	2.7		U	MS
7440-50-8	Copper	0.6	U	U	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW4C-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-007

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	2.0		U	MS
7440-50-8	Copper	1.9		U	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99B-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-008

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.4	J	UJ	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24C-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-009

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.5			MS
7440-47-3	Chromium	2.3		U	MS
7440-50-8	Copper	0.3	i	U	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24C-02-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-010

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.3		U	MS
7440-47-3	Chromium	1.7		U	MS
7440-50-8	Copper	0.4		U	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW14B-1-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-011

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.4	~~J~~	UJ	MS
7440-50-8	Copper	0.4	~~J~~	UJ	MS
7440-66-6	Zinc	4	~~J~~	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW14B-2-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-012

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.5	J	UJ	MS
7440-50-8	Copper	0.6	J	UJ	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: FW14B-4-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-013

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	2.0	U	U	MS
7440-50-8	Copper	0.6	U	U	MS
7440-66-6	Zinc	5	U	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW14B-3-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-014

Level (low/med): LOW Date Received: 2/24/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.50	~~i~~	~~X~~ U	MS
7440-47-3	Chromium	1.9	~~i~~	U	MS
7440-50-8	Copper	0.3	~~i~~	U	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22C-3-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-015

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	2.1		U	MS
7440-50-8	Copper	0.9	~~i~~	U	MS
7440-66-6	Zinc	5	~~i~~	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22C-2-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-016

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	2.0		JL	MS
7440-50-8	Copper	1.8	J	JL	MS
7440-66-6	Zinc	7	J	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22C-1-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-017

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.5	~~i~~	U	MS
7440-50-8	Copper	0.5	~~i~~	JA	MS
7440-66-6	Zinc	5	~~i~~	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW15B-4-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-018

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.7			MS
7440-47-3	Chromium	1.4	J	UL	MS
7440-50-8	Copper	0.5	J	UL	MS
7440-66-6	Zinc	5	J	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99A-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Lab Sample ID: J0900908-019

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.6	~~J~~ U		MS
7440-50-8	Copper	1.9	~~J~~ U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900908

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	49.5	99	25.0	25.4	102	25.0	100	MS
Chromium	20.0	19.7	98	25.0	26.3	105	25.0	100	MS
Copper	25.0	24.2	97	25.0	25.4	102	24.7	99	MS
Zinc	50.0	47.6	95	50.0	48.4	97	48.8	98	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900908

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	25.3	101	25.9	104	MS
Chromium				25.0	25.1	100	24.8	99	MS
Copper				25.0	24.6	98	24.4	98	MS
Zinc				50.0	51.1	102	50.0	100	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900908

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	25.0	100	26.3	105	MS
Chromium				25.0	25.2	101	25.3	101	MS
Copper				25.0	24.7	99	25.2	101	MS
Zinc				50.0	50.4	101	50.4	101	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900908

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	26.0	104			MS
Chromium				25.0	24.2	97			MS
Copper				25.0	24.6	98			MS
Zinc				50.0	50.1	100			MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900908

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.446	89		
Chromium				2.000	2.000	100		
Copper				2.000	2.010	100		
Zinc				10.000	9.690	97		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.200	U	0.200	U	0.200	U	0.200	U	0.20	U	MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U	1.9	J	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	1.2	J	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4	U	MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.403	i J	0.200	U			MS
Chromium			0.800	U	0.800	U	0.800	U			MS
Copper			0.300	U	0.300	U	0.300	U			MS
Zinc			4.00	U	4.00	U	4.00	U			MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U							MS
Chromium			0.800	U							MS
Copper			0.300	U							MS
Zinc			4.00	U							MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.2	21.6	108			
Chromium	0.0	20.0	1.0	22.0	110			
Copper	0.0	20.0	1.0	21.4	107			
Zinc	0.0	40.0	3.0	44.3	111			

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW18B-03-022309S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	45.30		0.20	U	50.0	91		MS
Chromium	75 - 125	43.1		2.0		50.0	82		MS
Copper	75 - 125	40.8		0.6		50.0	80		MS
Zinc	75 - 125	88.5		6.2		100	82		MS

Comments:

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW18B-03-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	46.60		0.20	U	50.0	93		MS
Chromium	75 - 125	44.3		2.0		50.0	85		MS
Copper	75 - 125	42.3		0.6		50.0	83		MS
Zinc	75 - 125	91.2		6.2		100	85		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW14B-3-022309S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	45.20		0.50		50.0	89		MS
Chromium	75 - 125	43.7		1.9		50.0	84		MS
Copper	75 - 125	40.9		0.3		50.0	81		MS
Zinc	75 - 125	86.2		4.0	U	100	86		MS

Comments:

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW14B-3-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	46.20		0.50		50.0	91		MS
Chromium	75 - 125	44.4		1.9		50.0	85		MS
Copper	75 - 125	41.8		0.3		50.0	83		MS
Zinc	75 - 125	86.2		4.0	U	100	86		MS

Comments:

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: FW18B-01-022309A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	48.50		0.20	U	50.0	97		MS
Chromium	75 - 125	47.90		1.62		50.0	93		MS
Copper	75 - 125	47.10		1.32		50.0	92		MS
Zinc	75 - 125	97.50		4.55		100.0	93		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW18B-03-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		45.30		46.60		3		MS
Chromium		43.1		44.3		3		MS
Copper		40.8		42.3		4		MS
Zinc		88.5		91.2		3		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.

FW14B-3-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		45.20		46.20		2		MS
Chromium		43.7		44.4		2		MS
Copper		40.8		41.8		2		MS
Zinc		86.2		86.2		0		MS

Comments:

Dissolved Metals

-7-

LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	46.5	93					
Chromium	50.0	43.1	86					
Copper	50.0	42.4	85					
Zinc	100	89.1	89					

Comments:

Dissolved Metals

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

FW18B-01-022309L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	1.000	U	1.000	U			MS
Chromium	1.620		4.000	U	100.0		MS
Copper	1.320		1.930	i	46		MS
Zinc	4.550		20.000	U	100.0		MS

Comments:

Dissolved Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.000	0.800	MS
Copper	65		2.000	0.300	MS
Zinc	66		10.00	4.00	MS

Comments:

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

Dissolved Metals

-13-

PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900908

Method: MS Prep Method: EPA 3020A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
FW18B-03-022309	2/26/2009	25.0	25.0
FW18B-03-022309S	2/26/2009	25.0	25.0
FW18B-03-022309SD	2/26/2009	25.0	25.0
FW18B-04-022309	2/26/2009	25.0	25.0
FW18B-02-022309	2/26/2009	25.0	25.0
FW18B-01-022309	2/26/2009	25.0	25.0
FW4C-02-022309	2/26/2009	25.0	25.0
FW4C-03-022309	2/26/2009	25.0	25.0
FW4C-01-022309	2/26/2009	25.0	25.0
FW99B-022309	2/26/2009	25.0	25.0
FW24C-01-022309	2/26/2009	25.0	25.0
FW24C-02-022309	2/26/2009	25.0	25.0
FW14B-1-022309	2/26/2009	25.0	25.0
FW14B-2-022309	2/26/2009	25.0	25.0
FW14B-4-022309	2/26/2009	25.0	25.0
FW14B-3-022309	2/26/2009	25.0	25.0
FW14B-3-022309S	2/26/2009	25.0	25.0
FW14B-3-022309SD	2/26/2009	25.0	25.0
FW22C-3-022309	2/26/2009	25.0	25.0
FW22C-2-022309	2/26/2009	25.0	25.0
FW22C-1-022309	2/26/2009	25.0	25.0
FW15B-4-022309	2/26/2009	25.0	25.0
FW99A-022309	2/26/2009	25.0	25.0
Lab Control Sample	2/26/2009	25.0	25.0
Method Blank	2/26/2009	25.0	25.0

Comments:

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900908

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/19/2009 End Date: 3/19/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
cal blank	1.00	14:36				X					X		X													X	
cal std 1 25 ppb	1.00	14:40				X					X		X													X	
cal std 2 50ppb	1.00	14:44				X					X		X													X	
cal std 3 100ppb	1.00	14:48				X					X		X													X	
ICV	1.00	14:52				X					X		X													X	
ICB	1.00	14:56				X					X		X													X	
MRL	1.00	15:00				X					X		X													X	
ICSA	1.00	15:05				X					X		X													X	
ICSAB	1.00	15:09				X					X		X													X	
CCV1	1.00	15:21				X					X		X													X	
CCB1	1.00	15:25				X					X		X													X	
Method Blank	1.00	15:36				X					X		X													X	
Lab Control Sample	1.00	15:40				X					X		X													X	
FW18B-03-022309	1.00	15:44				X					X		X													X	
FW18B-03-022309S	1.00	15:48				X					X		X													X	
FW18B-03-022309SD	1.00	15:52				X					X		X													X	
FW18B-04-022309	1.00	15:56				X					X		X													X	
FW18B-04-022309	5.00	16:00				X					X		X													X	
FW18B-04-022309A	1.00	16:04				X					X		X													X	
CCV2	1.00	16:08				X					X		X													X	
CCB2	1.00	16:12				X					X		X													X	
FW18B-02-022309	1.00	16:16				X					X		X													X	
FW18B-01-022309	1.00	16:20				X					X		X													X	
FW4C-02-022309	1.00	16:24				X					X		X													X	
FW4C-03-022309	1.00	16:28				X					X		X													X	
FW4C-01-022309	1.00	16:31				X					X		X													X	
FW99B-022309	1.00	16:35				X					X		X													X	
FW24C-01-022309	1.00	16:39				X					X		X													X	
FW24C-02-022309	1.00	16:43				X					X		X													X	
FW14B-1-022309	1.00	16:47				X					X		X													X	
CCV3	1.00	16:51				X					X		X													X	
CCB3	1.00	16:55				X					X		X													X	
FW14B-2-022309	1.00	16:59				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900908

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/19/2009 End Date: 3/19/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
FW14B-4-022309	1.00	17:03				X					X		X												X	
FW14B-3-022309	1.00	17:07				X					X		X												X	
FW14B-3-022309S	1.00	17:11				X					X		X												X	
FW14B-3-022309SD	1.00	17:15				X					X		X												X	
FW22C-3-022309	1.00	17:19				X					X		X												X	
FW22C-2-022309	1.00	17:23				X					X		X												X	
FW22C-1-022309	1.00	17:27				X					X		X												X	
FW15B-4-022309	1.00	17:31				X					X		X												X	
FW99A-022309	1.00	17:35				X					X		X												X	
CCV4	1.00	17:39				X					X		X												X	
CCB4	1.00	17:43				X					X		X												X	
CCV5	1.00	18:26				X					X		X												X	
CCB5	1.00	18:31				X					X		X												X	
CCV6	1.00	19:09				X					X		X												X	
CCB6	1.00	19:13				X					X		X												X	
FW18B-01-022309L	5.00	19:17				X					X		X												X	
FW18B-01-022309A	1.00	19:21				X					X		X												X	
FW4C-02-022309	5.00	19:25				X					X		X												X	
FW4C-01-022309	5.00	19:29				X					X		X												X	
FW14B-4-022309	5.00	19:33				X					X		X												X	
FW22C-3-022309	5.00	19:37				X					X		X												X	
CCV7	1.00	19:41				X					X		X												X	
CCB7	1.00	19:45				X					X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900908
Date Collected : 02/23/09
Date Received : 02/24,25/09

Bromide

Analysis Method : 300.0
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
FW18B-03-022309	J0900908-001	0.4	0.043	1	03/09/09 21:34	U	
FW18B-04-022309	J0900908-002	0.4	0.043	1	03/09/09 21:34	U	
FW18B-02-022309	J0900908-003	0.4	0.043	1	03/09/09 21:34	U	
FW18B-01-022309	J0900908-004	0.4	0.043	1	03/09/09 21:34	U	
FW4C-02-022309	J0900908-005	0.4	0.043	1	03/09/09 21:34	U	
FW4C-03-022309	J0900908-006	0.4	0.043	1	03/09/09 21:34	U	
FW4C-01-022309	J0900908-007	0.4	0.043	1	03/09/09 21:34	U	
FW99B-022309	J0900908-008	0.4	0.043	1	03/09/09 21:34	U	
FW24C-01-022309	J0900908-009	0.4	0.043	1	03/09/09 21:34	4.8	
FW24C-02-022309	J0900908-010	0.4	0.043	1	03/09/09 21:34	2.0	
FW14B-1-022309	J0900908-011	0.4	0.043	1	03/09/09 21:34	0.99	
FW14B-2-022309	J0900908-012	0.4	0.043	1	03/09/09 21:34	0.33	J
FW14B-4-022309	J0900908-013	0.4	0.043	1	03/09/09 21:34	0.62	
FW14B-3-022309	J0900908-014	0.4	0.043	1	03/09/09 21:34	0.68	
FW22C-3-022309	J0900908-015	0.4	0.043	1	03/09/09 21:34	0.40	
FW22C-2-022309	J0900908-016	0.4	0.043	1	03/09/09 21:34	0.32	J
FW22C-1-022309	J0900908-017	0.4	0.043	1	03/09/09 21:34	U	
FW15B-4-022309	J0900908-018	0.4	0.043	1	03/09/09 21:34	0.31	J
FW99A-022309	J0900908-019	0.4	0.043	1	03/09/09 21:34	0.38	J
Method Blank	J0900908-MB	0.4	0.043	1	03/09/09 21:34	U	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900908
Date Collected : 02/23/09
Date Received : 02/24/09
Date Extracted : NA
Date Analyzed : 03/09/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW18B-03-022309
Lab Code : J0900908-001DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	U	U	U	-	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900908
Date Collected : 02/23/09
Date Received : 02/24/09
Date Extracted : NA
Date Analyzed : 03/09/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW18B-03-022309
Lab Code : J0900908-001MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	U	5.18	104	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900908
Date Collected : 02/23/09
Date Received : 02/24/09
Date Extracted : NA
Date Analyzed : 03/09/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW14B-3-022309
Lab Code : J0900908-014DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	0.68	0.67	0.675	1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900908
Date Collected : 02/23/09
Date Received : 02/24/09
Date Extracted : NA
Date Analyzed : 03/09/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW14B-3-022309
Lab Code : J0900908-014MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	0.68	5.90	104	90-110	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0900908
Project Name :	Gainesville, FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/09/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0900908-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	5.16	103	90-110	

Report By: Palimi

FTS, LLC

DATE: March 31, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Westbay GW

SAMPLE DELIVERY GROUP (SDG): J0900930

SAMPLES: FW24C-03-022309, FW24C-04-022309, FW10B-04-022409, Metals Blank 1-022409, FW10B-03-022409, FW99D-022409(FW-10B-04), FW10B-02-022409, FW10B-01-022409, FW19B-04-022409, FW19B-03-022409, FB-01-022309, MB-01-022309, EB-01-022309, FW15B-2-022409, FW15B-1-022409, FW17B-2-022409, FW17B-3-022409, FW17B-4-022409, FW99C-022409(FW-17B-03), Trip Blank-022409, FW15B-03-022409

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: None

□ Field Blank Contamination
Noncompliances: Dissolved chromium was detected in the metals blanks, field blank, and equipment blank. Dissolved copper was detected in the metals blank and equipment blank. Dissolved zinc was detected in the metals blank. See next page for details.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The MS/MSD recovery of benzo(b)fluoranthene fell below the control limits. No action was taken.

□ Laboratory Control Sample
Noncompliances: The LCS recovery of benzo(b)fluoranthene fell slightly below the control limits. No action was taken.

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Field Blank Contamination:

The following analyte was detected in the aqueous metals blank, Metals Blank 1-022409, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.3 J ug/l	6.5 ug/l

The following analyte was detected in the aqueous field blank, FB-01-022309, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.3 J ug/l	6.5 ug/l

The following analytes were detected in the aqueous metals blank, MB-01-022309, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l
Copper, dissolved	0.6 J ug/l	3.0 ug/l
Zinc, dissolved	4 J ug/l	20 ug/l

The following analytes were detected in the aqueous equipment blank, EB-01-022309, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.3 J ug/l	6.5 ug/l
Copper, dissolved	0.3 J ug/l	1.5 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-10B-04	QUAL	FW-99D	QUAL	RPD
Bromide	0.98		0.95		3.11
Chromium, dissolved	1.3	JB	1.1	JB	16.67
Zinc, dissolved	4	U	4	J	NC
ANALYTE	FW-17B-03	QUAL	FW-99C	QUAL	RPD
Arsenic, dissolved	0.2	U	0.33	J	NC
Bromide	0.65		0.65		0
Chromium, dissolved	1	JB	2.1	B	70.97*

Copper, dissolved	0.3	U	0.6	J	NC
Zinc, dissolved	9	J	17		61.54*

NC – not calculated due to nondetect result
* - The RPD is greater than 30%, the associated samples are qualified as estimated, “J,” due to laboratory of field sampling imprecision

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Columbia Analytical Services INC.
An Employee - Owned Company

March 27, 2009

Service Request No: J0900930

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

Laboratory Results for: Gainesville, FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on February 25, 2009. For your reference, these analyses have been assigned our service request number **J0900930**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

Page 1 of 276

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 776 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900930
Project:	Gainesville, FL	**Date Received:**	2/25/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

21 water samples were received for analysis at Columbia Analytical Services on 2/25/09. The following discrepancies were noted upon initial sample inspection. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Matrix Spike Recovery Exceptions

The matrix spike recovery of Methyl tert-Butyl Ether for sample FW17B-4-022409 was outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. No further corrective action was appropriate.

Batch QC Notes and Discussion

Quality control samples for MS/DMS were performed using samples from another sample delivery group (SDG). The frequency requirement for quality control sample analysis was consistent with the project's requirements. Matrix specific quality control results have no bearing on sample data from a different matrix or location. Therefore, control of the batch has been evaluated using the method blank and the laboratory control sample.

Semivolatile Organics by GC-MS

Matrix Spike Recovery Exceptions

The matrix spike recovery of Benzo(b)fluoranthene for sample Duplicate Matrix Spike (DMS) FW17B-4-022409DMS was outside the lower control criteria. The analyte in question was not detected in the associated field samples. The error associated with reduced recovery equates to a potential low bias. The data are flagged to indicate the problem.

Lab Control Sample Exceptions

The spike recovery of Benzo(b)fluoranthene for Laboratory Control Sample (LCS) JWG0900713-3 was outside the lower control criterion. The analyte in question was not detected in the associated field samples. The error associated with reduced recovery equates to a potential low bias. The data are flagged to indicate the problem.

Approved by Tom D. Hissong Date 3/27/09

Metals by ICP-MS

Elevated Method Reporting Limits

The reporting limit is elevated for Arsenic in sample FW19B-04-022409. The sample extract was diluted due to high negative concentration.

Sample Confirmation Notes

The serial dilution for Arsenic is outside of acceptance limits for sample FW24C-03-022309. The post spike was within acceptance limits for this sample. No further corrective action was taken.

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Tom D. Kissinger Date 3/27/09

Client: Field and Technical Services, LLC
Project: Gainesville, FL/OM045009-091

Service Request: J0900930

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900930-001	FW24C-03-022309	2/23/09	17:10
J0900930-002	FW24C-04-022309	2/23/09	17:40
J0900930-003	FW10B-04-022409	2/24/09	08:50
J0900930-004	Metals Blank 1-022409	2/24/09	08:50
J0900930-005	FW10B-03-022409	2/24/09	09:40
J0900930-006	FW99D-022409	2/24/09	20:00
J0900930-007	FW10B-02-022409	2/24/09	10:30
J0900930-008	FW10B-01-022409	2/24/09	11:20
J0900930-009	FW19B-04-022409	2/24/09	14:20
J0900930-010	FW19B-03-022409	2/24/09	15:00
J0900930-011	FB-01-022309	2/23/09	17:20
J0900930-012	MB-01-022309	2/23/09	17:50
J0900930-013	EB-01-022309	2/23/09	18:10
J0900930-014	FW15B-2-022409	2/24/09	07:50
J0900930-015	FW15B-1-022409	2/24/09	08:35
J0900930-016	FW17B-2-022409	2/24/09	09:35
J0900930-017	FW17B-3-022409	2/24/09	10:15
J0900930-018	FW17B-4-022409	2/24/09	11:00
J0900930-019	FW99C-022409	2/24/09	20:00
J0900930-020	Trip Blank-022409	2/24/09	00:00
J0900930-021	FW15B-03-022409	2/23/09	16:40

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.

Columbia Analytical Services™

Chain of Custody Documentation

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PAGE 1 OF 3

SR # J0900930

CAS Contact

Project Name: Gainesville, FL

Project Number: OM045009-091

Project Manager: A. Gatchie

Email Address: aggatchie.2006@f-ts.com

Company/Address: FTS, 200 Third Ave, Carnegie, PA 15106

Phone #: (412) 429-2694

FAX#: (412) 279-4512

Sampler's Signature: [signature]

Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number a[redacted]

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	BTEX 8260B	SVOC's 8270C	Dissolved Ascr Zn Cu 6020	Bromide 300.0	REMARKS/ ALTERNATE DESCRIPTION
FW24C-03-022309		2/23/09	1710	GW	7	3	2	1	1
FW24C-04-022309		2/23/09	1740	GW	7	3	2	1	1
FW10D-04-022409		2/24/09	0850	GW	7	3	2	1	1
Metals blank 1-022409		2/24/09	0850	DI	1			1	
FW10B-03-022409		2/24/09	0940	GW	7	3	2	1	1
FW99D-022409		2/24/09	2000	GW	7	3	2	1	1
FW10B-02-022409		2/24/09	1030	GW	7	3	2	1	1
FW10B-01-022409		2/24/09	1120	GW	7	3	2	1	1
FW19B-04-022409		2/24/09	1420	GW	7	3	2	1	1
FW19B-03-022409		2/24/09	1500	GW	7	3	2	1	1

2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

[signature] 2/24/09

[signature] 2/24/09

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

[signature] 2/24/09

See QAPP ☐

TURNAROUND REQUIREMENTS

____ RUSH (SURCHARGES APPLY)

X STANDARD

REQUESTED FAX DATE

REQUESTED REPORT DATE

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

____ V. Speicalized Forms / Custom Report

Edata ____ Yes ____ No

INVOICE INFORMATION

PO#

BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
[signature]	[signature]				
Signature: Rory Hanczar	Signature: Matthew Kleman	Signature	Signature	Signature	Signature
Printed Name: FTS	Printed Name: CAS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 2/24/09, 1900	Firm	Firm	Firm	Firm	Firm
Date/Time: 13	Date/Time: 2-25-09 1318	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services

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SR #: J0900930

CAS Contact:

Project Name: Gainesville, FL	Project Number: 0M045009-091
Project Manager: A. Gatchie	Email Address: agatchie.2006@fts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX #: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Nu[redacted]

PRESERVATIVE: 1 0 2 0

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	8260B	8270C	Metals-Diss.	Bromide Br-	REMARKS/ ALTERNATE DESCRIPTION
FB-01-022309		2-23-09	1720	DI	7	3	2	1	1	
MB-01-022309		2-23-09	1750	DI	1			1		
EB-01-022309		2-23-09	1810	DI	7	3	2	1	1	
FW-15B-2-022409		2-24-09	0750	GW	7	3	2	1	1	
FW-15B-1-022409		2-24-09	0835	GW	7	3	2	1	1	
FW-17B-2-022409		2-24-09	0935	GW	7	3	2	1	1	
FW-17B-3-022409		2-24-09	1015	GW	7	3	2	1	1	
FW-17B-4-022409		2-24-09	1100	GW	7	3	2	1	1	
FW-17B4MS/MSD-022409		2-24-09	1100	GW	14	6	4	2	2	
FW-99C-022409		2-24-09	2000	GW	7	3	2	1	1	

Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

2/24/09

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: Matthew Kdeman	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name:	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm:	Firm	Firm	Firm	Firm
Date/Time: 2/24/09; 1920	Date/Time: 2-25-09 1516	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

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PAGE 3 OF 3

SR #

CAS Contact J0900930

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: agatchie.2006@f-ts.com
Company/Address: FTS, 200 Third Ave, Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature: [signature]	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number an[redacted]

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS: BTEX 8260B; 8270C; Dissolved Air ZnCu 6020; Bromide 300.0

[signature] 2/24/09

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX														REMARKS/ ALTERNATE DESCRIPTION
Tripblank-022409		2/24/09	—	DI	2	2												
FW-15B-03-22309 DMK		2-23-09	1640		7	3	2	1	1									

[signature] 2/24/09

[signature] 2/24/09

[signature] 2/24/09

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice.

[signature] 2/24/09

See OAPP ☐

TURNAROUND REQUIREMENTS
- ____ RUSH (SURCHARGES APPLY)
- X STANDARD
- REQUESTED FAX DATE _____
- REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
- ____ I. Results Only
- ____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
- ____ III. Results + QC and Calibration Summaries
- ____ IV. Data Validation Report with Raw Data
- ____ V. Specialized Forms / Custom Report
- Edata ____ Yes ____ No

INVOICE INFORMATION
- PO#
- BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
[signature]	[signature]				
Signature: Rory Hanczar	Signature: Matthew Kolemen	Signature	Signature	Signature	Signature
Printed Name: FTS	Printed Name: CAS	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm	Firm	Firm	Firm	Firm
Date/Time: 2/24/09 1930	Date/Time: 2-25-09 1318	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS
Project: Gainesville FL.
Service Request # J0900930
Cooler received on 2-25-09 and opened on 2-25-09 by [signature]

COURIER: CAS UPS FEDEX DHL CLIENT Tracking #

1	Were custody seals on outside of cooler?	Yes	No	N/A
2	Were seals intact, signed and dated?	Yes	No	N/A
3	Were custody papers properly filled out?	Yes	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C) 3.2	2.1	0.0	0.3
5	Correct Temperature?	Yes	No	N/A
6	Were Ice or Ice Packs present	Yes	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	Yes	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	Yes	No	N/A
9	Did all bottle labels and tags agree with custody papers?	Yes	No	N/A
10	Were the correct bottles used for the tests indicated?	Yes	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	Yes	No	N/A

HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2
Preservative additions noted below

12	Were all samples received within analysis holding times?	Yes	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	Yes	No	N/A
14	Where did the bottles originate?	CAS	Client	

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

Additional comments and/or explanation of all discrepancies noted above:
- Extra Sample present, not listed on Chain - FW-15B-03-22309 added to end of C.C

Client approval to run samples if discrepancies noted: Date: 12

SR #: J0900930 Date: 2-25-09 Initials: DMK

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

Bottle Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Container	40mL G	40mL G	40mL G	40mL G	125mL P	125mL P	125mL P	125mL P	250mL P	250mL P	250mL P	250mL P	250mL P	250mL G	250mL G	500mL P	500mL P	500mL P	1L P	1L P	1L G	1L G	1L G	2oz G	4oz G	8oz G	16oz G	5g ENC	100mL P	Misc.
Pres.		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate+ NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
001		3			1			1													2									
002		3																			2									
003		3																			2									
004																														
005		3			1																2									
006																														
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010																														
011																														
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013		3			1																2									
014																														
015																														
016																														
017																														
018		3			1			1	DMS	EK											2									
019		3			1			1													2									
020		3			1			1													2									
021		3			1			1													2									
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039																														
040																														

TB

Extra sample

Columbia Analytical Services™

Summary Package

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
www.caslab.com

Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW24C-03-022309	J0900930-001	02/23/2009	02/25/2009
FW24C-04-022309	J0900930-002	02/23/2009	02/25/2009
FW10B-04-022409	J0900930-003	02/24/2009	02/25/2009
FW10B-03-022409	J0900930-005	02/24/2009	02/25/2009
FW99D-022409	J0900930-006	02/24/2009	02/25/2009
FW10B-02-022409	J0900930-007	02/24/2009	02/25/2009
FW10B-01-022409	J0900930-008	02/24/2009	02/25/2009
FW19B-04-022409	J0900930-009	02/24/2009	02/25/2009
FW19B-03-022409	J0900930-010	02/24/2009	02/25/2009
FB-01-022309	J0900930-011	02/23/2009	02/25/2009
EB-01-022309	J0900930-013	02/23/2009	02/25/2009
FW15B-2-022409	J0900930-014	02/24/2009	02/25/2009
FW15B-1-022409	J0900930-015	02/24/2009	02/25/2009
FW17B-2-022409	J0900930-016	02/24/2009	02/25/2009
FW17B-3-022409	J0900930-017	02/24/2009	02/25/2009
FW17B-4-022409	J0900930-018	02/24/2009	02/25/2009
FW99C-022409	J0900930-019	02/24/2009	02/25/2009
Trip Blank-022409	J0900930-020	02/24/2009	02/25/2009
FW15B-03-022409	J0900930-021	02/23/2009	02/25/2009
FW17B-4-022409MS	JWG0900735-1	02/24/2009	02/25/2009
FW17B-4-022409DMS	JWG0900735-2	02/24/2009	02/25/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Al Wray Name: Al Wray

Date: 3-4-09 Title: Analyst

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-03-022309	**Units:**	ug/L
Lab Code:	J0900930-001	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	104	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	106	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	99	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-04-022309	**Units:**	ug/L
Lab Code:	J0900930-002	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	102	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	106	75-120	02/26/09	Acceptable
Toluene-d8	99	88-117	02/26/09	Acceptable
Dibromofluoromethane	100	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-04-022409	**Units:**	ug/L
Lab Code:	J0900930-003	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	109	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	108	75-120	02/26/09	Acceptable
Toluene-d8	102	88-117	02/26/09	Acceptable
Dibromofluoromethane	102	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-005	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	103	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	100	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW99D-022409	**Units:**	ug/L
Lab Code:	J0900930-006	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	102	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	97	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-02-022409	**Units:**	ug/L
Lab Code:	J0900930-007	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	112	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	108	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	101	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-01-022409	**Units:**	ug/L
Lab Code:	J0900930-008	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	105	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	102	75-120	02/26/09	Acceptable
Toluene-d8	103	88-117	02/26/09	Acceptable
Dibromofluoromethane	98	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-04-022409	**Units:**	ug/L
Lab Code:	J0900930-009	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	108	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	106	75-120	02/26/09	Acceptable
Toluene-d8	100	88-117	02/26/09	Acceptable
Dibromofluoromethane	99	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-010	**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	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	112	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	106	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	103	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FB-01-022309	**Units:**	ug/L
Lab Code:	J0900930-011	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	109	75-120	02/27/09	Acceptable
Toluene-d8	99	88-117	02/27/09	Acceptable
Dibromofluoromethane	98	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	EB-01-022309	**Units:**	ug/L
Lab Code:	J0900930-013	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	108	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	107	75-120	02/27/09	Acceptable
Toluene-d8	101	88-117	02/27/09	Acceptable
Dibromofluoromethane	97	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-2-022409	**Units:**	ug/L
Lab Code:	J0900930-014	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	103	75-120	02/27/09	Acceptable
Toluene-d8	100	88-117	02/27/09	Acceptable
Dibromofluoromethane	101	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW15B-1-022409
Lab Code: J0900930-015

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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	103	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	107	75-120	02/27/09	Acceptable
Toluene-d8	104	88-117	02/27/09	Acceptable
Dibromofluoromethane	99	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW17B-2-022409
Lab Code: J0900930-016

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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	108	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	108	75-120	02/27/09	Acceptable
Toluene-d8	101	88-117	02/27/09	Acceptable
Dibromofluoromethane	102	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW17B-3-022409
Lab Code: J0900930-017

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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	112	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	101	75-120	02/27/09	Acceptable
Toluene-d8	100	88-117	02/27/09	Acceptable
Dibromofluoromethane	102	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW17B-4-022409
Lab Code: J0900930-018

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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	101	75-120	02/27/09	Acceptable
Toluene-d8	100	88-117	02/27/09	Acceptable
Dibromofluoromethane	99	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW99C-022409
Lab Code: J0900930-019

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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	107	75-120	02/27/09	Acceptable
Toluene-d8	102	88-117	02/27/09	Acceptable
Dibromofluoromethane	100	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank-022409	**Units:**	ug/L
Lab Code:	J0900930-020	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	102	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	109	75-120	02/27/09	Acceptable
Toluene-d8	102	88-117	02/27/09	Acceptable
Dibromofluoromethane	94	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-021	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	104	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	107	75-120	02/27/09	Acceptable
Toluene-d8	100	88-117	02/27/09	Acceptable
Dibromofluoromethane	100	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900692-2	**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	0.52	1	02/26/09	02/26/09	JWG0900692	
Toluene	ND	U	1.0	0.52	1	02/26/09	02/26/09	JWG0900692	
Ethylbenzene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	
m,p-Xylenes	ND	U	2.0	0.22	1	02/26/09	02/26/09	JWG0900692	
o-Xylene	ND	U	1.0	0.10	1	02/26/09	02/26/09	JWG0900692	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	100	71-122	02/26/09	Acceptable
4-Bromofluorobenzene	102	75-120	02/26/09	Acceptable
Toluene-d8	101	88-117	02/26/09	Acceptable
Dibromofluoromethane	99	82-116	02/26/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900701-4	**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	0.52	1	02/27/09	02/27/09	JWG0900701	
Toluene	ND	U	1.0	0.52	1	02/27/09	02/27/09	JWG0900701	
Ethylbenzene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	
m,p-Xylenes	ND	U	2.0	0.22	1	02/27/09	02/27/09	JWG0900701	
o-Xylene	ND	U	1.0	0.10	1	02/27/09	02/27/09	JWG0900701	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	104	71-122	02/27/09	Acceptable
4-Bromofluorobenzene	107	75-120	02/27/09	Acceptable
Toluene-d8	101	88-117	02/27/09	Acceptable
Dibromofluoromethane	101	82-116	02/27/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900735-4

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	0.52	1	03/03/09	03/03/09	JWG0900735	
Toluene	ND	U	1.0	0.52	1	03/03/09	03/03/09	JWG0900735	
Ethylbenzene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900735	
m,p-Xylenes	ND	U	2.0	0.22	1	03/03/09	03/03/09	JWG0900735	
o-Xylene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900735	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	112	71-122	03/03/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/03/09	Acceptable
Toluene-d8	97	88-117	03/03/09	Acceptable
Dibromofluoromethane	100	82-116	03/03/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930

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
FW24C-03-022309	J0900930-001	104	106	101	99
FW24C-04-022309	J0900930-002	102	106	99	100
FW10B-04-022409	J0900930-003	109	108	102	102
FW10B-03-022409	J0900930-005	106	103	101	100
FW99D-022409	J0900930-006	107	102	101	97
FW10B-02-022409	J0900930-007	112	108	101	101
FW10B-01-022409	J0900930-008	105	102	103	98
FW19B-04-022409	J0900930-009	108	106	100	99
FW19B-03-022409	J0900930-010	112	106	101	103
FB-01-022309	J0900930-011	110	109	99	98
EB-01-022309	J0900930-013	108	107	101	97
FW15B-2-022409	J0900930-014	110	103	100	101
FW15B-1-022409	J0900930-015	103	107	104	99
FW17B-2-022409	J0900930-016	108	108	101	102
FW17B-3-022409	J0900930-017	112	101	100	102
FW17B-4-022409	J0900930-018	107	101	100	99
FW99C-022409	J0900930-019	106	107	102	100
Trip Blank-022409	J0900930-020	102	109	102	94
FW15B-03-022409	J0900930-021	104	107	100	100
Method Blank	JWG0900692-2	100	102	101	99
Method Blank	JWG0900701-4	104	107	101	101
Method Blank	JWG0900735-4	112	105	97	100
FW17B-4-022409MS	JWG0900735-1	115	104	97	107
FW17B-4-022409DMS	JWG0900735-2	114	100	98	112
Lab Control Sample	JWG0900692-1	108	104	103	102
Lab Control Sample	JWG0900701-3	105	105	100	102
Lab Control Sample	JWG0900735-3	112	103	96	106

Surrogate Recovery Control Limits (%)

Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/26/2009
Time Analyzed: 16:44

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B26.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0900693-2
Analysis Lot: JWG0900693
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	244,988	11.16	244,601	8.77	700,308	5.38
	Upper Limit ==>	489,976	11.66	489,202	9.27	1,400,616	5.88
	Lower Limit ==>	122,494	10.66	122,301	8.27	350,154	4.88
	ICAL Result ==>	194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900692-1	248,141	11.16	242,576	8.77	724,970	5.38
Method Blank	JWG0900692-2	245,641	11.16	250,545	8.76	701,787	5.38
FW24C-03-022309	J0900930-001	252,064	11.16	248,391	8.76	722,774	5.38
FW24C-04-022309	J0900930-002	249,762	11.16	249,363	8.76	724,873	5.39
FW10B-04-022409	J0900930-003	245,360	11.16	250,886	8.76	712,429	5.38
FW10B-03-022409	J0900930-005	247,278	11.16	245,950	8.76	668,176	5.38
FW99D-022409	J0900930-006	252,401	11.16	253,403	8.76	735,857	5.38
FW10B-02-022409	J0900930-007	234,844	11.16	252,805	8.77	713,617	5.38
FW10B-01-022409	J0900930-008	250,067	11.16	241,318	8.76	735,115	5.38
FW19B-04-022409	J0900930-009	240,075	11.16	252,552	8.76	698,971	5.38
FW19B-03-022409	J0900930-010	251,602	11.16	250,503	8.76	720,812	5.38

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/27/2009
Time Analyzed: 08:26

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B27.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0900702-2
Analysis Lot: JWG0900702
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	253,064	11.16	246,877	8.77	697,446	5.39
	Upper Limit ==>	506,128	11.66	493,754	9.27	1,394,892	5.89
	Lower Limit ==>	126,532	10.66	123,439	8.27	348,723	4.89
	ICAL Result ==>	194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900701-3	250,962	11.16	250,654	8.77	717,609	5.39
Method Blank	JWG0900701-4	237,999	11.16	245,057	8.77	707,101	5.39
FB-01-022309	J0900930-011	247,019	11.16	255,438	8.77	732,822	5.39
EB-01-022309	J0900930-013	241,234	11.16	241,624	8.77	701,011	5.39
FW15B-2-022409	J0900930-014	258,491	11.16	252,667	8.77	692,171	5.39
FW15B-1-022409	J0900930-015	238,130	11.17	248,230	8.77	730,229	5.39
FW17B-2-022409	J0900930-016	241,149	11.17	245,088	8.77	717,068	5.39
FW17B-3-022409	J0900930-017	253,649	11.16	251,186	8.77	675,389	5.39
FW17B-4-022409	J0900930-018	243,211	11.16	239,088	8.77	667,035	5.39
FW99C-022409	J0900930-019	246,324	11.16	251,520	8.77	731,273	5.39
Trip Blank-022409	J0900930-020	243,542	11.17	246,764	8.77	685,469	5.40
FW15B-03-022409	J0900930-021	236,578	11.17	237,346	8.77	642,569	5.39

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/03/2009
Time Analyzed: 10:46

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C03.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0900737-2
Analysis Lot: JWG0900737
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	254,350	11.16	261,857	8.76	740,647	5.38
	Upper Limit ==>	508,700	11.66	523,714	9.26	1,481,294	5.88
	Lower Limit ==>	127,175	10.66	130,929	8.26	370,324	4.88
	ICAL Result ==>	194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900735-3	253,256	11.16	262,283	8.76	725,563	5.38
Method Blank	JWG0900735-4	260,913	11.16	271,917	8.76	726,240	5.38
FW17B-4-022409MS	JWG0900735-1	254,046	11.16	261,914	8.76	716,433	5.37
FW17B-4-022409DMS	JWG0900735-2	253,477	11.16	260,820	8.75	667,941	5.37

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water	**Date Analyzed:**	03/03/2009

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

Sample Name:	FW17B-4-022409	**Units:**	ug/L
Lab Code:	J0900930-018	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900735

Analyte Name	Sample Result	FW17B-4-022409MS JWG0900735-1 Matrix Spike			FW17B-4-022409DMS JWG0900735-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	22.2	20.0	111	23.5	20.0	118	78-123	6	30
Toluene	ND	19.5	20.0	98	20.1	20.0	101	86-119	3	30
Ethylbenzene	ND	20.9	20.0	104	21.4	20.0	107	87-122	2	30
m,p-Xylenes	ND	38.3	40.0	96	40.1	40.0	100	82-120	4	30
o-Xylene	ND	20.3	20.0	102	20.7	20.0	103	85-119	2	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.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	02/26/2009

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:	JWG0900692

	Lab Control Sample JWG0900692-1 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	18.9	20.0	95	79-119
Toluene	19.7	20.0	98	86-117
Ethylbenzene	20.6	20.0	103	90-118
m,p-Xylenes	39.2	40.0	98	86-121
o-Xylene	19.8	20.0	99	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	02/27/2009

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:	JWG0900701

	Lab Control Sample JWG0900701-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	19.6	20.0	98	79-119
Toluene	18.7	20.0	93	86-117
Ethylbenzene	19.6	20.0	98	90-118
m,p-Xylenes	37.8	40.0	95	86-121
o-Xylene	19.6	20.0	98	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water	**Date Analyzed:**	03/03/2009

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:	JWG0900735

	Lab Control Sample JWG0900735-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	21.0	20.0	105	79-119
Toluene	19.2	20.0	96	86-117
Ethylbenzene	19.9	20.0	100	90-118
m,p-Xylenes	37.2	40.0	93	86-121
o-Xylene	19.8	20.0	99	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	02/26/2009
		Time Analyzed:	18:35

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539B26.B\0226-24.D
Lab Code:	JWG0900692-2	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900692

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900692-1	J:\MS53\DATA\MS539B26.B\0226-22.D	02/26/09	17:39
FW24C-03-022309	J0900930-001	J:\MS53\DATA\MS539B26.B\0226-25.D	02/26/09	19:03
FW24C-04-022309	J0900930-002	J:\MS53\DATA\MS539B26.B\0226-26.D	02/26/09	19:31
FW10B-04-022409	J0900930-003	J:\MS53\DATA\MS539B26.B\0226-27.D	02/26/09	19:58
FW10B-03-022409	J0900930-005	J:\MS53\DATA\MS539B26.B\0226-28.D	02/26/09	20:26
FW99D-022409	J0900930-006	J:\MS53\DATA\MS539B26.B\0226-29.D	02/26/09	20:54
FW10B-02-022409	J0900930-007	J:\MS53\DATA\MS539B26.B\0226-30.D	02/26/09	21:22
FW10B-01-022409	J0900930-008	J:\MS53\DATA\MS539B26.B\0226-31.D	02/26/09	21:50
FW19B-04-022409	J0900930-009	J:\MS53\DATA\MS539B26.B\0226-32.D	02/26/09	22:17
FW19B-03-022409	J0900930-010	J:\MS53\DATA\MS539B26.B\0226-33.D	02/26/09	22:45

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	02/27/2009
		Time Analyzed:	10:17

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539B27.B\0227-06.D
Lab Code:	JWG0900701-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900701

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900701-3	J:\MS53\DATA\MS539B27.B\0227-04.D	02/27/09	09:22
FB-01-022309	J0900930-011	J:\MS53\DATA\MS539B27.B\0227-09.D	02/27/09	11:40
EB-01-022309	J0900930-013	J:\MS53\DATA\MS539B27.B\0227-10.D	02/27/09	12:08
FW15B-2-022409	J0900930-014	J:\MS53\DATA\MS539B27.B\0227-11.D	02/27/09	12:36
FW15B-1-022409	J0900930-015	J:\MS53\DATA\MS539B27.B\0227-12.D	02/27/09	13:04
FW17B-2-022409	J0900930-016	J:\MS53\DATA\MS539B27.B\0227-13.D	02/27/09	13:32
FW17B-3-022409	J0900930-017	J:\MS53\DATA\MS539B27.B\0227-14.D	02/27/09	14:00
FW17B-4-022409	J0900930-018	J:\MS53\DATA\MS539B27.B\0227-15.D	02/27/09	14:27
FW99C-022409	J0900930-019	J:\MS53\DATA\MS539B27.B\0227-16.D	02/27/09	14:55
Trip Blank-022409	J0900930-020	J:\MS53\DATA\MS539B27.B\0227-17.D	02/27/09	15:23
FW15B-03-022409	J0900930-021	J:\MS53\DATA\MS539B27.B\0227-18.D	02/27/09	15:51

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water	**Date Analyzed:**	03/03/2009
		Time Analyzed:	12:37

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539C03.B\0303-06.D
Lab Code:	JWG0900735-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900735

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900735-3	J:\MS53\DATA\MS539C03.B\0303-04.D	03/03/09	11:41
FW17B-4-022409MS	JWG0900735-1	J:\MS53\DATA\MS539C03.B\0303-25.D	03/03/09	21:25
FW17B-4-022409DMS	JWG0900735-2	J:\MS53\DATA\MS539C03.B\0303-26.D	03/03/09	21:53

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	02/26/2009
		Time Analyzed:	17:39

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539B26.B\0226-22.D
Lab Code:	JWG0900692-1	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900692

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900692-2	J:\MS53\DATA\MS539B26.B\0226-24.D	02/26/09	18:35
FW24C-03-022309	J0900930-001	J:\MS53\DATA\MS539B26.B\0226-25.D	02/26/09	19:03
FW24C-04-022309	J0900930-002	J:\MS53\DATA\MS539B26.B\0226-26.D	02/26/09	19:31
FW10B-04-022409	J0900930-003	J:\MS53\DATA\MS539B26.B\0226-27.D	02/26/09	19:58
FW10B-03-022409	J0900930-005	J:\MS53\DATA\MS539B26.B\0226-28.D	02/26/09	20:26
FW99D-022409	J0900930-006	J:\MS53\DATA\MS539B26.B\0226-29.D	02/26/09	20:54
FW10B-02-022409	J0900930-007	J:\MS53\DATA\MS539B26.B\0226-30.D	02/26/09	21:22
FW10B-01-022409	J0900930-008	J:\MS53\DATA\MS539B26.B\0226-31.D	02/26/09	21:50
FW19B-04-022409	J0900930-009	J:\MS53\DATA\MS539B26.B\0226-32.D	02/26/09	22:17
FW19B-03-022409	J0900930-010	J:\MS53\DATA\MS539B26.B\0226-33.D	02/26/09	22:45

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	02/27/2009
		Time Analyzed:	09:22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539B27.B\0227-04.D
Lab Code:	JWG0900701-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900701

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900701-4	J:\MS53\DATA\MS539B27.B\0227-06.D	02/27/09	10:17
FB-01-022309	J0900930-011	J:\MS53\DATA\MS539B27.B\0227-09.D	02/27/09	11:40
EB-01-022309	J0900930-013	J:\MS53\DATA\MS539B27.B\0227-10.D	02/27/09	12:08
FW15B-2-022409	J0900930-014	J:\MS53\DATA\MS539B27.B\0227-11.D	02/27/09	12:36
FW15B-1-022409	J0900930-015	J:\MS53\DATA\MS539B27.B\0227-12.D	02/27/09	13:04
FW17B-2-022409	J0900930-016	J:\MS53\DATA\MS539B27.B\0227-13.D	02/27/09	13:32
FW17B-3-022409	J0900930-017	J:\MS53\DATA\MS539B27.B\0227-14.D	02/27/09	14:00
FW17B-4-022409	J0900930-018	J:\MS53\DATA\MS539B27.B\0227-15.D	02/27/09	14:27
FW99C-022409	J0900930-019	J:\MS53\DATA\MS539B27.B\0227-16.D	02/27/09	14:55
Trip Blank-022409	J0900930-020	J:\MS53\DATA\MS539B27.B\0227-17.D	02/27/09	15:23
FW15B-03-022409	J0900930-021	J:\MS53\DATA\MS539B27.B\0227-18.D	02/27/09	15:51

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water	**Date Analyzed:**	03/03/2009
		Time Analyzed:	11:41

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539C03.B\0303-04.D
Lab Code:	JWG0900735-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900735

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900735-4	J:\MS53\DATA\MS539C03.B\0303-06.D	03/03/09	12:37
FW17B-4-022409MS	JWG0900735-1	J:\MS53\DATA\MS539C03.B\0303-25.D	03/03/09	21:25
FW17B-4-022409DMS	JWG0900735-2	J:\MS53\DATA\MS539C03.B\0303-26.D	03/03/09	21:53

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/26/2009
Time Analyzed: 16:21

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B26.B\0226-19.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900693

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	15.8	6192	PASS
75	95	30	60	35.3	13832	PASS
95	95	100	100	100.0	39232	PASS
96	95	5	9	6.0	2357	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	68.7	26968	PASS
175	174	5	9	7.5	2017	PASS
176	174	95	101	98.5	26552	PASS
177	176	5	9	6.1	1615	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900693-2	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	16:44	
Lab Control Sample	JWG0900692-1	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	17:39	
Method Blank	JWG0900692-2	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	18:35	
FW24C-03-022309	J0900930-001	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	19:03	
FW24C-04-022309	J0900930-002	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	19:31	
FW10B-04-022409	J0900930-003	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	19:58	
FW10B-03-022409	J0900930-005	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	20:26	
FW99D-022409	J0900930-006	J:\MS53\DATA\MS539B26.B\0226-2	02/26/2009	20:54	
FW10B-02-022409	J0900930-007	J:\MS53\DATA\MS539B26.B\0226-3	02/26/2009	21:22	
FW10B-01-022409	J0900930-008	J:\MS53\DATA\MS539B26.B\0226-3	02/26/2009	21:50	
FW19B-04-022409	J0900930-009	J:\MS53\DATA\MS539B26.B\0226-3	02/26/2009	22:17	
FW19B-03-022409	J0900930-010	J:\MS53\DATA\MS539B26.B\0226-3	02/26/2009	22:45	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/27/2009
Time Analyzed: 07:24

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B27.B\0227-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900702

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	16.0	6882	PASS
75	95	30	60	35.4	15256	PASS
95	95	100	100	100.0	43112	PASS
96	95	5	9	6.5	2801	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	71.0	30600	PASS
175	174	5	9	7.3	2242	PASS
176	174	95	101	95.5	29216	PASS
177	176	5	9	7.0	2041	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900702-2	J:\MS53\DATA\MS539B27.B\0227-0	02/27/2009	08:26	
Lab Control Sample	JWG0900701-3	J:\MS53\DATA\MS539B27.B\0227-0	02/27/2009	09:22	
Method Blank	JWG0900701-4	J:\MS53\DATA\MS539B27.B\0227-0	02/27/2009	10:17	
FB-01-022309	J0900930-011	J:\MS53\DATA\MS539B27.B\0227-0	02/27/2009	11:40	
EB-01-022309	J0900930-013	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	12:08	
FW15B-2-022409	J0900930-014	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	12:36	
FW15B-1-022409	J0900930-015	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	13:04	
FW17B-2-022409	J0900930-016	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	13:32	
FW17B-3-022409	J0900930-017	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	14:00	
FW17B-4-022409	J0900930-018	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	14:27	
FW99C-022409	J0900930-019	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	14:55	
Trip Blank-022409	J0900930-020	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	15:23	
FW15B-03-022409	J0900930-021	J:\MS53\DATA\MS539B27.B\0227-1	02/27/2009	15:51	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/03/2009
Time Analyzed: 10:21

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C03.B\0303-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900737

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	15.6	7427	PASS
75	95	30	60	37.6	17832	PASS
95	95	100	100	100.0	47472	PASS
96	95	5	9	6.4	3020	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	70.5	33488	PASS
175	174	5	9	7.6	2529	PASS
176	174	95	101	97.2	32552	PASS
177	176	5	9	6.4	2097	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900737-2	J:\MS53\DATA\MS539C03.B\0303-0	03/03/2009	10:46	
Lab Control Sample	JWG0900735-3	J:\MS53\DATA\MS539C03.B\0303-0	03/03/2009	11:41	
Method Blank	JWG0900735-4	J:\MS53\DATA\MS539C03.B\0303-0	03/03/2009	12:37	
FW17B-4-022409MS	JWG0900735-1	J:\MS53\DATA\MS539C03.B\0303-2	03/03/2009	21:25	
FW17B-4-022409DMS	JWG0900735-2	J:\MS53\DATA\MS539C03.B\0303-2	03/03/2009	21:53	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752 **Column:** DB-VRX
Instrument ID: MS53.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	E	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
B	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	F	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
C	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	G	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
D	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	H	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.02	B	2.0	1.04	C	5.0	0.947	D	20	0.979	E	50	0.993
	F	100	0.941	G	150	0.924	H	200	0.959						
‡ Toluene	A	1.0	3.20	B	2.0	3.11	C	5.0	2.82	D	20	2.89	E	50	2.96
	F	100	2.80	G	150	2.67	H	200	2.76						
‡ Ethylbenzene	A	1.0	3.20	B	2.0	3.20	C	5.0	2.98	D	20	3.10	E	50	3.17
	F	100	2.98	G	150	2.85	H	200	2.88						
m,p-Xylenes	A	2.0	1.37	B	4.0	1.35	C	10	1.23	D	40	1.27	E	100	1.31
	F	200	1.19	G	300	1.10	H	400	1.07						
o-Xylene	A	1.0	2.54	B	2.0	2.43	C	5.0	2.30	D	20	2.34	E	50	2.36
	F	100	2.22	G	150	2.12	H	200	2.11						
1,2-Dichloroethane-d4							C	10	0.140	D	20	0.133	E	50	0.148
	F	100	0.145	G	150	0.143	H	200	0.147						
4-Bromofluorobenzene							C	10	0.745	D	20	0.689	E	50	0.859
	F	100	0.806	G	150	0.798	H	200	0.845						
Toluene-d8							C	10	2.19	D	20	1.89	E	50	2.49
	F	100	2.29	G	150	2.18	H	200	2.27						
Dibromofluoromethane							C	10	0.222	D	20	0.199	E	50	0.248
	F	100	0.236	G	150	0.235	H	200	0.235						
† Chlorobenzene	A	1.0	2.17	B	2.0	2.16	C	5.0	1.90	D	20	2.03	E	50	2.02
	F	100	1.89	G	150	1.81	H	200	1.79						
‡ Chloroform	A	1.0	0.363	B	2.0	0.382	C	5.0	0.323	D	20	0.348	E	50	0.362
	F	100	0.354	G	150	0.360	H	200	0.365						
† Chloromethane	A	1.0	0.439	B	2.0	0.408	C	5.0	0.357	D	20	0.353	E	50	0.379
	F	100	0.358	G	150	0.373	H	200	0.366						
‡ Vinyl Chloride	A	1.0	0.292	B	2.0	0.313	C	5.0	0.290	D	20	0.306	E	50	0.336
	F	100	0.312	G	150	0.317	H	200	0.310						
† Bromoform				B	2.0	0.330	C	5.0	0.346	D	20	0.378	E	50	0.376
	F	100	0.383	G	150	0.381	H	200	0.391						

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752
Instrument ID: MS53.i

Column: DB-VRX

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.439	B	2.0	0.459	C	5.0	0.409	D	20	0.436	E	50	0.446
	F	100	0.430	G	150	0.431	H	200	0.437						
‡ 1,1-Dichloroethene	A	1.0	0.260	B	2.0	0.254	C	5.0	0.263	D	20	0.262	E	50	0.283
	F	100	0.263	G	150	0.256	H	200	0.235						
‡ 1,2-Dichloropropane	A	1.0	0.258	B	2.0	0.275	C	5.0	0.251	D	20	0.264	E	50	0.268
	F	100	0.258	G	150	0.256	H	200	0.263						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.640	B	2.0	0.668	C	5.0	0.638	D	20	0.661	E	50	0.624
	F	100	0.634	G	150	0.627	H	200	0.633						

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† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752
Instrument ID: MS53.i

Column: DB-VRX

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	4.1		≤ 15	0.975		0.01
‡ Toluene	MS	AverageRF	% RSD	6.2		≤ 15	2.90		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	4.6		≤ 15	3.04		0.01
m,p-Xylenes	MS	AverageRF	% RSD	9.0		≤ 15	1.24		0.01
o-Xylene	MS	AverageRF	% RSD	6.4		≤ 15	2.30		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	3.8		≤ 15	0.143		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	8.1		≤ 15	0.790		
Toluene-d8	SURR	AverageRF	% RSD	8.9		≤ 15	2.22		
Dibromofluoromethane	SURR	AverageRF	% RSD	7.4		≤ 15	0.229		
† Chlorobenzene	MS	AverageRF	% RSD	7.5		≤ 15	1.97		0.3
‡ Chloroform	MS	AverageRF	% RSD	4.7		≤ 15	0.357		0.01
† Chloromethane	MS	AverageRF	% RSD	7.9		≤ 15	0.379		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	4.6		≤ 15	0.310		0.01
† Bromoform	MS	AverageRF	% RSD	6.1		≤ 15	0.369		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	3.3		≤ 15	0.436		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	5.1		≤ 15	0.260		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	2.8		≤ 15	0.262		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	2.4		≤ 15	0.641		0.3

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 02/20/2009
Date Analyzed: 02/20/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1752
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\0220-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	51	0.975	1.00	3	NA	± 30 %	AverageRF
‡ Toluene	50	50	2.90	2.93	1	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	51	3.04	3.13	3	NA	± 30 %	AverageRF
m,p-Xylenes	100	100	1.24	1.27	3	NA	± 30 %	AverageRF
o-Xylene	50	51	2.30	2.36	3	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.641	0.633	-1	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	52	0.436	0.452	4	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	54	0.260	0.278	7	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	50	0.262	0.260	0	NA	± 30 %	AverageRF
† Bromoform	50	51	0.369	0.377	2	NA	± 30 %	AverageRF
† Chlorobenzene	50	50	1.97	1.99	1	NA	± 30 %	AverageRF
‡ Chloroform	50	50	0.357	0.358	0	NA	± 30 %	AverageRF
† Chloromethane	50	51	0.379	0.383	1	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	53	0.310	0.327	6	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/26/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 02/20/2009
ICAL ID: CAL1752
Analysis Lot: JWG0900693
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B26.B\0226-20.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	50	0.01	0.975	0.984	1	NA	± 30 %	AverageRF
‡ Toluene	50	48	0.01	2.90	2.79	-4	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	51	0.01	3.04	3.08	1	NA	± 20 %	AverageRF
m,p-Xylenes	100	98	0.01	1.24	1.21	-2	NA	± 30 %	AverageRF
o-Xylene	50	51	0.01	2.30	2.34	2	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	51		0.143	0.144	1	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	52		0.790	0.817	3	NA	± 30 %	AverageRF
Toluene-d8	50	50		2.22	2.24	1	NA	± 30 %	AverageRF
Dibromofluoromethane	50	50		0.229	0.228	0	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	46	0.3	0.641	0.589	-8	NA	± 30 %	AverageRF
† Chlorobenzene	50	47	0.3	1.97	1.87	-5	NA	± 30 %	AverageRF
‡ Chloroform	50	53	0.01	0.357	0.378	6	NA	± 20 %	AverageRF
† Chloromethane	50	49	0.1	0.379	0.368	-3	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	52	0.01	0.310	0.323	4	NA	± 20 %	AverageRF
† Bromoform	50	42	0.1	0.369	0.311	-16	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	52	0.1	0.436	0.449	3	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	55	0.01	0.260	0.288	11	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	48	0.01	0.262	0.253	-3	NA	± 20 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 02/27/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 02/20/2009
ICAL ID: CAL1752
Analysis Lot: JWG0900702
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539B27.B\0227-02.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	50	0.01	0.975	0.982	1	NA	± 30 %	AverageRF
‡ Toluene	50	48	0.01	2.90	2.78	-4	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	51	0.01	3.04	3.11	2	NA	± 20 %	AverageRF
m,p-Xylenes	100	98	0.01	1.24	1.21	-2	NA	± 30 %	AverageRF
o-Xylene	50	50	0.01	2.30	2.32	1	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	52		0.143	0.147	3	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	52		0.790	0.823	4	NA	± 30 %	AverageRF
Toluene-d8	50	50		2.22	2.21	0	NA	± 30 %	AverageRF
Dibromofluoromethane	50	50		0.229	0.230	1	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	50	0.3	0.641	0.643	0	NA	± 30 %	AverageRF
† Chlorobenzene	50	47	0.3	1.97	1.86	-6	NA	± 30 %	AverageRF
‡ Chloroform	50	54	0.01	0.357	0.383	7	NA	± 20 %	AverageRF
† Chloromethane	50	51	0.1	0.379	0.389	2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	53	0.01	0.310	0.331	7	NA	± 20 %	AverageRF
† Bromoform	50	45	0.1	0.369	0.333	-10	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	51	0.1	0.436	0.446	2	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	54	0.01	0.260	0.279	7	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	50	0.01	0.262	0.262	0	NA	± 20 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/03/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type:	Internal Standard	**ICAL Date:**	02/20/2009
Analysis Method:	8260B	**ICAL ID:**	CAL1752
		Analysis Lot:	JWG0900737
		Units:	ug/L
File ID:	\\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C03.B\0303-02.D	**Column ID:**	DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	48	0.01	0.975	0.945	-3	NA	± 30 %	AverageRF
‡ Toluene	50	45	0.01	2.90	2.60	-11	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	46	0.01	3.04	2.82	-7	NA	± 20 %	AverageRF
m,p-Xylenes	100	88	0.01	1.24	1.09	-12	NA	± 30 %	AverageRF
o-Xylene	50	47	0.01	2.30	2.18	-5	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	53		0.143	0.150	5	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	51		0.790	0.806	2	NA	± 30 %	AverageRF
Toluene-d8	50	49		2.22	2.16	-2	NA	± 30 %	AverageRF
Dibromofluoromethane	50	51		0.229	0.232	1	NA	± 30 %	AverageRF
† Chlorobenzene	50	44	0.3	1.97	1.73	-12	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	47	0.01	0.310	0.291	-6	NA	± 20 %	AverageRF
‡ Chloroform	50	52	0.01	0.357	0.374	5	NA	± 20 %	AverageRF
† Chloromethane	50	44	0.1	0.379	0.335	-12	NA	± 30 %	AverageRF
† Bromoform	50	41	0.1	0.369	0.302	-18	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.1	0.436	0.430	-1	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	50	0.01	0.260	0.262	1	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	49	0.01	0.262	0.254	-3	NA	± 20 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	47	0.3	0.641	0.603	-6	NA	± 30 %	AverageRF

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† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900693
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0226-19.D	GC/MS Tuning - Bromofluorobenzene	JWG0900693-1	2/26/2009	16:21		2/26/2009	16:21
\0226-20.D	Continuing Calibration Verification	JWG0900693-2	2/26/2009	16:44		2/26/2009	16:44
\0226-22.D	Lab Control Sample	JWG0900692-1	2/26/2009	17:39		2/26/2009	17:39
\0226-24.D	Method Blank	JWG0900692-2	2/26/2009	18:35		2/26/2009	18:35
\0226-25.D	FW24C-03-022309	J0900930-001	2/26/2009	19:03		2/26/2009	19:03
\0226-26.D	FW24C-04-022309	J0900930-002	2/26/2009	19:31		2/26/2009	19:31
\0226-27.D	FW10B-04-022409	J0900930-003	2/26/2009	19:58		2/26/2009	19:58
\0226-28.D	FW10B-03-022409	J0900930-005	2/26/2009	20:26		2/26/2009	20:26
\0226-29.D	FW99D-022409	J0900930-006	2/26/2009	20:54		2/26/2009	20:54
\0226-30.D	FW10B-02-022409	J0900930-007	2/26/2009	21:22		2/26/2009	21:22
\0226-31.D	FW10B-01-022409	J0900930-008	2/26/2009	21:50		2/26/2009	21:50
\0226-32.D	FW19B-04-022409	J0900930-009	2/26/2009	22:17		2/26/2009	22:17
\0226-33.D	FW19B-03-022409	J0900930-010	2/26/2009	22:45		2/26/2009	22:45

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900702
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0227-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900702-1	2/27/2009	07:24		2/27/2009	07:24
\0227-02.D	Continuing Calibration Verification	JWG0900702-2	2/27/2009	08:26		2/27/2009	08:26
\0227-04.D	Lab Control Sample	JWG0900701-3	2/27/2009	09:22		2/27/2009	09:22
0227-04A.D	ZZZZZZ	ZZZZZZ	2/27/2009	09:22		2/27/2009	09:22
\0227-06.D	Method Blank	JWG0900701-4	2/27/2009	10:17		2/27/2009	10:17
\0227-07.D	ZZZZZZ	ZZZZZZ	2/27/2009	10:45		2/27/2009	10:45
\0227-08.D	ZZZZZZ	ZZZZZZ	2/27/2009	11:13		2/27/2009	11:13
\0227-09.D	FB-01-022309	J0900930-011	2/27/2009	11:40		2/27/2009	11:40
\0227-10.D	EB-01-022309	J0900930-013	2/27/2009	12:08		2/27/2009	12:08
\0227-11.D	FW15B-2-022409	J0900930-014	2/27/2009	12:36		2/27/2009	12:36
\0227-12.D	FW15B-1-022409	J0900930-015	2/27/2009	13:04		2/27/2009	13:04
\0227-13.D	FW17B-2-022409	J0900930-016	2/27/2009	13:32		2/27/2009	13:32
\0227-14.D	FW17B-3-022409	J0900930-017	2/27/2009	14:00		2/27/2009	14:00
\0227-15.D	FW17B-4-022409	J0900930-018	2/27/2009	14:27		2/27/2009	14:27
\0227-16.D	FW99C-022409	J0900930-019	2/27/2009	14:55		2/27/2009	14:55
\0227-17.D	Trip Blank-022409	J0900930-020	2/27/2009	15:23		2/27/2009	15:23
\0227-18.D	FW15B-03-022409	J0900930-021	2/27/2009	15:51		2/27/2009	15:51
\0227-19.D	ZZZZZZ	ZZZZZZ	2/27/2009	16:18		2/27/2009	16:18
\0227-20.D	ZZZZZZ	ZZZZZZ	2/27/2009	16:46		2/27/2009	16:46
\0227-21.D	ZZZZZZ	ZZZZZZ	2/27/2009	17:14		2/27/2009	17:14
\0227-22.D	ZZZZZZ	ZZZZZZ	2/27/2009	17:42		2/27/2009	17:42
\0227-23.D	ZZZZZZ	ZZZZZZ	2/27/2009	18:09		2/27/2009	18:09
\0227-24.D	ZZZZZZ	ZZZZZZ	2/27/2009	18:37		2/27/2009	18:37
\0227-25.D	ZZZZZZ	ZZZZZZ	2/27/2009	19:05		2/27/2009	19:05

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900737
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0303-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900737-1	3/3/2009	10:21		3/3/2009	10:21
\0303-02.D	Continuing Calibration Verification	JWG0900737-2	3/3/2009	10:46		3/3/2009	10:46
\0303-04.D	Lab Control Sample	JWG0900735-3	3/3/2009	11:41		3/3/2009	11:41
\0303-06.D	Method Blank	JWG0900735-4	3/3/2009	12:37		3/3/2009	12:37
\0303-07.D	ZZZZZZ	ZZZZZZ	3/3/2009	13:05		3/3/2009	13:05
\0303-08.D	ZZZZZZ	ZZZZZZ	3/3/2009	13:33		3/3/2009	13:33
\0303-09.D	ZZZZZZ	ZZZZZZ	3/3/2009	14:00		3/3/2009	14:00
\0303-10.D	ZZZZZZ	ZZZZZZ	3/3/2009	14:28		3/3/2009	14:28
\0303-11.D	ZZZZZZ	ZZZZZZ	3/3/2009	14:56		3/3/2009	14:56
\0303-12.D	ZZZZZZ	ZZZZZZ	3/3/2009	15:24		3/3/2009	15:24
\0303-13.D	ZZZZZZ	ZZZZZZ	3/3/2009	15:52		3/3/2009	15:52
\0303-14.D	ZZZZZZ	ZZZZZZ	3/3/2009	16:20		3/3/2009	16:20
\0303-15.D	ZZZZZZ	ZZZZZZ	3/3/2009	16:47		3/3/2009	16:47
\0303-16.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:15		3/3/2009	17:15
\0303-17.D	ZZZZZZ	ZZZZZZ	3/3/2009	17:43		3/3/2009	17:43
\0303-18.D	ZZZZZZ	ZZZZZZ	3/3/2009	18:11		3/3/2009	18:11
\0303-19.D	ZZZZZZ	ZZZZZZ	3/3/2009	18:39		3/3/2009	18:39
\0303-20.D	ZZZZZZ	ZZZZZZ	3/3/2009	19:06		3/3/2009	19:06
\0303-21.D	ZZZZZZ	ZZZZZZ	3/3/2009	19:34		3/3/2009	19:34
\0303-22.D	ZZZZZZ	ZZZZZZ	3/3/2009	20:02		3/3/2009	20:02
\0303-23.D	ZZZZZZ	ZZZZZZ	3/3/2009	20:30		3/3/2009	20:30
\0303-24.D	ZZZZZZ	ZZZZZZ	3/3/2009	20:58		3/3/2009	20:58
\0303-25.D	FW17B-4-022409MS	JWG0900735-1	3/3/2009	21:25		3/3/2009	21:25
\0303-26.D	FW17B-4-022409DMS	JWG0900735-2	3/3/2009	21:53		3/3/2009	21:53
\0303-27.D	ZZZZZZ	ZZZZZZ	3/3/2009	22:21		3/3/2009	22:21
\0303-28.D	ZZZZZZ	ZZZZZZ	3/3/2009	22:48		3/3/2009	22:48
\0303-29.D	ZZZZZZ	ZZZZZZ	3/3/2009	23:16		3/3/2009	23:16
\0303-30.D	ZZZZZZ	ZZZZZZ	3/3/2009	23:44		3/3/2009	23:44
\0303-31.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:12		3/4/2009	00:12
\0303-32.D	ZZZZZZ	ZZZZZZ	3/4/2009	00:39		3/4/2009	00:39
\0303-33.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:07		3/4/2009	01:07
\0303-34.D	ZZZZZZ	ZZZZZZ	3/4/2009	01:35		3/4/2009	01:35
\0303-35.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:02		3/4/2009	02:02
\0303-36.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:30		3/4/2009	02:30
\0303-37.D	ZZZZZZ	ZZZZZZ	3/4/2009	02:58		3/4/2009	02:58

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900737
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0303-38.D	ZZZZZZ	ZZZZZZ	3/4/2009	03:25		3/4/2009	03:25
\0303-39.D	ZZZZZZ	ZZZZZZ	3/4/2009	03:53		3/4/2009	03:53
\0303-40.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:21		3/4/2009	04:21
\0303-41.D	ZZZZZZ	ZZZZZZ	3/4/2009	04:48		3/4/2009	04:48
\0303-42.D	ZZZZZZ	ZZZZZZ	3/4/2009	05:16		3/4/2009	05:16

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water		

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method:	EPA 5030B	**Extraction Lot:**	JWG0900692
Analysis Method:	8260B	**Level:**	Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW24C-03-022309	J0900930-001	02/23/09	02/25/09	10ml	10ml	NA	
FW24C-04-022309	J0900930-002	02/23/09	02/25/09	10ml	10ml	NA	
FW10B-04-022409	J0900930-003	02/24/09	02/25/09	10ml	10ml	NA	
FW10B-03-022409	J0900930-005	02/24/09	02/25/09	10ml	10ml	NA	
FW99D-022409	J0900930-006	02/24/09	02/25/09	10ml	10ml	NA	
FW10B-02-022409	J0900930-007	02/24/09	02/25/09	10ml	10ml	NA	
FW10B-01-022409	J0900930-008	02/24/09	02/25/09	10ml	10ml	NA	
FW19B-04-022409	J0900930-009	02/24/09	02/25/09	10ml	10ml	NA	
FW19B-03-022409	J0900930-010	02/24/09	02/25/09	10ml	10ml	NA	
Method Blank	JWG0900692-2	NA	NA	10ml	10ml	NA	
Lab Control Sample	JWG0900692-1	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Extracted: 02/27/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900701
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FB-01-022309	J0900930-011	02/23/09	02/25/09	10ml	10ml	NA	
EB-01-022309	J0900930-013	02/23/09	02/25/09	10ml	10ml	NA	
FW15B-2-022409	J0900930-014	02/24/09	02/25/09	10ml	10ml	NA	
FW15B-1-022409	J0900930-015	02/24/09	02/25/09	10ml	10ml	NA	
FW17B-2-022409	J0900930-016	02/24/09	02/25/09	10ml	10ml	NA	
FW17B-3-022409	J0900930-017	02/24/09	02/25/09	10ml	10ml	NA	
FW17B-4-022409	J0900930-018	02/24/09	02/25/09	10ml	10ml	NA	
FW99C-022409	J0900930-019	02/24/09	02/25/09	10ml	10ml	NA	
Trip Blank-022409	J0900930-020	02/24/09	02/25/09	10ml	10ml	NA	
FW15B-03-022409	J0900930-021	02/23/09	02/25/09	10ml	10ml	NA	
Method Blank	JWG0900701-4	NA	NA	10ml	10ml	NA	
Lab Control Sample	JWG0900701-3	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water		

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method:	EPA 5030B	**Extraction Lot:**	JWG0900735
Analysis Method:	8260B	**Level:**	Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
Method Blank	JWG0900735-4	NA	NA	10ml	10ml	NA	
FW17B-4-022409MS	JWG0900735-1	02/24/09	02/25/09	10ml	10ml	NA	
FW17B-4-022409DMS	JWG0900735-2	02/24/09	02/25/09	10ml	10ml	NA	
Lab Control Sample	JWG0900735-3	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Componnds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW24C-03-022309	J0900930-001	02/23/2009	02/25/2009
FW24C-04-022309	J0900930-002	02/23/2009	02/25/2009
FW10B-04-022409	J0900930-003	02/24/2009	02/25/2009
FW10B-03-022409	J0900930-005	02/24/2009	02/25/2009
FW99D-022409	J0900930-006	02/24/2009	02/25/2009
FW10B-02-022409	J0900930-007	02/24/2009	02/25/2009
FW10B-01-022409	J0900930-008	02/24/2009	02/25/2009
FW19B-04-022409	J0900930-009	02/24/2009	02/25/2009
FW19B-03-022409	J0900930-010	02/24/2009	02/25/2009
FB-01-022309	J0900930-011	02/23/2009	02/25/2009
EB-01-022309	J0900930-013	02/23/2009	02/25/2009
FW15B-2-022409	J0900930-014	02/24/2009	02/25/2009
FW15B-1-022409	J0900930-015	02/24/2009	02/25/2009
FW17B-2-022409	J0900930-016	02/24/2009	02/25/2009
FW17B-3-022409	J0900930-017	02/24/2009	02/25/2009
FW17B-4-022409	J0900930-018	02/24/2009	02/25/2009
FW99C-022409	J0900930-019	02/24/2009	02/25/2009
FW15B-03-022409	J0900930-021	02/23/2009	02/25/2009
FW17B-4-022409MS	JWG0900713-1	02/24/2009	02/25/2009
FW17B-4-022409DMS	JWG0900713-2	02/24/2009	02/25/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: William M. Yik

Date: 3/16/9 Title: Scientist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-03-022309	**Units:**	ug/L
Lab Code:	J0900930-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	6.3	0.80	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	6.3	0.97	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	6.3	0.73	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	6.3	1.3	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.84	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	6.3	0.88	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	6.3	0.89	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	6.3	0.83	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-03-022309	**Units:**	ug/L
Lab Code:	J0900930-001	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	21	10-77	03/13/09	Acceptable
Phenol-d6	12	10-51	03/13/09	Acceptable
Nitrobenzene-d5	46	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	49	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	71	30-143	03/13/09	Acceptable
Terphenyl-d14	78	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-04-022309	**Units:**	ug/L
Lab Code:	J0900930-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	5.9	0.75	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.9	0.90	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.9	0.68	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.9	1.2	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	24	0.78	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.9	0.82	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.9	0.83	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.9	0.87	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.9	0.77	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.9	0.98	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24C-04-022309	**Units:**	ug/L
Lab Code:	J0900930-002	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/13/09	Acceptable
Phenol-d6	16	10-51	03/13/09	Acceptable
Nitrobenzene-d5	68	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/13/09	Acceptable
Terphenyl-d14	85	23-165	03/13/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-04-022409	**Units:**	ug/L
Lab Code:	J0900930-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	6.3	0.80	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	6.3	0.97	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	6.3	0.73	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	6.3	1.3	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.84	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	6.3	0.88	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	6.3	0.89	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	6.3	0.83	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-04-022409	**Units:**	ug/L
Lab Code:	J0900930-003	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/13/09	Acceptable
Phenol-d6	15	10-51	03/13/09	Acceptable
Nitrobenzene-d5	61	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	60	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/13/09	Acceptable
Terphenyl-d14	81	23-165	03/13/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	5.2	0.66	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.2	0.80	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.2	0.77	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.2	0.60	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.2	1.1	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.2	0.82	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.2	0.91	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	21	0.70	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.2	0.73	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.2	0.74	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.2	0.77	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.2	0.69	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.2	0.87	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.2	0.90	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.2	0.90	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-005	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	21	10-77	03/13/09	Acceptable
Phenol-d6	10	10-51	03/13/09	Acceptable
Nitrobenzene-d5	47	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	49	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	70	30-143	03/13/09	Acceptable
Terphenyl-d14	72	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99D-022409	**Units:**	ug/L
Lab Code:	J0900930-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	5.9	0.75	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.9	0.90	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.9	0.68	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.9	1.2	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.9	0.92	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	24	0.78	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.9	0.82	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.9	0.83	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.9	0.87	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.9	0.77	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.9	0.98	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99D-022409	**Units:**	ug/L
Lab Code:	J0900930-006	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/13/09	Acceptable
Phenol-d6	12	10-51	03/13/09	Acceptable
Nitrobenzene-d5	52	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	78	30-143	03/13/09	Acceptable
Terphenyl-d14	68	23-165	03/13/09	Acceptable

† **Analyte Comments**

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW10B-02-022409
Lab Code: J0900930-007

Extraction Method: EPA 3510C
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	5.6	0.47	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	5.6	0.72	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-02-022409	**Units:**	ug/L
Lab Code:	J0900930-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/13/09	Acceptable
Phenol-d6	13	10-51	03/13/09	Acceptable
Nitrobenzene-d5	55	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	58	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	77	30-143	03/13/09	Acceptable
Terphenyl-d14	73	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW10B-01-022409
Lab Code: J0900930-008

Extraction Method: EPA 3510C
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	5.6	0.47	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	5.6	0.72	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW10B-01-022409	**Units:**	ug/L
Lab Code:	J0900930-008	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/13/09	Acceptable
Phenol-d6	14	10-51	03/13/09	Acceptable
Nitrobenzene-d5	60	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/13/09	Acceptable
Terphenyl-d14	75	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-04-022409	**Units:**	ug/L
Lab Code:	J0900930-009	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	6.3	0.80	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	6.3	0.97	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	6.3	0.73	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	6.3	1.3	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	6.3	0.99	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.84	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	6.3	0.88	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	6.3	0.89	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	6.3	0.93	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	6.3	0.83	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.3	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW19B-04-022409
Lab Code: J0900930-009

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/13/09	Acceptable
Phenol-d6	15	10-51	03/13/09	Acceptable
Nitrobenzene-d5	62	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	91	30-143	03/13/09	Acceptable
Terphenyl-d14	85	23-165	03/13/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-010	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	02/26/09	03/13/09	JWG0900713	
2-Methylpheuol	ND	U	5.6	0.72	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.6	0.97	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/13/09	JWG0900713	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-010	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/13/09	Acceptable
Phenol-d6	15	10-51	03/13/09	Acceptable
Nitrobenzene-d5	64	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/13/09	Acceptable
Terphenyl-d14	86	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB-01-022309	**Units:**	ug/L
Lab Code:	J0900930-011	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.2	0.52	1	02/26/09	03/13/09	JWG0900713	
2-Methylphenol	ND	U	6.2	0.80	1	02/26/09	03/13/09	JWG0900713	
4-Methylphenol†	ND	U	6.2	0.96	1	02/26/09	03/13/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.2	0.98	1	02/26/09	03/13/09	JWG0900713	
Naphthalene	ND	U	6.2	0.98	1	02/26/09	03/13/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.2	0.92	1	02/26/09	03/13/09	JWG0900713	
Acenaphthylene	ND	U	6.2	0.72	1	02/26/09	03/13/09	JWG0900713	
Acenaphthene	ND	U	6.2	1.3	1	02/26/09	03/13/09	JWG0900713	
Dibenzofuran	ND	U	6.2	0.98	1	02/26/09	03/13/09	JWG0900713	
Fluorene	ND	U	6.2	1.1	1	02/26/09	03/13/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.83	1	02/26/09	03/13/09	JWG0900713	
Phenanthrene	ND	U	6.2	0.87	1	02/26/09	03/13/09	JWG0900713	
Anthracene	ND	U	6.2	0.88	1	02/26/09	03/13/09	JWG0900713	
Carbazole	ND	U	6.2	0.92	1	02/26/09	03/13/09	JWG0900713	
Fluoranthene	ND	U	6.2	0.82	1	02/26/09	03/13/09	JWG0900713	
Pyrene	ND	U	6.2	1.1	1	02/26/09	03/13/09	JWG0900713	
Benz(a)anthracene	ND	U	6.2	1.1	1	02/26/09	03/13/09	JWG0900713	
Chrysene	ND	U	6.2	1.1	1	02/26/09	03/13/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.2	1.1	1	02/26/09	03/13/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.2	0.67	1	02/26/09	03/13/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.2	0.78	1	02/26/09	03/13/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.2	0.68	1	02/26/09	03/13/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.2	0.77	1	02/26/09	03/13/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.2	1.2	1	02/26/09	03/13/09	JWG0900713	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FB-01-022309
Lab Code: J0900930-011

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	03/13/09	Acceptable
Phenol-d6	17	10-51	03/13/09	Acceptable
Nitrobenzene-d5	71	32-106	03/13/09	Acceptable
2-Fluorobiphenyl	72	30-102	03/13/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/13/09	Acceptable
Terphenyl-d14	82	23-165	03/13/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	EB-01-022309	**Units:**	ug/L
Lab Code:	J0900930-013	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.1	0.51	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	6.1	0.78	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	6.1	0.93	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.1	0.96	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	6.1	0.96	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.1	0.90	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	6.1	0.70	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	6.1	1.2	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	6.1	0.96	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.81	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	6.1	0.85	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	6.1	0.86	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	6.1	0.90	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	6.1	0.80	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.1	0.76	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.67	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.1	0.75	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.1	1.1	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/23/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB-01-022309
Lab Code: J0900930-013

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/14/09	Acceptable
Phenol-d6	16	10-51	03/14/09	Acceptable
Nitrobenzene-d5	68	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	88	30-143	03/14/09	Acceptable
Terphenyl-d14	75	23-165	03/14/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-2-022409	**Units:**	ug/L
Lab Code:	J0900930-014	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	5.9	0.75	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	5.9	0.90	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	5.9	0.68	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	5.9	1.2	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	24	0.78	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	5.9	0.82	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	5.9	0.83	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	5.9	0.87	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	5.9	0.77	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	5.9	0.98	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW15B-2-022409
Lab Code: J0900930-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	03/14/09	Acceptable
Phenol-d6	18	10-51	03/14/09	Acceptable
Nitrobenzene-d5	73	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	93	30-143	03/14/09	Acceptable
Terphenyl-d14	81	23-165	03/14/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-1-022409	**Units:**	ug/L
Lab Code:	J0900930-015	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.0	0.50	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	6.0	0.77	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	6.0	0.92	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	6.0	0.95	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	6.0	0.70	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	6.0	1.2	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	6.0	0.95	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	6.0	1.1	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	24	0.80	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	6.0	0.84	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	6.0	0.85	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	6.0	0.89	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	6.0	0.79	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	6.0	1.0	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	6.0	1.1	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.0	1.1	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-1-022409	**Units:**	ug/L
Lab Code:	J0900930-015	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	18	10-77	03/14/09	Acceptable
Phenol-d6	13	10-51	03/14/09	Acceptable
Nitrobenzene-d5	49	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	48	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	55	30-143	03/14/09	Acceptable
Terphenyl-d14	67	23-165	03/14/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-2-022409	**Units:**	ug/L
Lab Code:	J0900930-016	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	5.6	0.72	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	5.6	0.86	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	5.6	0.88	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	5.6	0.65	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	5.6	1.1	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	5.6	0.88	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	5.6	0.98	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	23	0.75	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	5.6	0.78	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	5.6	0.79	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	5.6	0.83	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	5.6	0.74	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	5.6	0.94	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	5.6	0.97	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.6	0.97	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-2-022409	**Units:**	ug/L
Lab Code:	J0900930-016	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/14/09	Acceptable
Phenol-d6	16	10-51	03/14/09	Acceptable
Nitrobenzene-d5	64	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	61	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/14/09	Acceptable
Terphenyl-d14	65	23-165	03/14/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-3-022409	**Units:**	ug/L
Lab Code:	J0900930-017	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	5.2	0.66	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	5.2	0.80	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	5.2	0.82	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.2	0.77	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	5.2	0.60	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	5.2	1.1	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	5.2	0.82	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	5.2	0.91	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	21	0.70	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	5.2	0.73	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	5.2	0.74	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	5.2	0.77	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	5.2	0.69	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	5.2	0.87	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	5.2	0.90	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.2	0.90	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: 02/24/2009
Date Received: 02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW17B-3-022409
Lab Code: J0900930-017

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/14/09	Acceptable
Phenol-d6	15	10-51	03/14/09	Acceptable
Nitrobenzene-d5	70	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	89	30-143	03/14/09	Acceptable
Terphenyl-d14	74	23-165	03/14/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-4-022409	**Units:**	ug/L
Lab Code:	J0900930-018	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	02/26/09	03/04/09	JWG0900713	
2-Methylphenol	ND	U	6.3	0.80	1	02/26/09	03/04/09	JWG0900713	
4-Methylphenol†	ND	U	6.3	0.97	1	02/26/09	03/04/09	JWG0900713	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900713	
Naphthalene	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900713	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/26/09	03/04/09	JWG0900713	
Acenaphthylene	ND	U	6.3	0.73	1	02/26/09	03/04/09	JWG0900713	
Acenaphthene	ND	U	6.3	1.3	1	02/26/09	03/04/09	JWG0900713	
Dibenzofuran	ND	U	6.3	0.99	1	02/26/09	03/04/09	JWG0900713	
Fluorene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900713	
Pentachlorophenol	ND	U	25	0.84	1	02/26/09	03/04/09	JWG0900713	
Phenanthrene	ND	U	6.3	0.88	1	02/26/09	03/04/09	JWG0900713	
Anthracene	ND	U	6.3	0.89	1	02/26/09	03/04/09	JWG0900713	
Carbazole	ND	U	6.3	0.93	1	02/26/09	03/04/09	JWG0900713	
Fluoranthene	ND	U	6.3	0.83	1	02/26/09	03/04/09	JWG0900713	
Pyrene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900713	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900713	
Chrysene	ND	U	6.3	1.1	1	02/26/09	03/04/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	6.3	1.1	1	02/26/09	03/04/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/26/09	03/04/09	JWG0900713	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/26/09	03/04/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/26/09	03/04/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/26/09	03/04/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/26/09	03/04/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-4-022409	**Units:**	ug/L
Lab Code:	J0900930-018	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/04/09	Acceptable
Phenol-d6	16	10-51	03/04/09	Acceptable
Nitrobenzene-d5	60	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	67	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/04/09	Acceptable
Terphenyl-d14	96	23-165	03/04/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99C-022409	**Units:**	ug/L
Lab Code:	J0900930-019	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	5.9	0.75	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	5.9	0.90	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	5.9	0.68	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	5.9	1.2	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	5.9	0.92	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	24	0.78	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	5.9	0.82	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	5.9	0.83	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	5.9	0.87	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	5.9	0.77	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	5.9	0.98	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99C-022409	**Units:**	ug/L
Lab Code:	J0900930-019	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/14/09	Acceptable
Phenol-d6	16	10-51	03/14/09	Acceptable
Nitrobenzene-d5	67	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/14/09	Acceptable
Terphenyl-d14	84	23-165	03/14/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-021	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.43	1	02/26/09	03/14/09	JWG0900713	
2-Methylphenol	ND	U	5.2	0.66	1	02/26/09	03/14/09	JWG0900713	
4-Methylphenol†	ND	U	5.2	0.79	1	02/26/09	03/14/09	JWG0900713	
2,4-Dimethylphenol	ND	U	5.2	0.81	1	02/26/09	03/14/09	JWG0900713	
Naphthalene	ND	U	5.2	0.81	1	02/26/09	03/14/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.2	0.76	1	02/26/09	03/14/09	JWG0900713	
Acenaphthylene	ND	U	5.2	0.60	1	02/26/09	03/14/09	JWG0900713	
Acenaphthene	ND	U	5.2	1.1	1	02/26/09	03/14/09	JWG0900713	
Dibenzofuran	ND	U	5.2	0.81	1	02/26/09	03/14/09	JWG0900713	
Fluorene	ND	U	5.2	0.90	1	02/26/09	03/14/09	JWG0900713	
Pentachlorophenol	ND	U	21	0.69	1	02/26/09	03/14/09	JWG0900713	
Phenanthrene	ND	U	5.2	0.72	1	02/26/09	03/14/09	JWG0900713	
Anthracene	ND	U	5.2	0.73	1	02/26/09	03/14/09	JWG0900713	
Carbazole	ND	U	5.2	0.76	1	02/26/09	03/14/09	JWG0900713	
Fluoranthene	ND	U	5.2	0.68	1	02/26/09	03/14/09	JWG0900713	
Pyrene	ND	U	5.2	0.86	1	02/26/09	03/14/09	JWG0900713	
Benz(a)anthracene	ND	U	5.2	0.88	1	02/26/09	03/14/09	JWG0900713	
Chrysene	ND	U	5.2	0.89	1	02/26/09	03/14/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.2	0.89	1	02/26/09	03/14/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/26/09	03/14/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/26/09	03/14/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/26/09	03/14/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/26/09	03/14/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.2	0.93	1	02/26/09	03/14/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/23/2009
Sample Matrix:	Water	**Date Received:**	02/25/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW15B-03-022409	**Units:**	ug/L
Lab Code:	J0900930-021	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/14/09	Acceptable
Phenol-d6	15	10-51	03/14/09	Acceptable
Nitrobenzene-d5	72	32-106	03/14/09	Acceptable
2-Fluorobiphenyl	73	30-102	03/14/09	Acceptable
2,4,6-Tribromophenol	108	30-143	03/14/09	Acceptable
Terphenyl-d14	88	23-165	03/14/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900713-4

Extraction Method: EPA 3510C
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	5.0	0.42	1	02/26/09	03/04/09	JWG0900713	
2-Methylphenol	ND	U	5.0	0.64	1	02/26/09	03/04/09	JWG0900713	
4-Methylphenol†	ND	U	5.0	0.77	1	02/26/09	03/04/09	JWG0900713	
2,4-Dimethylpheuol	ND	U	5.0	0.79	1	02/26/09	03/04/09	JWG0900713	
Naphthalene	ND	U	5.0	0.79	1	02/26/09	03/04/09	JWG0900713	
2-Methylnaphthalene	ND	U	5.0	0.74	1	02/26/09	03/04/09	JWG0900713	
Acenaphthylene	ND	U	5.0	0.58	1	02/26/09	03/04/09	JWG0900713	
Acenaphthene	ND	U	5.0	0.99	1	02/26/09	03/04/09	JWG0900713	
Dibenzofuran	ND	U	5.0	0.79	1	02/26/09	03/04/09	JWG0900713	
Fluorene	ND	U	5.0	0.88	1	02/26/09	03/04/09	JWG0900713	
Pentachlorophenol	ND	U	20	0.67	1	02/26/09	03/04/09	JWG0900713	
Phenanthrene	ND	U	5.0	0.70	1	02/26/09	03/04/09	JWG0900713	
Anthracene	ND	U	5.0	0.71	1	02/26/09	03/04/09	JWG0900713	
Carbazole	ND	U	5.0	0.74	1	02/26/09	03/04/09	JWG0900713	
Fluoranthene	ND	U	5.0	0.66	1	02/26/09	03/04/09	JWG0900713	
Pyrene	ND	U	5.0	0.84	1	02/26/09	03/04/09	JWG0900713	
Benz(a)anthracene	ND	U	5.0	0.86	1	02/26/09	03/04/09	JWG0900713	
Chrysene	ND	U	5.0	0.87	1	02/26/09	03/04/09	JWG0900713	
Benzo(b)fluoranthene	ND	UJ	5.0	0.87	1	02/26/09	03/04/09	JWG0900713	J(3)
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	02/26/09	03/04/09	JWG0900713	
Benzo(a)pyrene	ND	U	5.0	0.63	1	02/26/09	03/04/09	JWG0900713	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	02/26/09	03/04/09	JWG0900713	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	02/26/09	03/04/09	JWG0900713	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	02/26/09	03/04/09	JWG0900713	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900713-4	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	37	10-77	03/04/09	Acceptable
Phenol-d6	18	10-51	03/04/09	Acceptable
Nitrobenzene-d5	70	32-106	03/04/09	Acceptable
2-Fluorobiphenyl	72	30-102	03/04/09	Acceptable
2,4,6-Tribromophenol	92	30-143	03/04/09	Acceptable
Terphenyl-d14	99	23-165	03/04/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

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

Extraction Method: EPA 3510C **Units:** PERCENT
Analysis Method: 8270C **Level:** Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FW24C-03-022309	J0900930-001	21	12	46	49	71	78
FW24C-04-022309	J0900930-002	30	16	68	69	86	85
FW10B-04-022409	J0900930-003	28	15	61	60	82	81
FW10B-03-022409	J0900930-005	21	10	47	49	70	72
FW99D-022409	J0900930-006	24	12	52	56	78	68
FW10B-02-022409	J0900930-007	24	13	55	58	77	73
FW10B-01-022409	J0900930-008	27	14	60	62	82	75
FW19B-04-022409	J0900930-009	30	15	62	64	91	85
FW19B-03-022409	J0900930-010	28	15	64	66	87	86
FB-01-022309	J0900930-011	34	17	71	72	94	82
EB-01-022309	J0900930-013	31	16	68	65	88	75
FW15B-2-022409	J0900930-014	34	18	73	69	93	81
FW15B-1-022409	J0900930-015	18	13	49	48	55	67
FW17B-2-022409	J0900930-016	31	16	64	61	82	65
FW17B-3-022409	J0900930-017	31	15	70	69	89	74
FW17B-4-022409	J0900930-018	32	16	60	67	86	96
FW99C-022409	J0900930-019	32	16	67	65	87	84
FW15B-03-022409	J0900930-021	32	15	72	73	108	88
Method Blank	JWG0900713-4	37	18	70	72	92	99
FW17B-4-022409MS	JWG0900713-1	27	14	55	61	77	69
FW17B-4-022409DMS	JWG0900713-2	25	13	52	58	70	65
Lab Control Sample	JWG0900713-3	34	17	68	73	89	79

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-143
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/04/2009
Time Analyzed: 13:12

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900761-2
Analysis Lot: JWG0900761
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	979,458	4.86	3,181,869	5.98	2,102,929	8.19
	Upper Limit ==>	1,958,916	5.36	6,363,738	6.48	4,205,858	8.69
	Lower Limit ==>	489,729	4.36	1,590,935	5.48	1,051,465	7.69
	ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses							
Method Blank	JWG0900713-4	744,536	4.86	2,563,584	5.98	1,796,091	8.18
Lab Control Sample	JWG0900713-3	813,520	4.85	2,596,518	5.97	1,736,834	8.17
FW17B-4-022409	J0900930-018	865,967	4.84	3,012,249	5.96	2,035,156	8.17
FW17B-4-022409MS	JWG0900713-1	909,388	4.85	2,965,633	5.97	1,992,827	8.17
FW17B-4-022409DMS	JWG0900713-2	1,150,333	4.85	3,832,489	5.97	2,489,927	8.17

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/04/2009
		Time Analyzed:	13:12

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID:	\\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\030	**Lab Code:**	JWG0900761-2
Instrument ID:	MS01.i	**Analysis Lot:**	JWG0900761
Analysis Method:	8270C	**Column :**	HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	3,062,531	10.38	2,836,028	14.61	2,267,041	16.75
	Upper Limit ==>	6,125,062	10.88	5,672,056	15.11	4,534,082	17.25
	Lower Limit ==>	1,531,266	9.88	1,418,014	14.11	1,133,521	16.25
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
Method Blank	JWG0900713-4	2,771,449	10.38	2,238,198	14.60	1,981,270	16.75
Lab Control Sample	JWG0900713-3	2,578,215	10.38	2,242,885	14.60	1,899,608	16.75
FW17B-4-022409	J0900930-018	3,218,386	10.38	2,650,205	14.60	2,373,341	16.73
FW17B-4-022409MS	JWG0900713-1	2,834,807	10.37	2,525,468	14.60	2,063,684	16.74
FW17B-4-022409DMS	JWG0900713-2	3,486,092	10.38	3,052,500	14.60	2,479,740	16.75

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/12/2009
Time Analyzed: 20:54

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900863-2
Analysis Lot: JWG0900863
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,256,874	7.66	3,883,817	9.58	2,658,131	13.01
	Upper Limit ==>	2,513,748	8.16	7,767,634	10.08	5,316,262	13.51
	Lower Limit ==>	628,437	7.16	1,941,909	9.08	1,329,066	12.51
	ICAL Result ==>	1,246,623	7.68	3,962,848	9.59	2,660,205	13.04
Associated Analyses							
FW24C-03-022309	J0900930-001	2,277,551	7.66	7,670,437	9.57	5,020,733	13.00
FW24C-04-022309	J0900930-002	948,957	7.66	3,019,619	9.57	2,080,514	13.00
FW10B-04-022409	J0900930-003	1,453,193	7.66	4,710,867	9.57	3,221,090	13.00
FW10B-03-022409	J0900930-005	1,265,682	7.66	4,080,720	9.56	2,792,279	13.00
FW99D-022409	J0900930-006	1,377,746	7.66	4,463,663	9.57	2,998,221	13.00
FW10B-02-022409	J0900930-007	1,088,225	7.66	3,526,912	9.57	2,356,655	13.00
FW10B-01-022409	J0900930-008	1,121,330	7.66	3,669,618	9.57	2,507,950	13.00
FW19B-04-022409	J0900930-009	1,365,167	7.66	4,374,509	9.58	2,996,929	13.00
FW19B-03-022409	J0900930-010	973,406	7.66	3,090,910	9.57	2,059,539	13.00
FB-01-022309	J0900930-011	1,228,914	7.66	3,970,898	9.57	2,661,836	13.00

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/12/2009
		Time Analyzed:	20:54

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID:	\\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\031	**Lab Code:**	JWG0900863-2
Instrument ID:	MS01.i	**Analysis Lot:**	JWG0900863
Analysis Method:	8270C	**Column :**	HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	4,008,692	16.31	3,014,107	21.93	2,969,644	24.24
	Upper Limit ==>	8,017,384	16.81	6,028,214	22.43	5,939,288	24.74
	Lower Limit ==>	2,004,346	15.81	1,507,054	21.43	1,484,822	23.74
	ICAL Result ==>	3,840,036	16.33	2,852,364	21.96	2,567,500	24.26
Associated Analyses							
FW24C-03-022309	J0900930-001	7,921,934	16.30	5,511,043	21.93	5,336,101	24.25
FW24C-04-022309	J0900930-002	3,386,623	16.29	2,772,312	21.92	2,704,685	24.24
FW10B-04-022409	J0900930-003	5,155,925	16.30	3,981,182	21.93	3,713,112	24.23
FW10B-03-022409	J0900930-005	4,422,537	16.30	3,480,303	21.93	3,296,259	24.23
FW99D-022409	J0900930-006	4,776,051	16.31	3,730,371	21.93	3,661,761	24.24
FW10B-02-022409	J0900930-007	3,872,660	16.30	2,960,895	21.92	2,786,282	24.24
FW10B-01-022409	J0900930-008	4,138,650	16.30	3,158,024	21.93	3,037,559	24.24
FW19B-04-022409	J0900930-009	4,880,572	16.29	3,592,782	21.93	3,488,071	24.24
FW19B-03-022409	J0900930-010	3,390,049	16.30	2,703,156	21.92	2,687,783	24.24
FB-01-022309	J0900930-011	4,191,452	16.29	3,455,678	21.93	3,341,502	24.24

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/14/2009
Time Analyzed: 14:43

Internal Standard Area and RT Snmmary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C14\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900881-2
Analysis Lot: JWG0900881
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,215,878	7.60	3,871,699	9.50	2,633,986	12.92
	Upper Limit ==>	2,431,756	8.10	7,743,398	10.00	5,267,972	13.42
	Lower Limit ==>	607,939	7.10	1,935,850	9.00	1,316,993	12.42
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
EB-01-022309	J0900930-013	1,367,053	7.60	4,646,989	9.49	3,186,270	12.92
FW15B-2-022409	J0900930-014	1,079,769	7.59	3,836,110	9.50	2,730,451	12.92
FW15B-1-022409	J0900930-015	1,118,969	7.59	4,004,987	9.49	2,843,344	12.92
FW17B-2-022409	J0900930-016	1,069,306	7.59	3,666,993	9.49	2,598,801	12.92
FW17B-3-022409	J0900930-017	1,059,321	7.59	3,736,998	9.50	2,547,549	12.92
FW99C-022409	J0900930-019	1,112,860	7.59	3,946,194	9.49	2,775,157	12.91
FW15B-03-022409	J0900930-021	1,220,340	7.59	4,185,278	9.48	2,826,786	12.92

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/14/2009
Time Analyzed: 14:43

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C14\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900881-2
Analysis Lot: JWG0900881
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,965,593	16.21	3,302,316	21.85	3,473,119	24.15
	Upper Limit ==>	7,931,186	16.71	6,604,632	22.35	6,946,238	24.65
	Lower Limit ==>	1,982,797	15.71	1,651,158	21.35	1,736,560	23.65
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
EB-01-022309	J0900930-013	5,231,270	16.21	4,119,093	21.85	4,063,887	24.16
FW15B-2-022409	J0900930-014	4,509,008	16.21	3,381,999	21.85	3,512,998	24.16
FW15B-1-022409	J0900930-015	4,672,287	16.21	3,509,406	21.85	3,601,015	24.17
FW17B-2-022409	J0900930-016	4,178,608	16.21	3,161,124	21.85	3,173,251	24.16
FW17B-3-022409	J0900930-017	4,233,032	16.21	3,262,738	21.85	3,285,042	24.15
FW99C-022409	J0900930-019	4,565,403	16.20	3,535,416	21.85	3,536,678	24.15
FW15B-03-022409	J0900930-021	4,498,951	16.21	3,412,540	21.85	3,432,480	24.16

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009

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

Sample Name:	FW17B-4-022409	**Units:**	ug/L
Lab Code:	J0900930-018	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900713

Analyte Name	Sample Result	FW17B-4-022409MS JWG0900713-1 Matrix Spike			FW17B-4-022409DMS JWG0900713-2 Duplicate Matrix Spike				%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec				
Phenol	ND	10.7	56.2	19	10.3	58.1	18		10-70	4	30
2-Methylphenol	ND	24.9	56.2	44	24.4	58.1	42		32-96	2	30
4-Methylphenol	ND	51.3	84.3	61	51.4	87.2	59		12-106	0	30
2,4-Dimethylphenol	ND	27.5	56.2	49	25.5	58.1	44		35-88	7	30
Naphthalene	ND	31.4	56.2	56	31.0	58.1	53		41-93	2	30
2-Methylnaphthalene	ND	32.4	56.2	58	31.4	58.1	54		48-91	3	30
Acenaphthylene	ND	33.2	56.2	59	33.6	58.1	58		46-95	1	30
Acenaphthene	ND	33.6	56.2	60	34.8	58.1	60		48-96	3	30
Dibenzofuran	ND	35.5	56.2	63	35.8	58.1	62		49-101	1	30
Fluorene	ND	36.2	56.2	64	36.5	58.1	63		54-95	1	30
Pentachlorophenol	ND	30.7	56.2	55	28.0	58.1	48		18-141	9	30
Phenanthrene	ND	32.2	56.2	57	39.7	58.1	68		49-95	21	30
Anthracene	ND	34.2	56.2	61	35.8	58.1	62		50-101	5	30
Carbazole	ND	35.0	56.2	62	35.1	58.1	60		52-126	0	30
Fluoranthene	ND	33.7	56.2	60	34.2	58.1	59		48-103	2	30
Pyrene	ND	37.4	56.2	67	37.9	58.1	65		49-103	1	30
Benz(a)anthracene	ND	39.4	56.2	70	38.4	58.1	66		40-104	3	30
Chrysene	ND	34.1	56.2	61	33.0	58.1	57		47-105	3	30
Benzo(b)fluoranthene	ND	32.2	56.2	57	29.1	58.1	50	*	54-105	10	30
Benzo(k)fluoranthene	ND	33.8	56.2	60	33.8	58.1	58		50-101	0	30
Benzo(a)pyreue	ND	29.3	56.2	52	28.7	58.1	49		48-100	2	30
Indeno(1,2,3-cd)pyrene	ND	37.1	56.2	66	34.8	58.1	60		50-115	7	30
Dibenz(a,h)anthracene	ND	35.3	56.2	63	32.9	58.1	57		44-124	7	30
Benzo(g,h,i)perylene	ND	38.1	56.2	68	34.7	58.1	60		51-114	9	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.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Aualyzed:**	03/04/2009

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

Extraction Method:	EPA 3510C	**Units:**	ug/L
Analysis Method:	8270C	**Basis:**	NA
		Level:	Low
		Extraction Lot:	JWG0900713

	Lab Control Sample JWG0900713-3 Lab Control Spike				
Analyte Name	**Result**	**Expected**	**%Rec**		**%Rec Limits**
Phenol	11.0	50.0	22		12-54
2-Methylphenol	25.6	50.0	51		21-100
4-Methylphenol	54.7	75.0	73		15-95
2,4-Dimethylphenol	27.2	50.0	54		38-110
Naphthaleue	32.4	50.0	65		40-97
2-Methylnaphthalene	33.6	50.0	67		46-110
Acenaphthylene	36.5	50.0	73		45-99
Acenaphthene	35.8	50.0	72		42-106
Dibenzofuran	39.1	50.0	78		49-103
Fluorene	39.9	50.0	80		54-97
Pentachlorophenol	41.1	50.0	82		35-120
Phenanthrene	35.4	50.0	71		49-110
Anthracene	37.5	50.0	75		50-104
Carbazole	37.3	50.0	75		48-118
Fluoranthene	35.3	50.0	71		48-110
Pyrene	39.1	50.0	78		35-110
Benz(a)anthracene	38.8	50.0	78		42-114
Chrysene	35.9	50.0	72		50-113
Benzo(b)fluoranthene	27.4	50.0	55	*	56-110
Benzo(k)fluoranthene	36.2	50.0	72		48-110
Benzo(a)pyrene	29.0	50.0	58		46-110
Indeno(1,2,3-cd)pyrene	36.2	50.0	72		54-115
Dibenz(a,h)anthracene	34.8	50.0	70		51-125
Benzo(g,h,i)perylene	36.8	50.0	74		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.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009
		Time Analyzed:	13:56

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS019C04\0304-04.D
Lab Code:	JWG0900713-4	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900713

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900713-3	J:\MS01\DATA\MS019C04\0304-05.D	03/04/09	14:26
FW17B-4-022409	J0900930-018	J:\MS01\DATA\MS019C04\0304-06.D	03/04/09	14:56
FW17B-4-022409MS	JWG0900713-1	J:\MS01\DATA\MS019C04\0304-07.D	03/04/09	15:26
FW17B-4-022409DMS	JWG0900713-2	J:\MS01\DATA\MS019C04\0304-08.D	03/04/09	15:56
FW24C-03-022309	J0900930-001	J:\MS01\DATA\MS019C12\0312-10.D	03/13/09	02:42
FW24C-04-022309	J0900930-002	J:\MS01\DATA\MS019C12\0312-11.D	03/13/09	03:20
FW10B-04-022409	J0900930-003	J:\MS01\DATA\MS019C12\0312-12.D	03/13/09	03:59
FW10B-03-022409	J0900930-005	J:\MS01\DATA\MS019C12\0312-13.D	03/13/09	04:37
FW99D-022409	J0900930-006	J:\MS01\DATA\MS019C12\0312-14.D	03/13/09	05:15
FW10B-02-022409	J0900930-007	J:\MS01\DATA\MS019C12\0312-15.D	03/13/09	05:53
FW10B-01-022409	J0900930-008	J:\MS01\DATA\MS019C12\0312-16.D	03/13/09	06:31
FW19B-04-022409	J0900930-009	J:\MS01\DATA\MS019C12\0312-17.D	03/13/09	07:09
FW19B-03-022409	J0900930-010	J:\MS01\DATA\MS019C12\0312-18.D	03/13/09	07:47
FB-01-022309	J0900930-011	J:\MS01\DATA\MS019C12\0312-19.D	03/13/09	08:26
EB-01-022309	J0900930-013	J:\MS01\DATA\MS019C14\0314-05.D	03/14/09	16:01
FW15B-2-022409	J0900930-014	J:\MS01\DATA\MS019C14\0314-06.D	03/14/09	16:40
FW15B-1-022409	J0900930-015	J:\MS01\DATA\MS019C14\0314-07.D	03/14/09	17:19
FW17B-2-022409	J0900930-016	J:\MS01\DATA\MS019C14\0314-08.D	03/14/09	17:58
FW17B-3-022409	J0900930-017	J:\MS01\DATA\MS019C14\0314-09.D	03/14/09	18:37
FW99C-022409	J0900930-019	J:\MS01\DATA\MS019C14\0314-10.D	03/14/09	19:17
FW15B-03-022409	J0900930-021	J:\MS01\DATA\MS019C14\0314-11.D	03/14/09	19:56

Client:	Beazer East, Inc.	**Service Request:**	J0900930
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/26/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009
		Time Analyzed:	14:26

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

Sample Name:	Lab Control Sample	**File ID:**	J:\MS01\DATA\MS019C04\0304-05.D
Lab Code:	JWG0900713-3	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900713

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900713-4	J:\MS01\DATA\MS019C04\0304-04.D	03/04/09	13:56
FW17B-4-022409	J0900930-018	J:\MS01\DATA\MS019C04\0304-06.D	03/04/09	14:56
FW17B-4-022409MS	JWG0900713-1	J:\MS01\DATA\MS019C04\0304-07.D	03/04/09	15:26
FW17B-4-022409DMS	JWG0900713-2	J:\MS01\DATA\MS019C04\0304-08.D	03/04/09	15:56
FW24C-03-022309	J0900930-001	J:\MS01\DATA\MS019C12\0312-10.D	03/13/09	02:42
FW24C-04-022309	J0900930-002	J:\MS01\DATA\MS019C12\0312-11.D	03/13/09	03:20
FW10B-04-022409	J0900930-003	J:\MS01\DATA\MS019C12\0312-12.D	03/13/09	03:59
FW10B-03-022409	J0900930-005	J:\MS01\DATA\MS019C12\0312-13.D	03/13/09	04:37
FW99D-022409	J0900930-006	J:\MS01\DATA\MS019C12\0312-14.D	03/13/09	05:15
FW10B-02-022409	J0900930-007	J:\MS01\DATA\MS019C12\0312-15.D	03/13/09	05:53
FW10B-01-022409	J0900930-008	J:\MS01\DATA\MS019C12\0312-16.D	03/13/09	06:31
FW19B-04-022409	J0900930-009	J:\MS01\DATA\MS019C12\0312-17.D	03/13/09	07:09
FW19B-03-022409	J0900930-010	J:\MS01\DATA\MS019C12\0312-18.D	03/13/09	07:47
FB-01-022309	J0900930-011	J:\MS01\DATA\MS019C12\0312-19.D	03/13/09	08:26
EB-01-022309	J0900930-013	J:\MS01\DATA\MS019C14\0314-05.D	03/14/09	16:01
FW15B-2-022409	J0900930-014	J:\MS01\DATA\MS019C14\0314-06.D	03/14/09	16:40
FW15B-1-022409	J0900930-015	J:\MS01\DATA\MS019C14\0314-07.D	03/14/09	17:19
FW17B-2-022409	J0900930-016	J:\MS01\DATA\MS019C14\0314-08.D	03/14/09	17:58
FW17B-3-022409	J0900930-017	J:\MS01\DATA\MS019C14\0314-09.D	03/14/09	18:37
FW99C-022409	J0900930-019	J:\MS01\DATA\MS019C14\0314-10.D	03/14/09	19:17
FW15B-03-022409	J0900930-021	J:\MS01\DATA\MS019C14\0314-11.D	03/14/09	19:56

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/04/2009
Time Analyzed: 12:55

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-02B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900761

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	40.6	84720	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	32.2	67176	PASS
70	69	0	2	0.9	572	PASS
127	198	40	60	42.2	88072	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	208832	PASS
199	198	5	9	6.7	13999	PASS
275	198	10	30	19.6	40992	PASS
365	198	1	100	2.3	4720	PASS
441	443	0	100	84.9	12354	PASS
442	198	40	200	40.1	83736	PASS
443	442	17	23	17.4	14550	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900761-2	J:\MS01\DATA\MS019C04\0304-03B	03/04/2009	13:12	
Method Blank	JWG0900713-4	J:\MS01\DATA\MS019C04\0304-04.	03/04/2009	13:56	
Lab Control Sample	JWG0900713-3	J:\MS01\DATA\MS019C04\0304-05.	03/04/2009	14:26	
FW17B-4-022409	J0900930-018	J:\MS01\DATA\MS019C04\0304-06.	03/04/2009	14:56	
FW17B-4-022409MS	JWG0900713-1	J:\MS01\DATA\MS019C04\0304-07.	03/04/2009	15:26	
FW17B-4-022409DMS	JWG0900713-2	J:\MS01\DATA\MS019C04\0304-08.	03/04/2009	15:56	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/12/2009
Time Analyzed: 20:36

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\0312-01.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900863

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	52.3	98248	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	50.5	94808	PASS
70	69	0	2	1.4	1302	PASS
127	198	40	60	42.3	79408	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	187712	PASS
199	198	5	9	7.5	14056	PASS
275	198	10	30	24.6	46104	PASS
365	198	1	100	3.1	5742	PASS
441	443	0	100	88.5	20104	PASS
442	198	40	200	58.2	109264	PASS
443	442	17	23	20.8	22712	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900863-2	J:\MS01\DATA\MS019C12\0312-02.	03/12/2009	20:54	
FW24C-03-022309	J0900930-001	J:\MS01\DATA\MS019C12\0312-10.	03/13/2009	02:42	
FW24C-04-022309	J0900930-002	J:\MS01\DATA\MS019C12\0312-11.	03/13/2009	03:20	
FW10B-04-022409	J0900930-003	J:\MS01\DATA\MS019C12\0312-12.	03/13/2009	03:59	
FW10B-03-022409	J0900930-005	J:\MS01\DATA\MS019C12\0312-13.	03/13/2009	04:37	
FW99D-022409	J0900930-006	J:\MS01\DATA\MS019C12\0312-14.	03/13/2009	05:15	
FW10B-02-022409	J0900930-007	J:\MS01\DATA\MS019C12\0312-15.	03/13/2009	05:53	
FW10B-01-022409	J0900930-008	J:\MS01\DATA\MS019C12\0312-16.	03/13/2009	06:31	
FW19B-04-022409	J0900930-009	J:\MS01\DATA\MS019C12\0312-17.	03/13/2009	07:09	
FW19B-03-022409	J0900930-010	J:\MS01\DATA\MS019C12\0312-18.	03/13/2009	07:47	
FB-01-022309	J0900930-011	J:\MS01\DATA\MS019C12\0312-19.	03/13/2009	08:26	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/14/2009
Time Analyzed: 14:24

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C14\0314-02B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900881

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	52.3	78304	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	48.3	72344	PASS
70	69	0	2	0.8	553	PASS
127	198	40	60	40.5	60688	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	149696	PASS
199	198	5	9	7.0	10491	PASS
275	198	10	30	20.2	30288	PASS
365	198	1	100	2.2	3353	PASS
441	443	0	100	81.4	13872	PASS
442	198	40	200	55.0	82368	PASS
443	442	17	23	20.7	17048	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900881-2	J:\MS01\DATA\MS019C14\0314-03B	03/14/2009	14:43	
EB-01-022309	J0900930-013	J:\MS01\DATA\MS019C14\0314-05.	03/14/2009	16:01	
FW15B-2-022409	J0900930-014	J:\MS01\DATA\MS019C14\0314-06.	03/14/2009	16:40	
FW15B-1-022409	J0900930-015	J:\MS01\DATA\MS019C14\0314-07.	03/14/2009	17:19	
FW17B-2-022409	J0900930-016	J:\MS01\DATA\MS019C14\0314-08.	03/14/2009	17:58	
FW17B-3-022409	J0900930-017	J:\MS01\DATA\MS019C14\0314-09.	03/14/2009	18:37	
FW99C-022409	J0900930-019	J:\MS01\DATA\MS019C14\0314-10.	03/14/2009	19:17	
FW15B-03-022409	J0900930-021	J:\MS01\DATA\MS019C14\0314-11.	03/14/2009	19:56	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773 **Column:** HP-5MS
Instrument ID: MS01.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.46	B	10	1.46	C	20	1.50	D	50	1.88	E	100	2.37
	F	200	2.08												
2-Methylphenol	A	5.0	1.23	B	10	1.15	C	20	1.16	D	50	1.31	E	100	1.52
	F	200	1.30												
4-Methylphenol	A	5.0	1.51	B	10	1.47	C	20	1.48	D	50	1.68	E	100	1.94
	F	200	1.70												
2,4-Dimethylphenol	A	5.0	0.349	B	10	0.336	C	20	0.352	D	50	0.412	E	100	0.407
	F	200	0.380												
Naphthalene	A	5.0	1.10	B	10	1.08	C	20	1.15	D	50	1.31	E	100	1.29
	F	200	1.03												
2-Methylnaphthalene	A	5.0	0.673	B	10	0.659	C	20	0.683	D	50	0.801	E	100	0.817
	F	200	0.794												
Acenaphthylene	A	5.0	1.76	B	10	1.76	C	20	1.86	D	50	2.25	E	100	2.18
	F	200	1.89												
‡ Acenaphthene	A	5.0	1.02	B	10	0.988	C	20	1.06	D	50	1.28	E	100	1.10
	F	200	0.992												
Dibenzofuran	A	5.0	1.58	B	10	1.51	C	20	1.60	D	50	1.87	E	100	1.71
	F	200	1.46												
Fluorene	A	5.0	1.29	B	10	1.28	C	20	1.36	D	50	1.55	E	100	1.47
	F	200	1.07												
‡ Pentachlorophenol	A	5.0	0.109	B	10	0.105	C	20	0.113	D	50	0.143	E	100	0.151
	F	200	0.163												
Phenanthrene	A	5.0	1.14	B	10	1.12	C	20	1.18	D	50	1.80	E	100	1.55
	F	200	1.30												
Anthracene	A	5.0	1.12	B	10	1.11	C	20	1.21	D	50	1.54	E	100	1.55
	F	200	1.15												
Carbazole	A	5.0	1.10	B	10	1.05	C	20	1.10	D	50	1.39	E	100	1.44
	F	200	1.26												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	1.09	B	10	1.07	C	20	1.11	D	50	1.57	E	100	1.74
	F	200	1.38												
Pyrene	A	5.0	1.26	B	10	1.25	C	20	1.27	D	50	1.53	E	100	1.57
	F	200	1.41												
Benz(a)anthracene	A	5.0	1.04	B	10	1.04	C	20	1.13	D	50	1.59	E	100	1.39
	F	200	1.20												
Chrysene	A	5.0	0.993	B	10	0.983	C	20	1.04	D	50	1.29	E	100	1.39
	F	200	1.24												
Benzo(b)fluoranthene	A	5.0	0.875	B	10	0.920	C	20	1.14	D	50	1.40	E	100	2.07
	F	200	2.53												
Benzo(k)fluoranthene	A	5.0	1.38	B	10	1.31	C	20	1.28	D	50	1.88	E	100	1.92
‡ Benzo(a)pyrene	A	5.0	0.860	B	10	0.879	C	20	1.01	D	50	1.29	E	100	1.44
	F	200	1.46												
Indeno(1,2,3-cd)pyrene	A	5.0	0.992	B	10	1.00	C	20	1.12	D	50	1.38	E	100	1.55
	F	200	1.57												
Dibenz(a,h)anthracene	A	5.0	0.841	B	10	0.855	C	20	0.956	D	50	1.23	E	100	1.44
	F	200	1.42												
Benzo(g,h,i)perylene	A	5.0	0.875	B	10	0.860	C	20	0.924	D	50	1.08	E	100	1.13
	F	200	1.15												
2-Fluorophenol	A	5.0	1.44	B	10	1.38	C	20	1.39	D	50	1.56	E	100	1.75
	F	200	1.78												
Phenol-d6	A	5.0	1.67	B	10	1.60	C	20	1.66	D	50	1.99	E	100	2.34
	F	200	2.12												
Nitrobenzene-d5	A	5.0	0.275	B	10	0.266	C	20	0.290	D	50	0.359	E	100	0.432
	F	200	0.421												
2-Fluorobiphenyl	A	5.0	1.14	B	10	1.16	C	20	1.21	D	50	1.49	E	100	1.49
	F	200	1.45												
2,4,6-Tribromophenol	A	5.0	0.0747	B	10	0.0759	C	20	0.0769	D	50	0.0895	E	100	0.0884
	F	200	0.100												
Terphenyl-d14	A	5.0	0.672	B	10	0.654	C	20	0.694	D	50	0.848	E	100	0.965
	F	200	0.909												

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

† **SPCC Compound** ‡ **CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	21.4		≤ 30	1.79		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.6		≤ 30	1.28		0.01
4-Methylphenol	MS	AverageRF	% RSD	11.2		≤ 30	1.63		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	8.6		≤ 30	0.373		0.01
Naphthalene	MS	AverageRF	% RSD	9.7		≤ 30	1.16		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	9.9		≤ 30	0.738		0.01
Acenaphthylene	MS	AverageRF	% RSD	10.9		≤ 30	1.95		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	10.2		≤ 30	1.07		0.01
Dibenzofuran	MS	AverageRF	% RSD	9.1		≤ 30	1.62		0.01
Fluorene	MS	AverageRF	% RSD	12.7		≤ 30	1.34		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	19.0		≤ 30	0.131		0.01
Phenanthrene	MS	AverageRF	% RSD	20.2		≤ 30	1.35		0.01
Anthracene	MS	AverageRF	% RSD	16.3		≤ 30	1.28		0.01
Carbazole	MS	AverageRF	% RSD	13.4		≤ 30	1.22		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	21.5		≤ 30	1.32		0.01
Pyrene	MS	AverageRF	% RSD	10.5		≤ 30	1.38		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	17.8		≤ 30	1.23		0.01
Chrysene	MS	AverageRF	% RSD	15.1		≤ 30	1.16		0.01
Benzo(b)fluoranthene	MS	Quadratic	COD	0.999		≥ 0.990	1.49		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	20.4		≤ 30	1.55		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	23.6		≤ 30	1.16		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	20.9		≤ 30	1.27		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	24.6		≤ 30	1.12		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	13.2		≤ 30	1.00		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	11.4		≤ 30	1.55		0.01
Phenol-d6	SURR	AverageRF	% RSD	15.7		≤ 30	1.90		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	21.9		≤ 30	0.341		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	12.7		≤ 30	1.32		0.01
2,4,6-Trihromophenol	SURR	AverageRF	% RSD	12.1		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	16.9		≤ 30	0.790		0.01

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 03/03/2009
Date Analyzed: 03/03/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1773
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\0303-12.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	1.79	1.68	-6	NA	± 30 %	AverageRF
2-Methylphenol	50	48	1.28	1.22	-4	NA	± 30 %	AverageRF
4-Methylphenol	50	49	1.63	1.59	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	48	0.373	0.358	-4	NA	± 30 %	AverageRF
Naphthalene	50	47	1.16	1.10	-6	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	47	0.738	0.700	-5	NA	± 30 %	AverageRF
Acenaphthylene	50	48	1.95	1.86	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.07	1.09	1	NA	± 30 %	AverageRF
Dibenzofuran	50	51	1.62	1.64	1	NA	± 30 %	AverageRF
Fluorene	50	48	1.34	1.29	-3	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	56	1.35	1.51	12	NA	± 30 %	AverageRF
Anthracene	50	47	1.28	1.21	-5	NA	± 30 %	AverageRF
Carbazole	50	47	1.22	1.15	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	47	1.38	1.30	-6	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.23	1.26	2	NA	± 30 %	AverageRF
Chrysene	50	45	1.16	1.03	-11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	36	1.49	1.26	NA	-28	± 30 %	Quadratic
Benzo(k)fluoranthene	50	49	1.55	1.53	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.16	1.13	-3	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	48	1.27	1.22	-4	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	1.12	1.06	-5	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	49	1.00	0.974	-3	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Reqnest:** J0900930
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779 **Column:** HP-5MS
Instrument ID: MS01.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

† **SPCC Compound** ‡ **CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0932
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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

† **SPCC Compound** ‡ **CCC Compound**

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.092I		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1779
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyreue	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/04/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900761
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C04\0304-03B.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	49	0.01	1.79	1.74	-3	NA	± 20 %	AverageRF
2-Methylphenol	50	49	0.01	1.28	1.25	-2	NA	± 30 %	AverageRF
4-Methylphenol	50	50	0.01	1.63	1.62	-1	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.01	0.373	0.368	-1	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	1.16	1.18	2	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	49	0.01	0.738	0.725	-2	NA	± 30 %	AverageRF
Acenaphthylene	50	49	0.01	1.95	1.92	-2	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	0.01	1.07	1.09	2	NA	± 20 %	AverageRF
Dibenzofuran	50	52	0.01	1.62	1.69	5	NA	± 30 %	AverageRF
Fluorene	50	51	0.01	1.34	1.36	2	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.01	0.131	0.119	-9	NA	± 20 %	AverageRF
Phenanthrene	50	55	0.01	1.35	1.48	10	NA	± 30 %	AverageRF
Anthracene	50	50	0.01	1.28	1.29	1	NA	± 30 %	AverageRF
Carbazole	50	49	0.01	1.22	1.19	-3	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	0.01	1.32	1.27	-4	NA	± 20 %	AverageRF
Pyrene	50	51	0.01	1.38	1.42	3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	56	0.01	1.23	1.39	13	NA	± 30 %	AverageRF
Chrysene	50	49	0.01	1.16	1.14	-2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	38	0.01	1.49	1.32	NA	-24	± 30 %	Quadratic
Benzo(k)fluoranthene	50	49	0.01	1.55	1.54	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	0.01	1.16	1.13	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	47	0.01	1.27	1.21	-5	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	0.01	1.12	1.05	-7	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	48	0.01	1.00	0.966	-4	NA	± 30 %	AverageRF
2-Fluorophenol	50	46	0.01	1.55	1.42	-9	NA	± 30 %	AverageRF
Phenol-d6	50	49	0.01	1.90	1.87	-1	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	50	0.01	0.341	0.339	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	50	0.01	1.32	1.31	-1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	47	0.01	0.0843	0.0800	-5	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.790	0.787	0	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/12/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900863
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C12\0312-02.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	53	0.01	1.71	1.83	7	NA	± 20 %	AverageRF
2-Methylphenol	50	55	0.01	0.930	1.01	9	NA	± 30 %	AverageRF
4-Methylphenol	50	49	0.01	1.23	1.21	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	53	0.01	0.253	0.270	7	NA	± 30 %	AverageRF
Naphthalene	50	54	0.01	0.920	0.989	8	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	51	0.01	0.593	0.607	2	NA	± 30 %	AverageRF
Acenaphthylene	50	51	0.01	1.67	1.72	3	NA	± 30 %	AverageRF
‡ Acenaphthene	50	52	0.01	0.948	0.984	4	NA	± 20 %	AverageRF
Dibenzofuran	50	54	0.01	1.51	1.64	8	NA	± 30 %	AverageRF
Fluorene	50	54	0.01	1.23	1.31	7	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	50	0.01	0.0921	0.107	NA	0	± 20 %	Linear
Phenanthrene	50	54	0.01	1.13	1.21	7	NA	± 30 %	AverageRF
Anthracene	50	52	0.01	1.07	1.11	4	NA	± 30 %	AverageRF
Carbazole	50	48	0.01	0.952	0.907	-5	NA	± 30 %	AverageRF
‡ Fluoranthene	50	52	0.01	0.949	0.996	5	NA	± 20 %	AverageRF
Pyrene	50	48	0.01	1.41	1.36	-4	NA	± 30 %	AverageRF
Benz(a)anthracene	50	57	0.01	0.996	1.13	13	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	0.973	1.02	5	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	0.01	1.09	1.28	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	48	0.01	1.23	1.17	-5	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	59	0.01	0.896	1.05	17	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	58	0.01	0.974	1.12	15	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	59	0.01	0.811	0.961	19	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	55	0.01	0.815	0.903	11	NA	± 30 %	AverageRF
2-Fluorophenol	50	54	0.01	1.07	1.15	8	NA	± 30 %	AverageRF
Phenol-d6	50	53	0.01	1.51	1.60	6	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	56	0.01	0.349	0.392	13	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	54	0.01	1.34	1.45	8	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	59	0.01	0.0843	0.0994	18	NA	± 30 %	AverageRF
Terphenyl-d14	50	51	0.01	0.756	0.767	1	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930
Date Analyzed: 03/14/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900881
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C14\0314-03B.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	18	0.01	1.71	1.56	-9	NA	± 20 %	AverageRF
2-Methylphenol	20	18	0.01	0.930	0.831	-11	NA	± 30 %	AverageRF
4-Methylphenol	20	17	0.01	1.23	1.06	-14	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.242	-4	NA	± 30 %	AverageRF
Naphthalene	20	19	0.01	0.920	0.882	-4	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	18	0.01	0.593	0.545	-8	NA	± 30 %	AverageRF
Acenaphthylene	20	18	0.01	1.67	1.55	-8	NA	± 30 %	AverageRF
‡ Acenaphthene	20	19	0.01	0.948	0.908	-4	NA	± 20 %	AverageRF
Dibenzofuran	20	20	0.01	1.51	1.54	2	NA	± 30 %	AverageRF
Fluorene	20	20	0.01	1.23	1.24	1	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	22	0.01	0.0921	0.104	NA	10	± 20 %	Linear
Phenanthrene	20	21	0.01	1.13	1.19	5	NA	± 30 %	AverageRF
Anthracene	20	20	0.01	1.07	1.06	-1	NA	± 30 %	AverageRF
Carbazole	20	19	0.01	0.952	0.906	-5	NA	± 30 %	AverageRF
‡ Fluoranthene	20	20	0.01	0.949	0.973	2	NA	± 20 %	AverageRF
Pyrene	20	16	0.01	1.41	1.15	-19	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	1.01	1	NA	± 30 %	AverageRF
Chrysene	20	20	0.01	0.973	0.995	2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	18	0.01	1.09	0.969	-11	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	18	0.01	1.23	1.09	-11	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	20	0.01	0.896	0.878	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	20	0.01	0.974	0.960	-1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	20	0.01	0.811	0.812	0	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	19	0.01	0.815	0.788	-3	NA	± 30 %	AverageRF
2-Fluorophenol	20	18	0.01	1.07	0.992	-8	NA	± 30 %	AverageRF
Phenol-d6	20	18	0.01	1.51	1.37	-9	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	20	0.01	0.349	0.344	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	19	0.01	1.34	1.28	-5	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	20	0.01	0.0843	0.0850	1	NA	± 30 %	AverageRF
Terphenyl-d14	20	18	0.01	0.756	0.671	-11	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900761
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0304-02B.D	GC/MS Tuning - Generic	JWG0900761-1	3/4/2009	12:55		3/4/2009	12:55
0304-03B.D	Continuing Calibration Verification	JWG0900761-2	3/4/2009	13:12		3/4/2009	13:12
\0304-04.D	Method Blank	JWG0900713-4	3/4/2009	13:56		3/4/2009	13:56
\0304-05.D	Lab Control Sample	JWG0900713-3	3/4/2009	14:26		3/4/2009	14:26
\0304-06.D	FW17B-4-022409	J0900930-018	3/4/2009	14:56		3/4/2009	14:56
\0304-07.D	FW17B-4-022409MS	JWG0900713-1	3/4/2009	15:26		3/4/2009	15:26
\0304-08.D	FW17B-4-022409DMS	JWG0900713-2	3/4/2009	15:56		3/4/2009	15:56
\0304-09.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:27		3/4/2009	16:27
\0304-10.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:57		3/4/2009	16:57
\0304-11.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:27		3/4/2009	17:27
\0304-12.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:57		3/4/2009	17:57
\0304-13.D	ZZZZZZ	ZZZZZZ	3/4/2009	18:27		3/4/2009	18:27
\0304-14.D	ZZZZZZ	ZZZZZZ	3/4/2009	18:56		3/4/2009	18:56
\0304-15.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:26		3/4/2009	19:26
\0304-16.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:56		3/4/2009	19:56
\0304-17.D	ZZZZZZ	ZZZZZZ	3/4/2009	20:25		3/4/2009	20:25
\0304-18.D	ZZZZZZ	ZZZZZZ	3/4/2009	20:55		3/4/2009	20:55
\0304-19.D	ZZZZZZ	ZZZZZZ	3/4/2009	21:24		3/4/2009	21:24
\0304-20.D	ZZZZZZ	ZZZZZZ	3/4/2009	21:54		3/4/2009	21:54
\0304-21.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:23		3/4/2009	22:23
\0304-22.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:52		3/4/2009	22:52
\0304-23.D	ZZZZZZ	ZZZZZZ	3/4/2009	23:21		3/4/2009	23:21
\0304-24.D	ZZZZZZ	ZZZZZZ	3/4/2009	23:51		3/4/2009	23:51
\0304-25.D	ZZZZZZ	ZZZZZZ	3/5/2009	00:20		3/5/2009	00:20

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Client: Beazer East, Inc. **Service Request:** J0900930
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900863
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0312-01.D	GC/MS Tuning - Generic	JWG0900863-1	3/12/2009	20:36		3/12/2009	20:36
\0312-02.D	Continuing Calibration Verification	JWG0900863-2	3/12/2009	20:54		3/12/2009	20:54
\0312-03.D	ZZZZZZ	ZZZZZZ	3/12/2009	22:12		3/12/2009	22:12
\0312-04.D	ZZZZZZ	ZZZZZZ	3/12/2009	22:50		3/12/2009	22:50
\0312-05.D	ZZZZZZ	ZZZZZZ	3/12/2009	23:29		3/12/2009	23:29
\0312-06.D	ZZZZZZ	ZZZZZZ	3/13/2009	00:08		3/13/2009	00:08
\0312-07.D	ZZZZZZ	ZZZZZZ	3/13/2009	00:46		3/13/2009	00:46
\0312-08.D	ZZZZZZ	ZZZZZZ	3/13/2009	01:25		3/13/2009	01:25
\0312-09.D	ZZZZZZ	ZZZZZZ	3/13/2009	02:03		3/13/2009	02:03
\0312-10.D	FW24C-03-022309	J0900930-001	3/13/2009	02:42		3/13/2009	02:42
\0312-11.D	FW24C-04-022309	J0900930-002	3/13/2009	03:20		3/13/2009	03:20
\0312-12.D	FW10B-04-022409	J0900930-003	3/13/2009	03:59		3/13/2009	03:59
\0312-13.D	FW10B-03-022409	J0900930-005	3/13/2009	04:37		3/13/2009	04:37
\0312-14.D	FW99D-022409	J0900930-006	3/13/2009	05:15		3/13/2009	05:15
\0312-15.D	FW10B-02-022409	J0900930-007	3/13/2009	05:53		3/13/2009	05:53
\0312-16.D	FW10B-01-022409	J0900930-008	3/13/2009	06:31		3/13/2009	06:31
\0312-17.D	FW19B-04-022409	J0900930-009	3/13/2009	07:09		3/13/2009	07:09
\0312-18.D	FW19B-03-022409	J0900930-010	3/13/2009	07:47		3/13/2009	07:47
\0312-19.D	FB-01-022309	J0900930-011	3/13/2009	08:26		3/13/2009	08:26

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900930

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900881
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0314-02B.D	GC/MS Tuning - Generic	JWG0900881-1	3/14/2009	14:24		3/14/2009	14:24
0314-03B.D	Continuing Calibration Verification	JWG0900881-2	3/14/2009	14:43		3/14/2009	14:43
\0314-04.D	ZZZZZZ	ZZZZZZ	3/14/2009	15:22		3/14/2009	15:22
\0314-05.D	EB-01-022309	J0900930-013	3/14/2009	16:01		3/14/2009	16:01
\0314-06.D	FW15B-2-022409	J0900930-014	3/14/2009	16:40		3/14/2009	16:40
\0314-07.D	FW15B-1-022409	J0900930-015	3/14/2009	17:19		3/14/2009	17:19
\0314-08.D	FW17B-2-022409	J0900930-016	3/14/2009	17:58		3/14/2009	17:58
\0314-09.D	FW17B-3-022409	J0900930-017	3/14/2009	18:37		3/14/2009	18:37
\0314-10.D	FW99C-022409	J0900930-019	3/14/2009	19:17		3/14/2009	19:17
\0314-11.D	FW15B-03-022409	J0900930-021	3/14/2009	19:56		3/14/2009	19:56
\0314-12.D	ZZZZZZ	ZZZZZZ	3/14/2009	20:36		3/14/2009	20:36
\0314-13.D	ZZZZZZ	ZZZZZZ	3/14/2009	21:15		3/14/2009	21:15
\0314-14.D	ZZZZZZ	ZZZZZZ	3/14/2009	21:54		3/14/2009	21:54
\0314-15.D	ZZZZZZ	ZZZZZZ	3/14/2009	22:33		3/14/2009	22:33
\0314-16.D	ZZZZZZ	ZZZZZZ	3/14/2009	23:13		3/14/2009	23:13
\0314-17.D	ZZZZZZ	ZZZZZZ	3/14/2009	23:52		3/14/2009	23:52
\0314-18.D	ZZZZZZ	ZZZZZZ	3/15/2009	00:31		3/15/2009	00:31
\0314-19.D	ZZZZZZ	ZZZZZZ	3/15/2009	01:10		3/15/2009	01:10
\0314-20.D	ZZZZZZ	ZZZZZZ	3/15/2009	01:49		3/15/2009	01:49
\0314-21.D	ZZZZZZ	ZZZZZZ	3/15/2009	02:28		3/15/2009	02:28
\0314-22.D	ZZZZZZ	ZZZZZZ	3/15/2009	03:07		3/15/2009	03:07
\0314-23.D	ZZZZZZ	ZZZZZZ	3/15/2009	03:46		3/15/2009	03:46
\0314-24.D	ZZZZZZ	ZZZZZZ	3/15/2009	04:25		3/15/2009	04:25

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900930
Date Extracted: 02/26/2009

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0900713
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW24C-03-022309	J0900930-001	02/23/09	02/25/09	800ml	1.0ml	NA	
FW24C-04-022309	J0900930-002	02/23/09	02/25/09	860ml	1.0ml	NA	
FW10B-04-022409	J0900930-003	02/24/09	02/25/09	800ml	1.0ml	NA	
FW10B-03-022409	J0900930-005	02/24/09	02/25/09	970ml	1.0ml	NA	
FW99D-022409	J0900930-006	02/24/09	02/25/09	860ml	1.0ml	NA	
FW10B-02-022409	J0900930-007	02/24/09	02/25/09	900ml	1.0ml	NA	
FW10B-01-022409	J0900930-008	02/24/09	02/25/09	900ml	1.0ml	NA	
FW19B-04-022409	J0900930-009	02/24/09	02/25/09	800ml	1.0ml	NA	
FW19B-03-022409	J0900930-010	02/24/09	02/25/09	900ml	1.0ml	NA	
FB-01-022309	J0900930-011	02/23/09	02/25/09	810ml	1.0ml	NA	
EB-01-022309	J0900930-013	02/23/09	02/25/09	830ml	1.0ml	NA	
FW15B-2-022409	J0900930-014	02/24/09	02/25/09	860ml	1.0ml	NA	
FW15B-1-022409	J0900930-015	02/24/09	02/25/09	840ml	1.0ml	NA	
FW17B-2-022409	J0900930-016	02/24/09	02/25/09	900ml	1.0ml	NA	
FW17B-3-022409	J0900930-017	02/24/09	02/25/09	970ml	1.0ml	NA	
FW17B-4-022409	J0900930-018	02/24/09	02/25/09	800ml	1.0ml	NA	
FW99C-022409	J0900930-019	02/24/09	02/25/09	860ml	1.0ml	NA	
FW15B-03-022409	J0900930-021	02/23/09	02/25/09	980ml	1.0ml	NA	
Method Blank	JWG0900713-4	NA	NA	1000ml	1.0ml	NA	
FW17B-4-022409MS	JWG0900713-1	02/24/09	02/25/09	890ml	1.0ml	NA	
FW17B-4-022409DMS	JWG0900713-2	02/24/09	02/25/09	860ml	1.0ml	NA	
Lab Control Sample	JWG0900713-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J0900930

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
FW24C-03-022309	J0900930-001
FW24C-03-022309S	J0900930-001S
FW24C-03-022309SD	J0900930-001SD
FW24C-04-022309	J0900930-002
FW10B-04-022409	J0900930-003
Metals Blank 1-022409	J0900930-004
FW10B-03-022409	J0900930-005
FW99D-022409	J0900930-006
FW10B-02-022409	J0900930-007
FW10B-01-022409	J0900930-008
FW19B-04-022409	J0900930-009
FW19B-03-022409	J0900930-010
FB-01-022309	J0900930-011
MB-01-022309	J0900930-012
EB-01-022309	J0900930-013
FW15B-2-022409	J0900930-014
FW15B-1-022409	J0900930-015
FW17B-2-022409	J0900930-016
FW17B-3-022409	J0900930-017
FW17B-4-022409	J0900930-018
FW17B-4-022409S	J0900930-018S
FW17B-4-022409SD	J0900930-018SD
FW99C-022409	J0900930-019
FW15B-03-022409	J0900930-021

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner Name: Barbara Scribner

Date: 3/26/09 Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24C-03-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-001

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			MS
7440-47-3	Chromium	1.2	i	JB	MS
7440-50-8	Copper	0.5	i	JB	MS
7440-66-6	Zinc	6	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24C-04-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-002

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.22	j	J	MS
7440-47-3	Chromium	1.2	j	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW10B-04-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-003

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.3	i	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

Metals Blank 1-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-004

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.3	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW10B-03-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-005

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.25	~~i~~	J	MS
7440-47-3	Chromium	1.2	~~i~~	JB	MS
7440-50-8	Copper	0.3	~~i~~	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99D-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-006

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	i	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	i	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW10B-02-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-007

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.5			MS
7440-47-3	Chromium	1.2	J	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW10B-01-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-008

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	16			MS
7440-47-3	Chromium	1.3	J	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW19B-04-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-009

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.1	~~I~~	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW19B-03-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-010

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.3	J	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-011

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.3	J	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MB-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-012

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.2	J	J	MS
7440-50-8	Copper	0.6	J	J	MS
7440-66-6	Zinc	4	J	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB-01-022309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-013

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.3	~~U~~	J	MS
7440-50-8	Copper	0.3	~~U~~	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW15B-2-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-014

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.35	i	J	MS
7440-47-3	Chromium	1.1	i	JB	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW15B-1-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-015

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0			MS
7440-47-3	Chromium	3.4		B	MS
7440-50-8	Copper	0.6		J	MS
7440-66-6	Zinc	6		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW17B-2-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-016

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	i	JV	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	6	i	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW17B-3-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-017

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	J	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	9	J	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW17B-4-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-018

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	J	JB	MS
7440-50-8	Copper	0.4	J	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99C-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-019

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.33	i	J	MS
7440-47-3	Chromium	2.1		HB	MS
7440-50-8	Copper	0.6	i	J	MS
7440-66-6	Zinc	17		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW15B-03-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Lab Sample ID: J0900930-021

Level (low/med): LOW Date Received: 2/25/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.5			MS
7440-47-3	Chromium	1.0	i	JB	MS
7440-50-8	Copper	0.4	i	J	MS
7440-66-6	Zinc	11			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Total Metals

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic	50.0	47.6	95	25.0	24.3	97	24.0	96	MS
Chromium	20.0	20.2	101	25.0	25.0	100	25.0	100	MS
Copper	25.0	24.8	99	25.0	24.0	96	24.8	99	MS
Zinc	50.0	49.7	99	50.0	49.4	99	49.6	99	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Total Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900930

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	24.8	99	24.5	98	MS
Chromium				25.0	25.0	100	24.4	98	MS
Copper				25.0	24.4	98	23.9	96	MS
Zinc				50.0	49.1	98	48.1	96	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Total Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900930

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	24.2	97	23.7	95	MS
Chromium				25.0	24.2	97	24.5	98	MS
Copper				25.0	23.4	94	23.0	92	MS
Zinc				50.0	47.8	96	47.5	95	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Total Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900930

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	24.1	96	23.1	92	MS
Chromium				25.0	24.3	97	24.1	96	MS
Copper				25.0	23.5	94	23.1	92	MS
Zinc				50.0	48.3	97	47.4	95	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Total Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900930

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	23.9	96	23.9	96	MS
Chromium				25.0	24.0	96	24.4	98	MS
Copper				25.0	23.2	93	23.4	94	MS
Zinc				50.0	47.4	95	48.7	97	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Total Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900930

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.365	73		
Chromium				2.000	2.050	102		
Copper				2.000	2.020	101		
Zinc				10.000	11.000	110		

Comments:

Total Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Arsenic	0.200	U	0.200	U	0.200	U	0.200	U		0.20	U		MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U		0.8	U		MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U		0.3	U		MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U		4	U		MS

Comments:

Total Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Arsenic			0.200	U	0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U	4.00	U					MS

Comments:

Total Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.200	U	0.200	U			MS
Chromium			0.800	U	0.800	U	0.800	U			MS
Copper			0.300	U	0.300	U	0.300	U			MS
Zinc			4.00	U	4.00	U	4.00	U			MS

Comments:

Total Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U							MS
Chromium			0.800	U							MS
Copper			0.300	U							MS
Zinc			4.00	U							MS

Comments:

Total Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.3	19.5	98			
Chromium	0.0	20.0	0.5	20.4	102			
Copper	0.0	20.0	0.5	18.6	93			
Zinc	0.0	40.0	2.1	40.2	100			

Total Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW24C-03-022309S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	54.20		2.80		50.0	103		MS
Chromium	75 - 125	50.8		1.2		50.0	99		MS
Copper	75 - 125	47.0		0.5		50.0	93		MS
Zinc	75 - 125	103.0		5.6		100	97		MS

Comments:

Total Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW24C-03-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	54.00		2.80		50.0	102		MS
Chromium	75 - 125	50.7		1.2		50.0	99		MS
Copper	75 - 125	47.3		0.5		50.0	94		MS
Zinc	75 - 125	102.0		5.6		100	96		MS

Comments:

Total Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW17B-4-022409S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	49.00		0.20	U	50.0	98		MS
Chromium	75 - 125	48.7		1.0		50.0	95		MS
Copper	75 - 125	44.8		0.4		50.0	89		MS
Zinc	75 - 125	99.1		4.0	U	100	99		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW17B-4-022409SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	50.10		0.20	U	50.0	100		MS
Chromium	75 - 125	50.4		1.0		50.0	99		MS
Copper	75 - 125	46.7		0.4		50.0	93		MS
Zinc	75 - 125	101.0		4.0	U	100	101		MS

Comments:

Total Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: FW24C-03-022309A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	51.50		2.80		50.0	97		MS
Chromium	75 - 125	47.90		1.16		50.0	93		MS
Copper	75 - 125	44.90		0.53		50.0	89		MS
Zinc	75 - 125	101.00		5.56		100.0	95		MS

Comments:

Total Metals
-6-
DUPLICATES

SAMPLE NO.: FW24C-03-022309SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		54.20		54.00		0		MS
Chromium		50.8		50.7		0		MS
Copper		47.0		47.3		1		MS
Zinc		103.0		102.0		1		MS

Comments:

Total Metals
-6-
DUPLICATES

SAMPLE NO.

Client: Beazer East, Inc. | FW17B-4-022409SD

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		49.00		50.10		2		MS
Chromium		48.7		50.4		3		MS
Copper		44.8		46.7		4		MS
Zinc		99.1		101.0		2		MS

Comments:

Total Metals

-7-

LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	51.0	102					
Chromium	50.0	50.0	100					
Copper	50.0	48.6	97					
Zinc	100	104.0	104					

Comments:

Total Metals

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

FW24C-03-022309L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	2.800		4.080		46		MS
Chromium	1.160		4.000	U	100.0		MS
Copper	0.528		1.720	i	226		MS
Zinc	5.560		20.000	U	100.0		MS

Comments:

Total Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.000	0.800	MS
Copper	65		2.000	0.300	MS
Zinc	66		10.00	4.00	MS

Comments:

Total Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

Total Metals

-13-

PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900930

Method: MS Prep Method: EPA 3020A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
FW24C-03-022309	3/3/2009	25.0	25.0
FW24C-03-022309S	3/3/2009	25.0	25.0
FW24C-03-022309SD	3/3/2009	25.0	25.0
FW24C-04-022309	3/3/2009	25.0	25.0
FW10B-04-022409	3/3/2009	25.0	25.0
Metals Blank 1-02240	3/3/2009	25.0	25.0
FW10B-03-022409	3/3/2009	25.0	25.0
FW99D-022409	3/3/2009	25.0	25.0
FW10B-02-022409	3/3/2009	25.0	25.0
FW10B-01-022409	3/3/2009	25.0	25.0
FW19B-04-022409	3/3/2009	25.0	25.0
FW19B-03-022409	3/3/2009	25.0	25.0
FB-01-022309	3/3/2009	25.0	25.0
MB-01-022309	3/3/2009	25.0	25.0
EB-01-022309	3/3/2009	25.0	25.0
FW15B-2-022409	3/3/2009	25.0	25.0
FW15B-1-022409	3/3/2009	25.0	25.0
FW17B-2-022409	3/3/2009	25.0	25.0
FW17B-3-022409	3/3/2009	25.0	25.0
FW17B-4-022409	3/3/2009	25.0	25.0
FW17B-4-022409S	3/3/2009	25.0	25.0
FW17B-4-022409SD	3/3/2009	25.0	25.0
FW99C-022409	3/3/2009	25.0	25.0
FW15B-03-022409	3/3/2009	25.0	25.0
Lab Control Sample	3/3/2009	25.0	25.0
Method Blank	3/3/2009	25.0	25.0

Comments:

Total Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900930

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
blank	1.00	13:10				X					X		X												X	
cal blank	1.00	13:14				X					X		X												X	
cal std 1 25 ppb	1.00	13:19				X					X		X												X	
cal std 2 50ppb	1.00	13:23				X					X		X												X	
cal std 3 100ppb	1.00	13:27				X					X		X												X	
ICV	1.00	13:31				X					X		X												X	
ICB	1.00	13:35				X					X		X												X	
MRL	1.00	13:40				X					X		X												X	
ICSA	1.00	13:44				X					X		X												X	
ICSAB	1.00	13:48				X					X		X												X	
BR 1.0PPM	1.00	13:52				X					X		X												X	
Blank	1.00	13:57				X					X		X												X	
CCV1	1.00	14:01				X					X		X												X	
CCB1	1.00	14:05				X					X		X												X	
CCV2	1.00	14:38				X					X		X												X	
CCB2	1.00	14:43				X					X		X												X	
CCV3	1.00	15:24				X					X		X												X	
CCB3	1.00	15:29				X					X		X												X	
CCV4	1.00	16:11				X					X		X												X	
CCB4	1.00	16:15				X					X		X												X	
CCV5	1.00	16:52				X					X		X												X	
CCB5	1.00	16:57				X					X		X												X	
Method Blank	1.00	17:01				X					X		X												X	
Lab Control Sample	1.00	17:05				X					X		X												X	
FW24C-03-022309	1.00	17:09				X					X		X												X	
FW24C-03-022309S	1.00	17:13				X					X		X												X	
FW24C-03-022309SD	1.00	17:18				X					X		X												X	
FW24C-03-022309L	5.00	17:22				X					X		X												X	
FW24C-03-022309A	1.00	17:26				X					X		X												X	
CCV6	1.00	17:30				X					X		X												X	
CCB6	1.00	17:34				X					X		X												X	
FW24C-04-022309	1.00	17:39				X					X		X												X	
FW10B-04-022409	1.00	17:43				X					X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Total Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900930

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Metals Blank 1-022	1.00	17:47				X					X		X												X	
FW10B-03-022409	1.00	17:51				X					X		X												X	
FW99D-022409	1.00	17:55				X					X		X												X	
FW10B-02-022409	1.00	18:00				X					X		X												X	
FW10B-01-022409	1.00	18:04				X					X		X												X	
CCV7	1.00	18:08				X					X		X												X	
CCB7	1.00	18:12				X					X		X												X	
FW19B-04-022409	1.00	18:16									X		X												X	
FW19B-03-022409	1.00	18:20				X					X		X												X	
FB-01-022309	1.00	18:25				X					X		X												X	
MB-01-022309	1.00	18:29				X					X		X												X	
EB-01-022309	1.00	18:33				X					X		X												X	
FW15B-2-022409	1.00	18:37				X					X		X												X	
FW15B-1-022409	1.00	18:41				X					X		X												X	
CCV8	1.00	18:46				X					X		X												X	
CCB8	1.00	18:50				X					X		X												X	
FW17B-2-022409	1.00	18:54				X					X		X												X	
FW17B-3-022409	1.00	18:58				X					X		X												X	
FW17B-4-022409	1.00	19:02				X					X		X												X	
FW17B-4-022409S	1.00	19:07				X					X		X												X	
FW17B-4-022409SD	1.00	19:11				X					X		X												X	
FW99C-022409	1.00	19:15				X					X		X												X	
FW15B-03-022409	1.00	19:19				X					X		X												X	
CCV9	1.00	19:24				X					X		X												X	
CCB9	1.00	19:28				X					X		X												X	
FW19B-04-022409	5.00	19:49				X																				
CCV10	1.00	20:23				X					X		X												X	
CCB10	1.00	20:27				X					X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900930
Date Collected : 02/23,24/09
Date Received : 02/25/09

Bromide

Analysis Method : 300.0
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
FW24C-03-022309	J0900930-001	0.4	0.043	1	03/10/09 05:32	1.8	
FW24C-04-022309	J0900930-002	0.4	0.043	1	03/10/09 05:32	0.74	
FW10B-04-022409	J0900930-003	0.4	0.043	1	03/10/09 05:32	0.98	
FW10B-03-022409	J0900930-005	0.4	0.043	1	03/10/09 05:32	1.6	
FW99D-022409	J0900930-006	0.4	0.043	1	03/10/09 05:32	0.95	
FW10B-02-022409	J0900930-007	8	0.86	20	03/10/09 05:32	59	
FW10B-01-022409	J0900930-008	8	0.86	20	03/10/09 05:32	66	
FW19B-04-022409	J0900930-009	0.4	0.043	1	03/10/09 05:32	U	
FW19B-03-022409	J0900930-010	0.4	0.043	1	03/10/09 05:32	0.37	J
FB-01-022309	J0900930-011	0.4	0.043	1	03/10/09 05:32	U	
EB-01-022309	J0900930-013	0.4	0.043	1	03/10/09 05:32	U	
FW15B-2-022409	J0900930-014	0.4	0.043	1	03/10/09 05:32	1.6	
FW15B-1-022409	J0900930-015	0.4	0.043	1	03/10/09 05:32	0.28	J
FW17B-2-022409	J0900930-016	0.4	0.043	1	03/10/09 05:32	0.30	J
FW17B-3-022409	J0900930-017	0.4	0.043	1	03/10/09 05:32	0.65	
FW17B-4-022409	J0900930-018	0.4	0.043	1	03/10/09 05:32	0.94	
FW99C-022409	J0900930-019	0.4	0.043	1	03/10/09 05:32	0.65	
FW15B-03-022409	J0900930-021	0.4	0.043	1	03/10/09 05:32	0.49	
Method Blank	J0900930-MB	0.4	0.043	1	03/10/09 05:32	U	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900930
Date Collected : 02/23/09
Date Received : 02/25/09
Date Extracted : NA
Date Analyzed : 03/10/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW24C-03-022309
Lab Code : J0900930-001DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	1.8	1.8	1.8	<1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900930
Date Collected : 02/23/09
Date Received : 02/25/09
Date Extracted : NA
Date Analyzed : 03/10/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW24C-03-022309
Lab Code : J0900930-001MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	1.8	7.18	108	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900930
Date Collected : 02/24/09
Date Received : 02/25/09
Date Extracted : NA
Date Analyzed : 03/10/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW17B-4-022409
Lab Code : J0900930-018DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	0.94	0.94	0.94	<1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900930
Date Collected : 02/24/09
Date Received : 02/25/09
Date Extracted : NA
Date Analyzed : 03/10/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW17B-4-022409
Lab Code : J0900930-018MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	0.94	6.26	106	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0900930
Project Name :	Gainesville, FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/10/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0900930-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	5.11	102	90-110	

Report By: Palimi

FTS, LLC

DATE: March 30, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Westbay GW

SAMPLE DELIVERY GROUP (SDG): J0900963

SAMPLES: FW24B-03-022509, FW24B-04-022509, Metals Blank-022509, FW24B-01-022509, FW24B-02-022509, FW99F-022509, FW21B-03-022509, FW21B-04-022509, FW21B-02-022609, FW21B-01-022609, FW11B-1-022509, FW23B-1-022509, FW23B-4-022509, FW23B-3-022509, FW23B-2-022509, FW22B-1-022509, FW22B-4-022509, FW99E-022509, FW22B-2-022509, Trip Blank-022609

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved chromium was detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Dissolved chromium and zinc were detected in the metals blank. See next page for details. Data was qualified using equipment blank, EB04-022609. Details are in SDG J0900990.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The MS/MSD recoveries of benzo(k)fluoranthene was slightly above the control limits. No action was taken as the LCS recovery was compliant.

□ Laboratory Control Sample
Noncompliances: None

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analyte was detected in the aqueous method blank at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	0.9 J ug/l	4.5 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Blank Contamination:

The following analytes were detected in the aqueous metals blank, Metals Blank-022509, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.1 J ug/l	5.5 ug/l
Zinc, dissolved	7 J ug/l	35 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-24B-02	QUAL	FW-99F	QUAL	RPD
Acenaphthalene	3	J	2.9	J	3.39
Arsenic, dissolved	86		85		1.17
Bromide	8.2		8.4		2.41
Copper, dissolved	0.4	J	0.3	U	NC
ANALYTE	FW-23B-03	QUAL	FW-99E	QUAL	RPD
Copper, dissolved	0.3	U	0.3	J	NC

NC – not calculated due to nondetect result

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 27, 2009 Service Request No: J0900963

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

Laboratory Results for: Gainesville, FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on February 26, 2009. For your reference, these analyses have been assigned our service request number **J0900963**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

Page 1 of 810

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 810 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900963
Project:	Gainesville, FL	**Date Received:**	2/26/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

20 water samples were received for analysis at Columbia Analytical Services on 2/26/09. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Matrix Spike Recovery Exceptions

The upper control criterion was exceeded for the following analyte in Matrix Spike (MS) FW19B-03-022409MS and Duplicate Matrix Spike (DMS) FW19B-03-022409DMS: Benzo(k)fluoranthene. The analyte in question was not detected in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data are not significantly affected. No further corrective action was appropriate.

Metals by ICP-MS

Elevated Method Reporting Limits

The reporting limit is elevated for Arsenic in sample FW23B-4-022509, FW23B-2-022509, FW99E-022509 and FW22B-2-022509. The sample extract was diluted due to high negative concentration.

Sample Confirmation Notes

The serial dilution for Arsenic is outside of acceptance limits for sample FW24B-03-022509. The post spike was within acceptance limits for this sample. No further corrective action was taken.

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Tom D. Hissung **Date** 3/27/09

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900963-001	FW24B-03-022509	2/25/09	12:30
J0900963-002	FW24B-04-022509	2/25/09	13:20
J0900963-003	Metals Blank-022509	2/25/09	12:30
J0900963-004	FW24B-01-022509	2/25/09	14:00
J0900963-005	FW24B-02-022509	2/25/09	14:50
J0900963-006	FW99F-022509	2/25/09	20:00
J0900963-007	FW21B-03-022509	2/25/09	16:40
J0900963-008	FW21B-04-022509	2/25/09	17:20
J0900963-009	FW21B-02-022609	2/25/09	08:30
J0900963-010	FW21B-01-022609	2/25/09	09:00
J0900963-011	FW11B-1-022509	2/25/09	09:55
J0900963-012	FW23B-1-022509	2/25/09	11:00
J0900963-013	FW23B-4-022509	2/25/09	11:35
J0900963-014	FW23B-3-022509	2/25/09	13:40
J0900963-015	FW23B-2-022509	2/25/09	15:15
J0900963-016	FW22B-1-022509	2/25/09	16:00
J0900963-017	FW22B-4-022509	2/25/09	16:40
J0900963-018	FW99E-022509	2/25/09	20:00
J0900963-019	FW22B-2-022509	2/25/09	17:10
J0900963-020	Trip Blank-022609	2/25/09	00:00

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. Tbe 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.

Columbia Analytical Services™

Chain of Custody Documentation

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
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Columbia Analytical Services™ CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR # J0900903
CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: aggatchie.2006@f-ts.com
Company/Address: 200 Third Ave, Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and C

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS | PTEX 8260B | SVOCs 8270C | Dissolved As, Cr, Zn by | Bromide 300.0

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX					
FW24B-03-022509		2/25/09	1230	GW	7	3	2	1	1
FW24B-04-022509		2/25/09	1320	GW	7	3	2	1	1
Metals blank-022509		2/25/09	1230	DI	1			1	
FW24B-01-022509		2/25/09	1400	GW	7	3	2	1	1
FW24B-02-022509		2/25/09	1450	GW	7	3	2	1	1
FW99F-022509		2/25/09	2000	GW	7	3	2	1	1
FW21B-03-022509		2/25/09	1640	GW	7	3	2	1	1
FW21B-04-022509		2/25/09	1720	GW	7	3	2	1	1
FW21B-02-022609		2/26/09	0830	GW	7	3	2	1	1
FW21B-01-022609		2/26/09	0900	GW	7	3	2	1	1

2/26/09

2/26/09

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

2/26/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: Matthew McEwen	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name:	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm:	Firm	Firm	Firm	Firm
Date/Time: 2/26/09 0910	Date/Time: 2-26-09 1254	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services

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SR # J0900963
CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: aggatchie.2006@fts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4517
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS | 8260B | 8270C | Diss Metals | Br - Bromide

[redacted]

1. HCl
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX					
FW-11B-1-022509		2-25-09	0955	GW	7	3	2	1	1
FW-23B-1-022509			1100	GW	7	3	2	1	1
FW-23B-4-022509			1135	GW	7	3	2	1	1
FW-23B-4-ms/msd-022509			1135	GW	14	6	4	2	2
FW-23B-3-022509			1340	GW	7	3	2	1	1
FW-23B-2-022509			1515	GW	7	3	2	1	1
FW-22B-1-022509			1600	GW	7	3	2	1	1
FW-22B-4-022509			1640	GW	7	3	2	1	1
FW-99-E-022509			2000	GW	7	3	2	1	1
FW-22B-2-022509			1710	GW	7	3	2	1	1

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

2/26/09

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name:	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm:	Firm	Firm	Firm	Firm
Date/Time: 2/26/09 0900	Date/Time: 2-26-09 1250	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services

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PAGE 3 OF 3

SR # JG900463

CAS Contact

Project Name: Gainesville, FL	Project Number: 0M095009-091
Project Manager: A. Gatchie	Email Address: aggatchie.2006@f-ts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1

NUMBER OF CONTAINERS: 2

BTEX 8260B

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX
Trip blank-022609		2/26/09	—	DI

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Rory Hanczar	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FTS	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 2/26/09, 0920	Date/Time: 2-26-09 1854	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # J0900963

Project: Gainesville, FL

Cooler received on 2-26-09 and opened on 2-26-09 by _____

COURIER: (CAS) UPS FEDEX DHL CLIENT Tracking # —

1	Were custody seals on outside of cooler?	Yes	No	N/A
2	Were seals intact, signed and dated?	Yes	No	N/A
3	Were custody papers properly filled out?	Yes	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	0.3	0.1 2.8	0.2
5	Correct Temperature?	(Yes)	No	N/A
6	Were Ice or Ice Packs present	(Yes)	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	(Yes)	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	(Yes)	No	N/A
9	Did all bottle labels and tags agree with custody papers?	(Yes)	No	N/A
10	Were the correct bottles used for the tests indicated?	(Yes)	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	Yes	No	N/A

HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2

Preservative additions noted below

12	Were all samples received within analysis holding times?	(Yes)	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	(Yes)	No	N/A
14	Where did the bottles originate?	(CAS)	Client	

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

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

Client approval to run samples if discrepancies noted: Date: 11

SR # : J0900963 Date: 2-26-09 Initials:

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

	Bottle Code																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Container	40mL G	40mL G	40mL G	40mL G	125mL P	125mL P	125mL P	125mL P	250mL P	250mL P	250mL P	250mL P	250mL P	250mL G	250mL G	500mL P	500mL P	500mL P	1L P	1L P	1L G	1L G	1L G	2oz G	4oz G	8oz G	16oz G	5g ENC	100mL P	Misc. Misc.
Preservation		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Columbia Analytical Services

Summary Package

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Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW24B-03-022509	J0900963-001	02/25/2009	02/26/2009
FW24B-04-022509	J0900963-002	02/25/2009	02/26/2009
FW24B-01-022509	J0900963-004	02/25/2009	02/26/2009
FW24B-02-022509	J0900963-005	02/25/2009	02/26/2009
FW99F-022509	J0900963-006	02/25/2009	02/26/2009
FW21B-03-022509	J0900963-007	02/25/2009	02/26/2009
FW21B-04-022509	J0900963-008	02/25/2009	02/26/2009
FW21B-02-022609	J0900963-009	02/25/2009	02/26/2009
FW21B-01-022609	J0900963-010	02/25/2009	02/26/2009
FW11B-1-022509	J0900963-011	02/25/2009	02/26/2009
FW23B-1-022509	J0900963-012	02/25/2009	02/26/2009
FW23B-4-022509	J0900963-013	02/25/2009	02/26/2009
FW23B-3-022509	J0900963-014	02/25/2009	02/26/2009
FW23B-2-022509	J0900963-015	02/25/2009	02/26/2009
FW22B-1-022509	J0900963-016	02/25/2009	02/26/2009
FW22B-4-022509	J0900963-017	02/25/2009	02/26/2009
FW99E-022509	J0900963-018	02/25/2009	02/26/2009
FW22B-2-022509	J0900963-019	02/25/2009	02/26/2009
Trip Blank-022609	J0900963-020	02/25/2009	02/26/2009
FW23B-4-022509MS	JWG0900719-1	02/25/2009	02/26/2009
FW23B-4-022509DMS	JWG0900719-2	02/25/2009	02/26/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Al Wray Name: Al Wray

Date: 3-5-09 Title: Analyst

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-03-022509	**Units:**	ug/L
Lab Code:	J0900963-001	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	109	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/02/09	Acceptable
Toluene-d8	98	88-117	03/02/09	Acceptable
Dibromofluoromethane	100	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Componnds by GC/MS

Sample Name:	FW24B-04-022509	**Units:**	ug/L
Lab Code:	J0900963-002	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	101	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	100	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-01-022509	**Units:**	ug/L
Lab Code:	J0900963-004	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/02/09	Acceptable
Toluene-d8	99	88-117	03/02/09	Acceptable
Dibromofluoromethane	102	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-02-022509	**Units:**	ug/L
Lab Code:	J0900963-005	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	102	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	101	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW99F-022509	**Units:**	ug/L
Lab Code:	J0900963-006	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	99	88-117	03/02/09	Acceptable
Dibromofluoromethane	101	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-03-022509	**Units:**	ug/L
Lab Code:	J0900963-007	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	105	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	98	88-117	03/02/09	Acceptable
Dibromofluoromethane	98	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-04-022509	**Units:**	ug/L
Lab Code:	J0900963-008	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	**0.34**	J	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	**0.41**	J	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	101	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-02-022609	**Units:**	ug/L
Lab Code:	J0900963-009	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	**0.61**	J	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	**0.61**	J	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/02/09	Acceptable
Toluene-d8	99	88-117	03/02/09	Acceptable
Dibromofluoromethane	98	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-01-022609	**Units:**	ug/L
Lab Code:	J0900963-010	**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	**0.56**	J	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	**1.0**	J	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	**0.59**	J	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	108	75-120	03/02/09	Acceptable
Toluene-d8	95	88-117	03/02/09	Acceptable
Dibromofluoromethane	100	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-011	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	107	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	93	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-012	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	102	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	101	75-120	03/02/09	Acceptable
Toluene-d8	94	88-117	03/02/09	Acceptable
Dibromofluoromethane	97	82-116	03/02/09	Acceptable

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW23B-4-022509
Lab Code: J0900963-013

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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	102	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	101	75-120	03/02/09	Acceptable
Toluene-d8	95	88-117	03/02/09	Acceptable
Dibromofluoromethane	96	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-3-022509	**Units:**	ug/L
Lab Code:	J0900963-014	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	102	75-120	03/02/09	Acceptable
Toluene-d8	95	88-117	03/02/09	Acceptable
Dibromofluoromethane	98	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-2-022509	**Units:**	ug/L
Lab Code:	J0900963-015	**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	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	108	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	100	75-120	03/02/09	Acceptable
Toluene-d8	96	88-117	03/02/09	Acceptable
Dibromofluoromethane	98	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-016	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	103	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	97	75-120	03/02/09	Acceptable
Toluene-d8	96	88-117	03/02/09	Acceptable
Dibromofluoromethane	91	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-017	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	99	75-120	03/02/09	Acceptable
Toluene-d8	95	88-117	03/02/09	Acceptable
Dibromofluoromethane	97	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW99E-022509	**Units:**	ug/L
Lab Code:	J0900963-018	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	105	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	102	75-120	03/02/09	Acceptable
Toluene-d8	98	88-117	03/02/09	Acceptable
Dibromofluoromethane	99	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-2-022509	**Units:**	ug/L
Lab Code:	J0900963-019	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	102	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	98	75-120	03/02/09	Acceptable
Toluene-d8	94	88-117	03/02/09	Acceptable
Dibromofluoromethane	98	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank-022609	**Units:**	ug/L
Lab Code:	J0900963-020	**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	0.52	1	03/04/09	03/04/09	JWG0900766	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900766	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900766	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900766	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900766	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	108	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	100	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900719-4	**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	0.52	1	03/02/09	03/02/09	JWG0900719	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900719	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900719	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900719	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/02/09	Acceptable
Toluene-d8	98	88-117	03/02/09	Acceptable
Dibromofluoromethane	101	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900766-4	**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	0.52	1	03/04/09	03/04/09	JWG0900766	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900766	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900766	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900766	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900766	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/04/09	Acceptable
Toluene-d8	102	88-117	03/04/09	Acceptable
Dibromofluoromethane	98	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Surrogate Recovery Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B **Units:** PERCENT
Analysis Method: 8260B **Level:** Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4
FW24B-03-022509	J0900963-001	109	103	98	100
FW24B-04-022509	J0900963-002	107	101	100	100
FW24B-01-022509	J0900963-004	110	103	99	102
FW24B-02-022509	J0900963-005	107	102	100	101
FW99F-022509	J0900963-006	110	105	99	101
FW21B-03-022509	J0900963-007	105	104	98	98
FW21B-04-022509	J0900963-008	106	105	100	101
FW21B-02-022609	J0900963-009	106	103	99	98
FW21B-01-022609	J0900963-010	106	108	95	100
FW11B-1-022509	J0900963-011	106	107	101	93
FW23B-1-022509	J0900963-012	102	101	94	97
FW23B-4-022509	J0900963-013	102	101	95	96
FW23B-3-022509	J0900963-014	107	102	95	98
FW23B-2-022509	J0900963-015	108	100	96	98
FW22B-1-022509	J0900963-016	103	97	96	91
FW22B-4-022509	J0900963-017	106	99	95	97
FW99E-022509	J0900963-018	105	102	98	99
FW22B-2-022509	J0900963-019	102	98	94	98
Trip Blank-022609	J0900963-020	108	104	96	100
Method Blank	JWG0900719-4	110	103	98	101
Method Blank	JWG0900766-4	106	104	102	98
FW23B-4-022509MS	JWG0900719-1	108	105	98	101
FW23B-4-022509DMS	JWG0900719-2	105	101	103	101
Lab Control Sample	JWG0900719-3	104	103	99	100
Lab Control Sample	JWG0900766-3	107	103	96	102

Surrogate Recovery Control Limits (%)

Sur1 =	1,2-Dichloroethane-d4	71-122
Sur2 =	4-Bromofluorobenzene	75-120
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: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/02/2009
Time Analyzed: 13:00

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C02.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0900721-2
Analysis Lot: JWG0900721
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	257,383	11.17	264,649	8.77	720,018	5.40
	Upper Limit ==>	514,766	11.67	529,298	9.27	1,440,036	5.90
	Lower Limit ==>	128,692	10.67	132,325	8.27	360,009	4.90
	ICAL Result ==>	194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900719-3	251,048	11.17	258,021	8.77	706,461	5.39
Method Blank	JWG0900719-4	256,499	11.17	257,991	8.77	720,243	5.40
FW24B-03-022509	J0900963-001	254,961	11.16	256,515	8.77	712,830	5.39
FW24B-04-022509	J0900963-002	265,176	11.17	264,504	8.77	772,609	5.40
FW24B-01-022509	J0900963-004	253,079	11.17	255,285	8.77	716,826	5.39
FW24B-02-022509	J0900963-005	255,956	11.17	265,843	8.77	724,052	5.39
FW99F-022509	J0900963-006	255,312	11.16	264,988	8.77	730,488	5.39
FW21B-03-022509	J0900963-007	257,314	11.16	266,143	8.77	746,297	5.39
FW21B-04-022509	J0900963-008	259,796	11.16	263,154	8.77	739,604	5.39
FW21B-02-022609	J0900963-009	265,013	11.16	263,810	8.77	756,282	5.39
FW21B-01-022609	J0900963-010	259,978	11.16	274,956	8.77	741,014	5.39
FW11B-1-022509	J0900963-011	259,462	11.17	255,756	8.77	742,811	5.39
FW23B-1-022509	J0900963-012	264,765	11.16	267,468	8.77	726,435	5.39
FW23B-4-022509	J0900963-013	264,593	11.16	254,669	8.77	721,886	5.39
FW23B-3-022509	J0900963-014	263,156	11.16	265,418	8.76	714,433	5.39
FW23B-2-022509	J0900963-015	265,520	11.16	258,540	8.77	704,129	5.39
FW22B-1-022509	J0900963-016	270,510	11.16	252,645	8.76	721,762	5.39
FW22B-4-022509	J0900963-017	263,935	11.16	255,134	8.77	709,378	5.39
FW99E-022509	J0900963-018	256,078	11.16	262,946	8.77	726,252	5.39
FW22B-2-022509	J0900963-019	263,054	11.16	258,912	8.76	739,100	5.39
FW23B-4-022509MS	JWG0900719-1	256,420	11.16	265,869	8.76	722,598	5.39
FW23B-4-022509DMS	JWG0900719-2	257,273	11.16	255,883	8.77	725,146	5.39

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/04/2009
		Time Analyzed:	09:08

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID:	\\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C04.B\0	**Lab Code:**	JWG0900767-2
Instrument ID:	MS53.i	**Analysis Lot:**	JWG0900767
Analysis Method:	8260B	**Column :**	DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	259,014	11.15	275,375	8.76	754,190	5.37
	Upper Limit ==>	518,028	11.65	550,750	9.26	1,508,380	5.87
	Lower Limit ==>	129,507	10.65	137,688	8.26	377,095	4.87
	ICAL Result ==>	194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900766-3	253,191	11.15	261,531	8.76	705,107	5.37
Method Blank	JWG0900766-4	257,837	11.15	256,510	8.76	729,208	5.37
Trip Blank-022609	J0900963-020	253,953	11.15	265,719	8.76	727,557	5.38

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009 - 03/03/2009

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

Sample Name:	FW23B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-013	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900719

Analyte Name	Sample Result	FW23B-4-022509MS JWG0900719-1 Matrix Spike			FW23B-4-022509DMS JWG0900719-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	19.4	20.0	97	19.8	20.0	99	78-123	2	30
Toluene	ND	17.8	20.0	89	19.2	20.0	96	86-119	8	30
Ethylbenzene	ND	19.8	20.0	99	19.7	20.0	99	87-122	0	30
m,p-Xylenes	ND	37.2	40.0	93	38.6	40.0	97	82-120	4	30
o-Xylene	ND	19.3	20.0	97	20.7	20.0	104	85-119	7	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.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009

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:	JWG0900719

	Lab Control Sample JWG0900719-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	20.0	20.0	100	79-119
Toluene	18.1	20.0	91	86-117
Ethylbenzene	19.7	20.0	99	90-118
m,p-Xylenes	38.0	40.0	95	86-121
o-Xylene	19.5	20.0	97	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/04/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009

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:	JWG0900766

	Lab Control Sample JWG0900766-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	21.9	20.0	110	79-119
Toluene	18.8	20.0	94	86-117
Ethylbenzene	19.7	20.0	99	90-118
m,p-Xylenes	37.7	40.0	94	86-121
o-Xylene	19.8	20.0	99	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009
		Time Analyzed:	14:51

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539C02.B\0302-06.D
Lab Code:	JWG0900719-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900719

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900719-3	J:\MS53\DATA\MS539C02.B\0302-04.D	03/02/09	13:55
FW24B-03-022509	J0900963-001	J:\MS53\DATA\MS539C02.B\0302-07.D	03/02/09	15:19
FW24B-04-022509	J0900963-002	J:\MS53\DATA\MS539C02.B\0302-08.D	03/02/09	15:47
FW24B-01-022509	J0900963-004	J:\MS53\DATA\MS539C02.B\0302-09.D	03/02/09	16:15
FW24B-02-022509	J0900963-005	J:\MS53\DATA\MS539C02.B\0302-10.D	03/02/09	16:42
FW99F-022509	J0900963-006	J:\MS53\DATA\MS539C02.B\0302-11.D	03/02/09	17:10
FW21B-03-022509	J0900963-007	J:\MS53\DATA\MS539C02.B\0302-12.D	03/02/09	17:38
FW21B-04-022509	J0900963-008	J:\MS53\DATA\MS539C02.B\0302-13.D	03/02/09	18:06
FW21B-02-022609	J0900963-009	J:\MS53\DATA\MS539C02.B\0302-14.D	03/02/09	18:34
FW21B-01-022609	J0900963-010	J:\MS53\DATA\MS539C02.B\0302-15.D	03/02/09	19:02
FW11B-1-022509	J0900963-011	J:\MS53\DATA\MS539C02.B\0302-16.D	03/02/09	19:29
FW23B-1-022509	J0900963-012	J:\MS53\DATA\MS539C02.B\0302-17.D	03/02/09	19:57
FW23B-4-022509	J0900963-013	J:\MS53\DATA\MS539C02.B\0302-18.D	03/02/09	20:25
FW23B-3-022509	J0900963-014	J:\MS53\DATA\MS539C02.B\0302-19.D	03/02/09	20:53
FW23B-2-022509	J0900963-015	J:\MS53\DATA\MS539C02.B\0302-20.D	03/02/09	21:21
FW22B-1-022509	J0900963-016	J:\MS53\DATA\MS539C02.B\0302-21.D	03/02/09	21:48
FW22B-4-022509	J0900963-017	J:\MS53\DATA\MS539C02.B\0302-22.D	03/02/09	22:16
FW99E-022509	J0900963-018	J:\MS53\DATA\MS539C02.B\0302-23.D	03/02/09	22:44
FW22B-2-022509	J0900963-019	J:\MS53\DATA\MS539C02.B\0302-24.D	03/02/09	23:12
FW23B-4-022509MS	JWG0900719-1	J:\MS53\DATA\MS539C02.B\0302-25.D	03/02/09	23:39
FW23B-4-022509DMS	JWG0900719-2	J:\MS53\DATA\MS539C02.B\0302-26.D	03/03/09	00:07

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/04/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009
		Time Analyzed:	12:02

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539C04.B\0304-06.D
Lab Code:	JWG0900766-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900766

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900766-3	J:\MS53\DATA\MS539C04.B\0304-04.D	03/04/09	11:06
Trip Blank-022609	J0900963-020	J:\MS53\DATA\MS539C04.B\0304-07.D	03/04/09	12:30

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009
		Time Analyzed:	13:55

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539C02.B\0302-04.D
Lab Code:	JWG0900719-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900719

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900719-4	J:\MS53\DATA\MS539C02.B\0302-06.D	03/02/09	14:51
FW24B-03-022509	J0900963-001	J:\MS53\DATA\MS539C02.B\0302-07.D	03/02/09	15:19
FW24B-04-022509	J0900963-002	J:\MS53\DATA\MS539C02.B\0302-08.D	03/02/09	15:47
FW24B-01-022509	J0900963-004	J:\MS53\DATA\MS539C02.B\0302-09.D	03/02/09	16:15
FW24B-02-022509	J0900963-005	J:\MS53\DATA\MS539C02.B\0302-10.D	03/02/09	16:42
FW99F-022509	J0900963-006	J:\MS53\DATA\MS539C02.B\0302-11.D	03/02/09	17:10
FW21B-03-022509	J0900963-007	J:\MS53\DATA\MS539C02.B\0302-12.D	03/02/09	17:38
FW21B-04-022509	J0900963-008	J:\MS53\DATA\MS539C02.B\0302-13.D	03/02/09	18:06
FW21B-02-022609	J0900963-009	J:\MS53\DATA\MS539C02.B\0302-14.D	03/02/09	18:34
FW21B-01-022609	J0900963-010	J:\MS53\DATA\MS539C02.B\0302-15.D	03/02/09	19:02
FW11B-1-022509	J0900963-011	J:\MS53\DATA\MS539C02.B\0302-16.D	03/02/09	19:29
FW23B-1-022509	J0900963-012	J:\MS53\DATA\MS539C02.B\0302-17.D	03/02/09	19:57
FW23B-4-022509	J0900963-013	J:\MS53\DATA\MS539C02.B\0302-18.D	03/02/09	20:25
FW23B-3-022509	J0900963-014	J:\MS53\DATA\MS539C02.B\0302-19.D	03/02/09	20:53
FW23B-2-022509	J0900963-015	J:\MS53\DATA\MS539C02.B\0302-20.D	03/02/09	21:21
FW22B-1-022509	J0900963-016	J:\MS53\DATA\MS539C02.B\0302-21.D	03/02/09	21:48
FW22B-4-022509	J0900963-017	J:\MS53\DATA\MS539C02.B\0302-22.D	03/02/09	22:16
FW99E-022509	J0900963-018	J:\MS53\DATA\MS539C02.B\0302-23.D	03/02/09	22:44
FW22B-2-022509	J0900963-019	J:\MS53\DATA\MS539C02.B\0302-24.D	03/02/09	23:12
FW23B-4-022509MS	JWG0900719-1	J:\MS53\DATA\MS539C02.B\0302-25.D	03/02/09	23:39
FW23B-4-022509DMS	JWG0900719-2	J:\MS53\DATA\MS539C02.B\0302-26.D	03/03/09	00:07

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/04/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009
		Time Analyzed:	11:06

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539C04.B\0304-04.D
Lab Code:	JWG0900766-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900766

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900766-4	J:\MS53\DATA\MS539C04.B\0304-06.D	03/04/09	12:02
Trip Blank-022609	J0900963-020	J:\MS53\DATA\MS539C04.B\0304-07.D	03/04/09	12:30

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/02/2009
Time Analyzed: 12:38

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C02.B\0302-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900721

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	15.2	5169	PASS
75	95	30	60	36.4	12401	PASS
95	95	100	100	100.0	34048	PASS
96	95	5	9	6.8	2330	PASS
173	174	0	2	0.5	124	PASS
174	95	50	120	71.0	24160	PASS
175	174	5	9	7.4	1798	PASS
176	174	95	101	97.3	23504	PASS
177	176	5	9	7.2	1688	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900721-2	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	13:00	
Lab Control Sample	JWG0900719-3	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	13:55	
Method Blank	JWG0900719-4	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	14:51	
FW24B-03-022509	J0900963-001	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	15:19	
FW24B-04-022509	J0900963-002	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	15:47	
FW24B-01-022509	J0900963-004	J:\MS53\DATA\MS539C02.B\0302-0	03/02/2009	16:15	
FW24B-02-022509	J0900963-005	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	16:42	
FW99F-022509	J0900963-006	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	17:10	
FW21B-03-022509	J0900963-007	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	17:38	
FW21B-04-022509	J0900963-008	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	18:06	
FW21B-02-022609	J0900963-009	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	18:34	
FW21B-01-022609	J0900963-010	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	19:02	
FW11B-1-022509	J0900963-011	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	19:29	
FW23B-1-022509	J0900963-012	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	19:57	
FW23B-4-022509	J0900963-013	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	20:25	
FW23B-3-022509	J0900963-014	J:\MS53\DATA\MS539C02.B\0302-1	03/02/2009	20:53	
FW23B-2-022509	J0900963-015	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	21:21	
FW22B-1-022509	J0900963-016	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	21:48	
FW22B-4-022509	J0900963-017	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	22:16	
FW99E-022509	J0900963-018	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	22:44	
FW22B-2-022509	J0900963-019	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	23:12	
FW23B-4-022509MS	JWG0900719-1	J:\MS53\DATA\MS539C02.B\0302-2	03/02/2009	23:39	
FW23B-4-022509DMS	JWG0900719-2	J:\MS53\DATA\MS539C02.B\0302-2	03/03/2009	00:07	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/04/2009
Time Analyzed: 08:43

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C04.B\0304-01.D
Iustrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900767

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	15.8	3079	PASS
75	95	30	60	39.8	7775	PASS
95	95	100	100	100.0	19512	PASS
96	95	5	9	5.9	1158	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	80.6	15723	PASS
175	174	5	9	7.6	1194	PASS
176	174	95	101	96.0	15090	PASS
177	176	5	9	7.0	1057	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900767-2	J:\MS53\DATA\MS539C04.B\0304-0	03/04/2009	09:08	
Lab Control Sample	JWG0900766-3	J:\MS53\DATA\MS539C04.B\0304-0	03/04/2009	11:06	
Method Blank	JWG0900766-4	J:\MS53\DATA\MS539C04.B\0304-0	03/04/2009	12:02	
Trip Blank-022609	J0900963-020	J:\MS53\DATA\MS539C04.B\0304-0	03/04/2009	12:30	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752 **Column:** DB-VRX
Instrument ID: MS53.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	E	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
B	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	F	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
C	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	G	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
D	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022	H	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.02	B	2.0	1.04	C	5.0	0.947	D	20	0.979	E	50	0.993
	F	100	0.941	G	150	0.924	H	200	0.959						
‡ Toluene	A	1.0	3.20	B	2.0	3.11	C	5.0	2.82	D	20	2.89	E	50	2.96
	F	100	2.80	G	150	2.67	H	200	2.76						
‡ Ethylbenzene	A	1.0	3.20	B	2.0	3.20	C	5.0	2.98	D	20	3.10	E	50	3.17
	F	100	2.98	G	150	2.85	H	200	2.88						
m,p-Xylenes	A	2.0	1.37	B	4.0	1.35	C	10	1.23	D	40	1.27	E	100	1.31
	F	200	1.19	G	300	1.10	H	400	1.07						
o-Xylene	A	1.0	2.54	B	2.0	2.43	C	5.0	2.30	D	20	2.34	E	50	2.36
	F	100	2.22	G	150	2.12	H	200	2.11						
1,2-Dichloroethane-d4							C	10	0.140	D	20	0.133	E	50	0.148
	F	100	0.145	G	150	0.143	H	200	0.147						
4-Bromofluorobenzene							C	10	0.745	D	20	0.689	E	50	0.859
	F	100	0.806	G	150	0.798	H	200	0.845						
Toluene-d8							C	10	2.19	D	20	1.89	E	50	2.49
	F	100	2.29	G	150	2.18	H	200	2.27						
Dibromofluoromethane							C	10	0.222	D	20	0.199	E	50	0.248
	F	100	0.236	G	150	0.235	H	200	0.235						
† Chlorobenzene	A	1.0	2.17	B	2.0	2.16	C	5.0	1.90	D	20	2.03	E	50	2.02
	F	100	1.89	G	150	1.81	H	200	1.79						
‡ Chloroform	A	1.0	0.363	B	2.0	0.382	C	5.0	0.323	D	20	0.348	E	50	0.362
	F	100	0.354	G	150	0.360	H	200	0.365						
† Chloromethane	A	1.0	0.439	B	2.0	0.408	C	5.0	0.357	D	20	0.353	E	50	0.379
	F	100	0.358	G	150	0.373	H	200	0.366						
‡ Vinyl Chloride	A	1.0	0.292	B	2.0	0.313	C	5.0	0.290	D	20	0.306	E	50	0.336
	F	100	0.312	G	150	0.317	H	200	0.310						
† Bromoform				B	2.0	0.330	C	5.0	0.346	D	20	0.378	E	50	0.376
	F	100	0.383	G	150	0.381	H	200	0.391						

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752
Instrument ID: MS53.i

Column: DB-VRX

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.439	B	2.0	0.459	C	5.0	0.409	D	20	0.436	E	50	0.446
	F	100	0.430	G	150	0.431	H	200	0.437						
‡ 1,1-Dichloroethene	A	1.0	0.260	B	2.0	0.254	C	5.0	0.263	D	20	0.262	E	50	0.283
	F	100	0.263	G	150	0.256	H	200	0.235						
‡ 1,2-Dichloropropane	A	1.0	0.258	B	2.0	0.275	C	5.0	0.251	D	20	0.264	E	50	0.268
	F	100	0.258	G	150	0.256	H	200	0.263						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.640	B	2.0	0.668	C	5.0	0.638	D	20	0.661	E	50	0.624
	F	100	0.634	G	150	0.627	H	200	0.633						

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 02/20/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1752 **Column:** DB-VRX
Instrument ID: MS53.i

Analyte Name	Compound Type	Calibration Evaluation				RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	4.1		≤ 15	0.975		0.01
‡ Toluene	MS	AverageRF	% RSD	6.2		≤ 15	2.90		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	4.6		≤ 15	3.04		0.01
m,p-Xylenes	MS	AverageRF	% RSD	9.0		≤ 15	1.24		0.01
o-Xylene	MS	AverageRF	% RSD	6.4		≤ 15	2.30		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	3.8		≤ 15	0.143		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	8.1		≤ 15	0.790		
Toluene-d8	SURR	AverageRF	% RSD	8.9		≤ 15	2.22		
Dibromofluoromethane	SURR	AverageRF	% RSD	7.4		≤ 15	0.229		
† Chlorobenzene	MS	AverageRF	% RSD	7.5		≤ 15	1.97		0.3
‡ Chloroform	MS	AverageRF	% RSD	4.7		≤ 15	0.357		0.01
† Chloromethane	MS	AverageRF	% RSD	7.9		≤ 15	0.379		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	4.6		≤ 15	0.310		0.01
† Bromoform	MS	AverageRF	% RSD	6.1		≤ 15	0.369		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	3.3		≤ 15	0.436		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	5.1		≤ 15	0.260		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	2.8		≤ 15	0.262		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	2.4		≤ 15	0.641		0.3

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 02/20/2009
Date Analyzed: 02/20/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1752
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\0220-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	51	0.975	1.00	3	NA	± 30 %	AverageRF
‡ Toluene	50	50	2.90	2.93	1	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	51	3.04	3.13	3	NA	± 30 %	AverageRF
m,p-Xylenes	100	100	1.24	1.27	3	NA	± 30 %	AverageRF
o-Xylene	50	51	2.30	2.36	3	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.641	0.633	-1	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	52	0.436	0.452	4	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	54	0.260	0.278	7	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	50	0.262	0.260	0	NA	± 30 %	AverageRF
† Bromoform	50	51	0.369	0.377	2	NA	± 30 %	AverageRF
† Chlorobenzene	50	50	1.97	1.99	1	NA	± 30 %	AverageRF
‡ Chloroform	50	50	0.357	0.358	0	NA	± 30 %	AverageRF
† Chloromethane	50	51	0.379	0.383	1	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	53	0.310	0.327	6	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/02/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 02/20/2009
ICAL ID: CAL1752
Analysis Lot: JWG0900721
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C02.B\0302-02.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	52	0.01	0.975	1.01	3	NA	± 30 %	AverageRF
‡ Toluene	50	47	0.01	2.90	2.73	-6	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	50	0.01	3.04	3.04	0	NA	± 20 %	AverageRF
m,p-Xylenes	100	95	0.01	1.24	1.17	-5	NA	± 30 %	AverageRF
o-Xylene	50	50	0.01	2.30	2.28	-1	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	51		0.143	0.145	1	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	52		0.790	0.815	3	NA	± 30 %	AverageRF
Toluene-d8	50	48		2.22	2.13	-4	NA	± 30 %	AverageRF
Dibromofluoromethane	50	50		0.229	0.230	0	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	45	0.3	0.641	0.574	-10	NA	± 30 %	AverageRF
† Chlorobenzene	50	46	0.3	1.97	1.82	-8	NA	± 30 %	AverageRF
‡ Chloroform	50	55	0.01	0.357	0.391	10	NA	± 20 %	AverageRF
† Chloromethane	50	52	0.1	0.379	0.398	5	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	54	0.01	0.310	0.336	9	NA	± 20 %	AverageRF
† Bromoform	50	41	0.1	0.369	0.302	-18	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	53	0.1	0.436	0.466	7	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	57	0.01	0.260	0.294	13	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	52	0.01	0.262	0.271	3	NA	± 20 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/04/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 02/20/2009
ICAL ID: CAL1752
Analysis Lot: JWG0900767
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C04.B\0304-02.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	51	0.01	0.975	1.00	3	NA	± 30 %	AverageRF
‡ Toluene	50	48	0.01	2.90	2.78	-4	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	50	0.01	3.04	3.01	-1	NA	± 20 %	AverageRF
m,p-Xylenes	100	97	0.01	1.24	1.20	-3	NA	± 30 %	AverageRF
o-Xylene	50	49	0.01	2.30	2.25	-2	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	48		0.143	0.138	-4	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	54		0.790	0.860	9	NA	± 30 %	AverageRF
Toluene-d8	50	48		2.22	2.15	-3	NA	± 30 %	AverageRF
Dibromofluoromethane	50	49		0.229	0.223	-3	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	44	0.3	0.641	0.566	-12	NA	± 30 %	AverageRF
† Chlorobenzene	50	44	0.3	1.97	1.75	-11	NA	± 30 %	AverageRF
‡ Chloroform	50	55	0.01	0.357	0.393	10	NA	± 20 %	AverageRF
† Chloromethane	50	51	0.1	0.379	0.387	2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	54	0.01	0.310	0.336	9	NA	± 20 %	AverageRF
† Bromoform	50	39	0.1	0.369	0.290	-21	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	53	0.1	0.436	0.461	6	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	55	0.01	0.260	0.284	9	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.01	0.262	0.265	1	NA	± 20 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900721
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0302-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900721-1	3/2/2009	12:38		3/2/2009	12:38
\0302-02.D	Continuing Calibration Verification	JWG0900721-2	3/2/2009	13:00		3/2/2009	13:00
\0302-04.D	Lab Control Sample	JWG0900719-3	3/2/2009	13:55		3/2/2009	13:55
\0302-06.D	Method Blank	JWG0900719-4	3/2/2009	14:51		3/2/2009	14:51
\0302-07.D	FW24B-03-022509	J0900963-001	3/2/2009	15:19		3/2/2009	15:19
\0302-08.D	FW24B-04-022509	J0900963-002	3/2/2009	15:47		3/2/2009	15:47
\0302-09.D	FW24B-01-022509	J0900963-004	3/2/2009	16:15		3/2/2009	16:15
\0302-10.D	FW24B-02-022509	J0900963-005	3/2/2009	16:42		3/2/2009	16:42
\0302-11.D	FW99F-022509	J0900963-006	3/2/2009	17:10		3/2/2009	17:10
\0302-12.D	FW21B-03-022509	J0900963-007	3/2/2009	17:38		3/2/2009	17:38
\0302-13.D	FW21B-04-022509	J0900963-008	3/2/2009	18:06		3/2/2009	18:06
\0302-14.D	FW21B-02-022609	J0900963-009	3/2/2009	18:34		3/2/2009	18:34
\0302-15.D	FW21B-01-022609	J0900963-010	3/2/2009	19:02		3/2/2009	19:02
\0302-16.D	FW11B-1-022509	J0900963-011	3/2/2009	19:29		3/2/2009	19:29
\0302-17.D	FW23B-1-022509	J0900963-012	3/2/2009	19:57		3/2/2009	19:57
\0302-18.D	FW23B-4-022509	J0900963-013	3/2/2009	20:25		3/2/2009	20:25
\0302-19.D	FW23B-3-022509	J0900963-014	3/2/2009	20:53		3/2/2009	20:53
\0302-20.D	FW23B-2-022509	J0900963-015	3/2/2009	21:21		3/2/2009	21:21
\0302-21.D	FW22B-1-022509	J0900963-016	3/2/2009	21:48		3/2/2009	21:48
\0302-22.D	FW22B-4-022509	J0900963-017	3/2/2009	22:16		3/2/2009	22:16
\0302-23.D	FW99E-022509	J0900963-018	3/2/2009	22:44		3/2/2009	22:44
\0302-24.D	FW22B-2-022509	J0900963-019	3/2/2009	23:12		3/2/2009	23:12
\0302-25.D	FW23B-4-022509MS	JWG0900719-1	3/2/2009	23:39		3/2/2009	23:39
\0302-26.D	FW23B-4-022509DMS	JWG0900719-2	3/3/2009	00:07		3/3/2009	00:07
\0302-27.D	ZZZZZZ	ZZZZZZ	3/3/2009	00:35		3/3/2009	00:35
\0302-29.D	ZZZZZZ	ZZZZZZ	3/3/2009	01:30		3/3/2009	01:30
\0302-30.D	ZZZZZZ	ZZZZZZ	3/3/2009	01:58		3/3/2009	01:58
\0302-31.D	ZZZZZZ	ZZZZZZ	3/3/2009	02:26		3/3/2009	02:26
\0302-32.D	ZZZZZZ	ZZZZZZ	3/3/2009	02:54		3/3/2009	02:54
\0302-33.D	ZZZZZZ	ZZZZZZ	3/3/2009	03:21		3/3/2009	03:21
\0302-34.D	ZZZZZZ	ZZZZZZ	3/3/2009	03:49		3/3/2009	03:49
\0302-35.D	ZZZZZZ	ZZZZZZ	3/3/2009	04:17		3/3/2009	04:17
\0302-36.D	ZZZZZZ	ZZZZZZ	3/3/2009	04:44		3/3/2009	04:44
\0302-37.D	ZZZZZZ	ZZZZZZ	3/3/2009	05:12		3/3/2009	05:12
\0302-38.D	ZZZZZZ	ZZZZZZ	3/3/2009	05:40		3/3/2009	05:40

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900721
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0302-39.D	ZZZZZZ	ZZZZZZ	3/3/2009	06:07		3/3/2009	06:07
\0302-40.D	ZZZZZZ	ZZZZZZ	3/3/2009	06:35		3/3/2009	06:35
\0302-41.D	ZZZZZZ	ZZZZZZ	3/3/2009	07:03		3/3/2009	07:03
\0302-42.D	ZZZZZZ	ZZZZZZ	3/3/2009	07:31		3/3/2009	07:31
\0302-43.D	ZZZZZZ	ZZZZZZ	3/3/2009	07:58		3/3/2009	07:58
\0302-44.D	ZZZZZZ	ZZZZZZ	3/3/2009	08:26		3/3/2009	08:26
\0302-45.D	ZZZZZZ	ZZZZZZ	3/3/2009	08:53		3/3/2009	08:53
\0302-46.D	ZZZZZZ	ZZZZZZ	3/3/2009	09:21		3/3/2009	09:21
\0302-47.D	ZZZZZZ	ZZZZZZ	3/3/2009	10:01		3/3/2009	10:01

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900767
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0304-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900767-1	3/4/2009	08:43		3/4/2009	08:43
\0304-02.D	Continuing Calibration Verification	JWG0900767-2	3/4/2009	09:08		3/4/2009	09:08
\0304-04.D	Lab Control Sample	JWG0900766-3	3/4/2009	11:06		3/4/2009	11:06
\0304-06.D	Method Blank	JWG0900766-4	3/4/2009	12:02		3/4/2009	12:02
\0304-07.D	Trip Blank-022609	J0900963-020	3/4/2009	12:30		3/4/2009	12:30
\0304-08.D	ZZZZZZ	ZZZZZZ	3/4/2009	12:58		3/4/2009	12:58
\0304-09.D	ZZZZZZ	ZZZZZZ	3/4/2009	13:25		3/4/2009	13:25
\0304-10.D	ZZZZZZ	ZZZZZZ	3/4/2009	13:53		3/4/2009	13:53
\0304-11.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:21		3/4/2009	14:21
\0304-12.D	ZZZZZZ	ZZZZZZ	3/4/2009	14:49		3/4/2009	14:49
\0304-13.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:17		3/4/2009	15:17
\0304-14.D	ZZZZZZ	ZZZZZZ	3/4/2009	15:45		3/4/2009	15:45
\0304-15.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:13		3/4/2009	16:13
\0304-16.D	ZZZZZZ	ZZZZZZ	3/4/2009	16:41		3/4/2009	16:41
\0304-17.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:09		3/4/2009	17:09
\0304-18.D	ZZZZZZ	ZZZZZZ	3/4/2009	17:37		3/4/2009	17:37

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 03/02/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900719
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW24B-03-022509	J0900963-001	02/25/09	02/26/09	10ml	10ml	NA	
FW24B-04-022509	J0900963-002	02/25/09	02/26/09	10ml	10ml	NA	
FW24B-01-022509	J0900963-004	02/25/09	02/26/09	10ml	10ml	NA	
FW24B-02-022509	J0900963-005	02/25/09	02/26/09	10ml	10ml	NA	
FW99F-022509	J0900963-006	02/25/09	02/26/09	10ml	10ml	NA	
FW21B-03-022509	J0900963-007	02/25/09	02/26/09	10ml	10ml	NA	
FW21B-04-022509	J0900963-008	02/25/09	02/26/09	10ml	10ml	NA	
FW21B-02-022609	J0900963-009	02/25/09	02/26/09	10ml	10ml	NA	
FW21B-01-022609	J0900963-010	02/25/09	02/26/09	10ml	10ml	NA	
FW11B-1-022509	J0900963-011	02/25/09	02/26/09	10ml	10ml	NA	
FW23B-1-022509	J0900963-012	02/25/09	02/26/09	10ml	10ml	NA	
FW23B-4-022509	J0900963-013	02/25/09	02/26/09	10ml	10ml	NA	
FW23B-3-022509	J0900963-014	02/25/09	02/26/09	10ml	10ml	NA	
FW23B-2-022509	J0900963-015	02/25/09	02/26/09	10ml	10ml	NA	
FW22B-1-022509	J0900963-016	02/25/09	02/26/09	10ml	10ml	NA	
FW22B-4-022509	J0900963-017	02/25/09	02/26/09	10ml	10ml	NA	
FW99E-022509	J0900963-018	02/25/09	02/26/09	10ml	10ml	NA	
FW22B-2-022509	J0900963-019	02/25/09	02/26/09	10ml	10ml	NA	
Method Blank	JWG0900719-4	NA	NA	10ml	10ml	NA	
FW23B-4-022509MS	JWG0900719-1	02/25/09	02/26/09	10ml	10ml	NA	
FW23B-4-022509DMS	JWG0900719-2	02/25/09	02/26/09	10ml	10ml	NA	
Lab Control Sample	JWG0900719-3	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 03/04/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900766
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
Trip Blank-022609	J0900963-020	02/25/09	02/26/09	10ml	10ml	NA	
Method Blank	JWG0900766-4	NA	NA	10ml	10ml	NA	
Lab Control Sample	JWG0900766-3	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW24B-03-022509	J0900963-001	02/25/2009	02/26/2009
FW24B-04-022509	J0900963-002	02/25/2009	02/26/2009
FW24B-01-022509	J0900963-004	02/25/2009	02/26/2009
FW24B-02-022509	J0900963-005	02/25/2009	02/26/2009
FW99F-022509	J0900963-006	02/25/2009	02/26/2009
FW21B-03-022509	J0900963-007	02/25/2009	02/26/2009
FW21B-04-022509	J0900963-008	02/25/2009	02/26/2009
FW21B-02-022609	J0900963-009	02/25/2009	02/26/2009
FW21B-01-022609	J0900963-010	02/25/2009	02/26/2009
FW11B-1-022509	J0900963-011	02/25/2009	02/26/2009
FW23B-1-022509	J0900963-012	02/25/2009	02/26/2009
FW23B-4-022509	J0900963-013	02/25/2009	02/26/2009
FW23B-3-022509	J0900963-014	02/25/2009	02/26/2009
FW23B-2-022509	J0900963-015	02/25/2009	02/26/2009
FW22B-1-022509	J0900963-016	02/25/2009	02/26/2009
FW22B-4-022509	J0900963-017	02/25/2009	02/26/2009
FW99E-022509	J0900963-018	02/25/2009	02/26/2009
FW22B-2-022509	J0900963-019	02/25/2009	02/26/2009
FW23B-4-022509MS	JWG0900746-1	02/25/2009	02/26/2009
FW23B-4-022509DMS	JWG0900746-2	02/25/2009	02/26/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: William J Mak
Name: William J Mak
Date: 3/17/9
Title: Scientist III

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24B-03-022509
Lab Code: J0900963-001

Extraction Method: EPA 3510C
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	6.2	0.52	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.2	0.80	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.2	0.96	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.2	0.98	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.2	0.98	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.2	0.92	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.2	0.72	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	6.2	1.3	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.2	0.98	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	25	0.83	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.2	0.87	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.2	0.88	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.2	0.92	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.2	0.82	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.2	0.67	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.2	0.78	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.2	0.68	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.2	0.77	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.2	1.2	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-03-022509	**Units:**	ug/L
Lab Code:	J0900963-001	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	37	10-77	03/15/09	Acceptable
Phenol-d6	19	10-51	03/15/09	Acceptable
Nitrobenzene-d5	76	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	73	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	102	30-143	03/15/09	Acceptable
Terphenyl-d14	94	23-165	03/15/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24B-04-022509
Lab Code: J0900963-002

Extraction Method: EPA 3510C
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	0.44	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.3	0.67	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.3	0.81	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.3	0.83	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.3	0.83	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.3	0.61	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	5.3	0.83	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	5.3	0.92	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	21	0.70	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.3	0.73	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.3	0.74	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.3	0.69	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.3	0.88	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.3	0.90	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.3	0.91	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.3	0.91	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.3	0.66	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	02/27/09	03/15/09	JWG0900746	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24B-04-022509
Lab Code: J0900963-002

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/15/09	Acceptable
Phenol-d6	17	10-51	03/15/09	Acceptable
Nitrobenzene-d5	72	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	90	30-143	03/15/09	Acceptable
Terphenyl-d14	84	23-165	03/15/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW24B-01-022509
Lab Code: J0900963-004

Extraction Method: EPA 3510C
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	6.3	0.53	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.3	0.80	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.3	0.97	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.3	0.73	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	6.3	1.3	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	25	0.84	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.3	0.88	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.3	0.89	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.3	0.93	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.3	0.83	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-01-022509	**Units:**	ug/L
Lab Code:	J0900963-004	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	03/15/09	Acceptable
Phenol-d6	17	10-51	03/15/09	Acceptable
Nitrobenzene-d5	63	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	90	30-143	03/15/09	Acceptable
Terphenyl-d14	83	23-165	03/15/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-02-022509	**Units:**	ug/L
Lab Code:	J0900963-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.0	0.50	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.0	0.77	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.0	0.92	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.0	0.70	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	3.0	J	6.0	1.2	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	24	0.80	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.0	0.84	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.0	0.85	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.0	0.89	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.0	0.79	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.0	1.0	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW24B-02-022509	**Units:**	ug/L
Lab Code:	J0900963-005	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	38	10-77	03/15/09	Acceptable
Phenol-d6	18	10-51	03/15/09	Acceptable
Nitrobenzene-d5	74	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	74	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	105	30-143	03/15/09	Acceptable
Terphenyl-d14	91	23-165	03/15/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99F-022509
Lab Code: J0900963-006

Extraction Method: EPA 3510C
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	5.9	0.49	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**2.9**	J	5.9	1.2	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99F-022509	**Units:**	ug/L
Lab Code:	J0900963-006	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	35	10-77	03/15/09	Acceptable
Phenol-d6	17	10-51	03/15/09	Acceptable
Nitrobenzene-d5	70	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	97	30-143	03/15/09	Acceptable
Terphenyl-d14	90	23-165	03/15/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW21B-03-022509
Lab Code: J0900963-007

Extraction Method: EPA 3510C
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	5.2	0.44	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.2	0.66	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.2	0.80	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.2	0.82	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.2	0.77	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.2	0.60	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**2.7**	A J	5.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	**0.92**	A J	5.2	0.82	1	02/27/09	03/15/09	JWG0900746	
Fluorene	**0.98**	A J	5.2	0.91	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	21	0.70	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.2	0.73	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.2	0.74	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.2	0.77	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.2	0.69	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.2	0.87	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.2	0.90	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.2	0.90	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-03-022509	**Units:**	ug/L
Lab Code:	J0900963-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/15/09	Acceptable
Phenol-d6	14	10-51	03/15/09	Acceptable
Nitrobenzene-d5	62	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	101	30-143	03/15/09	Acceptable
Terphenyl-d14	76	23-165	03/15/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-04-022509	**Units:**	ug/L
Lab Code:	J0900963-008	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.3	0.80	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.3	0.97	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.3	0.93	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.3	0.73	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**2.2**	J	6.3	1.3	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.3	0.99	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	25	0.84	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.3	0.88	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.3	0.89	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.3	0.93	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.3	0.83	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.3	0.79	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	02/27/09	03/15/09	JWG0900746	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW21B-04-022509
Lab Code: J0900963-008

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	35	10-77	03/15/09	Acceptable
Phenol-d6	19	10-51	03/15/09	Acceptable
Nitrobenzene-d5	65	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	95	30-143	03/15/09	Acceptable
Terphenyl-d14	77	23-165	03/15/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW21B-02-022609
Lab Code: J0900963-009

Extraction Method: EPA 3510C
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	5.9	0.49	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	**9.6**		5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	**1.7**	X J	5.9	0.87	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**7.7**		5.9	1.2	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	**2.8**	X J	5.9	0.92	1	02/27/09	03/15/09	JWG0900746	
Fluorene	**3.1**	X J	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW21B-02-022609
Lab Code: J0900963-009

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/15/09	Acceptable
Phenol-d6	15	10-51	03/15/09	Acceptable
Nitrobenzene-d5	64	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	101	30-143	03/15/09	Acceptable
Terphenyl-d14	78	23-165	03/15/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-01-022609	**Units:**	ug/L
Lab Code:	J0900963-010	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	02/27/09	03/15/09	JWG0900746	
2-Methylpheuol	ND	U	5.2	0.66	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.2	0.80	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	**130**		52	8.2	10	02/27/09	03/16/09	JWG0900746	
2-Methylnaphthalene	**8.0**		5.2	0.77	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.2	0.60	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**9.8**		5.2	1.1	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	**5.2**	J	5.2	0.82	1	02/27/09	03/15/09	JWG0900746	
Fluorene	**5.2**		5.2	0.91	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	21	0.70	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	**2.3**	J	5.2	0.73	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.2	0.74	1	02/27/09	03/15/09	JWG0900746	
Carbazole	**1.6**	J	5.2	0.77	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.2	0.69	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.2	0.87	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.2	0.90	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.2	0.90	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW21B-01-022609	**Units:**	ug/L
Lab Code:	J0900963-010	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/15/09	Acceptable
Phenol-d6	15	10-51	03/15/09	Acceptable
Nitrobenzene-d5	68	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	74	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	107	30-143	03/15/09	Acceptable
Terphenyl-d14	78	23-165	03/15/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-011	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.50	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.9	0.76	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.9	0.91	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.9	0.93	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.9	0.93	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.9	0.88	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.9	0.69	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**3.3**	J J	5.9	1.2	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	5.9	0.93	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	24	0.79	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.9	0.83	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.9	0.84	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.9	0.88	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.9	0.78	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.9	0.99	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.9	0.64	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.9	0.75	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.65	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-011	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/15/09	Acceptable
Phenol-d6	16	10-51	03/15/09	Acceptable
Nitrobenzene-d5	69	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	91	30-143	03/15/09	Acceptable
Terphenyl-d14	81	23-165	03/15/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-012	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.1	0.52	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.1	0.79	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.1	0.94	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.1	0.97	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.1	0.97	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.1	0.91	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.1	0.71	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	6.1	1.3	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.1	0.97	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.1	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	25	0.82	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.1	0.86	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.1	0.87	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.1	0.91	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.1	0.81	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.1	1.1	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.1	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.1	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.1	0.77	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.68	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.1	0.76	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.1	1.2	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW23B-1-022509
Lab Code: J0900963-012

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/15/09	Acceptable
Phenol-d6	15	10-51	03/15/09	Acceptable
Nitrobenzene-d5	63	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/15/09	Acceptable
Terphenyl-d14	81	23-165	03/15/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-013	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.45	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.3	0.68	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.3	0.82	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.3	0.84	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.3	0.62	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	5.3	0.84	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	5.3	0.93	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	22	0.71	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.3	0.74	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.3	0.75	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.3	0.70	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.3	0.89	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.3	0.91	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.3	0.92	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.3	0.92	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.3	0.67	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-013	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/15/09	Acceptable
Phenol-d6	13	10-51	03/15/09	Acceptable
Nitrobenzene-d5	56	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	74	30-143	03/15/09	Acceptable
Terphenyl-d14	66	23-165	03/15/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-3-022509	**Units:**	ug/L
Lab Code:	J0900963-014	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.46	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	5.4	0.69	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	5.4	0.83	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	5.4	0.85	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.4	0.80	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	5.4	0.63	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	5.4	1.1	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	5.4	0.85	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	5.4	0.95	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	22	0.73	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	5.4	0.76	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	5.4	0.77	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	5.4	0.80	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	5.4	0.71	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	5.4	0.91	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	5.4	0.93	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	5.4	0.94	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.4	0.94	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.4	0.68	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.4	0.67	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW23B-3-022509
Lab Code: J0900963-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/15/09	Acceptable
Phenol-d6	15	10-51	03/15/09	Acceptable
Nitrobenzene-d5	73	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	95	30-143	03/15/09	Acceptable
Terphenyl-d14	73	23-165	03/15/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23B-2-022509	**Units:**	ug/L
Lab Code:	J0900963-015	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.5	0.54	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.5	0.83	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.5	0.99	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.5	1.1	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.5	1.1	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.5	0.95	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.5	0.75	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	ND	U	6.5	1.3	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.5	1.1	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.5	1.2	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	26	0.86	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.5	0.90	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.5	0.92	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.5	0.95	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.5	0.85	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.5	1.1	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.5	1.2	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.5	1.2	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.5	0.70	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.5	0.81	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.71	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.5	0.80	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW23B-2-022509
Lab Code: J0900963-015

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/15/09	Acceptable
Phenol-d6	15	10-51	03/15/09	Acceptable
Nitrobenzene-d5	59	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	60	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/15/09	Acceptable
Terphenyl-d14	71	23-165	03/15/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-016	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.0	0.50	1	02/27/09	03/15/09	JWG0900746	
2-Methylphenol	ND	U	6.0	0.77	1	02/27/09	03/15/09	JWG0900746	
4-Methylphenol†	ND	U	6.0	0.92	1	02/27/09	03/15/09	JWG0900746	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
Naphthalene	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/27/09	03/15/09	JWG0900746	
Acenaphthylene	ND	U	6.0	0.70	1	02/27/09	03/15/09	JWG0900746	
Acenaphthene	**6.1**		6.0	1.2	1	02/27/09	03/15/09	JWG0900746	
Dibenzofuran	ND	U	6.0	0.95	1	02/27/09	03/15/09	JWG0900746	
Fluorene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Pentachlorophenol	ND	U	24	0.80	1	02/27/09	03/15/09	JWG0900746	
Phenanthrene	ND	U	6.0	0.84	1	02/27/09	03/15/09	JWG0900746	
Anthracene	ND	U	6.0	0.85	1	02/27/09	03/15/09	JWG0900746	
Carbazole	ND	U	6.0	0.89	1	02/27/09	03/15/09	JWG0900746	
Fluoranthene	ND	U	6.0	0.79	1	02/27/09	03/15/09	JWG0900746	
Pyrene	ND	U	6.0	1.0	1	02/27/09	03/15/09	JWG0900746	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Chrysene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/27/09	03/15/09	JWG0900746	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/27/09	03/15/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/27/09	03/15/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/27/09	03/15/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/27/09	03/15/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-1-022509	**Units:**	ug/L
Lab Code:	J0900963-016	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/15/09	Acceptable
Phenol-d6	16	10-51	03/15/09	Acceptable
Nitrobenzene-d5	66	32-106	03/15/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/15/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/15/09	Acceptable
Terphenyl-d14	74	23-165	03/15/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-017	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.48	1	02/27/09	03/16/09	JWG0900746	
2-Methylphenol	ND	U	5.7	0.72	1	02/27/09	03/16/09	JWG0900746	
4-Methylphenol†	ND	U	5.7	0.87	1	02/27/09	03/16/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
Naphthalene	**1.3**	J	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.7	0.84	1	02/27/09	03/16/09	JWG0900746	
Acenaphthylene	ND	U	5.7	0.66	1	02/27/09	03/16/09	JWG0900746	
Acenaphthene	**23**		5.7	1.2	1	02/27/09	03/16/09	JWG0900746	
Dibenzofuran	ND	U	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
Fluorene	ND	U	5.7	0.99	1	02/27/09	03/16/09	JWG0900746	
Pentachlorophenol	ND	U	23	0.76	1	02/27/09	03/16/09	JWG0900746	
Phenanthrene	ND	U	5.7	0.79	1	02/27/09	03/16/09	JWG0900746	
Anthracene	ND	U	5.7	0.80	1	02/27/09	03/16/09	JWG0900746	
Carbazole	ND	U	5.7	0.84	1	02/27/09	03/16/09	JWG0900746	
Fluoranthene	ND	U	5.7	0.75	1	02/27/09	03/16/09	JWG0900746	
Pyrene	ND	U	5.7	0.95	1	02/27/09	03/16/09	JWG0900746	
Benz(a)anthracene	ND	U	5.7	0.97	1	02/27/09	03/16/09	JWG0900746	
Chrysene	ND	U	5.7	0.98	1	02/27/09	03/16/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.7	0.98	1	02/27/09	03/16/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.7	0.61	1	02/27/09	03/16/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.7	0.71	1	02/27/09	03/16/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.62	1	02/27/09	03/16/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.7	0.70	1	02/27/09	03/16/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/27/09	03/16/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-4-022509	**Units:**	ug/L
Lab Code:	J0900963-017	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/16/09	Acceptable
Phenol-d6	16	10-51	03/16/09	Acceptable
Nitrobenzene-d5	68	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	68	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	90	30-143	03/16/09	Acceptable
Terphenyl-d14	94	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99E-022509	**Units:**	ug/L
Lab Code:	J0900963-018	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.48	1	02/27/09	03/16/09	JWG0900746	
2-Methylphenol	ND	U	5.7	0.72	1	02/27/09	03/16/09	JWG0900746	
4-Methylphenol†	ND	U	5.7	0.87	1	02/27/09	03/16/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
Naphthalene	ND	U	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.7	0.84	1	02/27/09	03/16/09	JWG0900746	
Acenaphthylene	ND	U	5.7	0.66	1	02/27/09	03/16/09	JWG0900746	
Acenaphthene	ND	U	5.7	1.2	1	02/27/09	03/16/09	JWG0900746	
Dibenzofurau	ND	U	5.7	0.89	1	02/27/09	03/16/09	JWG0900746	
Fluorene	ND	U	5.7	0.99	1	02/27/09	03/16/09	JWG0900746	
Pentachlorophenol	ND	U	23	0.76	1	02/27/09	03/16/09	JWG0900746	
Phenanthrene	ND	U	5.7	0.79	1	02/27/09	03/16/09	JWG0900746	
Anthraceue	ND	U	5.7	0.80	1	02/27/09	03/16/09	JWG0900746	
Carbazole	ND	U	5.7	0.84	1	02/27/09	03/16/09	JWG0900746	
Fluoranthene	ND	U	5.7	0.75	1	02/27/09	03/16/09	JWG0900746	
Pyrene	ND	U	5.7	0.95	1	02/27/09	03/16/09	JWG0900746	
Benz(a)anthracene	ND	U	5.7	0.97	1	02/27/09	03/16/09	JWG0900746	
Chrysene	ND	U	5.7	0.98	1	02/27/09	03/16/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.7	0.98	1	02/27/09	03/16/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.7	0.61	1	02/27/09	03/16/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.7	0.71	1	02/27/09	03/16/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.62	1	02/27/09	03/16/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.7	0.70	1	02/27/09	03/16/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/27/09	03/16/09	JWG0900746	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99E-022509	**Units:**	ug/L
Lab Code:	J0900963-018	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	35	10-77	03/16/09	Acceptable
Phenol-d6	17	10-51	03/16/09	Acceptable
Nitrobenzene-d5	75	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	75	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	95	30-143	03/16/09	Acceptable
Terphenyl-d14	98	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-2-022509	**Units:**	ug/L
Lab Code:	J0900963-019	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	02/27/09	03/16/09	JWG0900746	
2-Methylphenol	ND	U	5.6	0.72	1	02/27/09	03/16/09	JWG0900746	
4-Methylphenol†	ND	U	5.6	0.86	1	02/27/09	03/16/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/27/09	03/16/09	JWG0900746	
Naphthalene	6.6		5.6	0.88	1	02/27/09	03/16/09	JWG0900746	
2-Methylnaphthalene	1.4	J	5.6	0.83	1	02/27/09	03/16/09	JWG0900746	
Acenaphthylene	ND	U	5.6	0.65	1	02/27/09	03/16/09	JWG0900746	
Acenaphthene	20		5.6	1.1	1	02/27/09	03/16/09	JWG0900746	
Dibenzofuran	ND	U	5.6	0.88	1	02/27/09	03/16/09	JWG0900746	
Fluorene	1.5	J	5.6	0.98	1	02/27/09	03/16/09	JWG0900746	
Pentachlorophenol	ND	U	23	0.75	1	02/27/09	03/16/09	JWG0900746	
Phenanthrene	ND	U	5.6	0.78	1	02/27/09	03/16/09	JWG0900746	
Anthracene	ND	U	5.6	0.79	1	02/27/09	03/16/09	JWG0900746	
Carbazole	ND	U	5.6	0.83	1	02/27/09	03/16/09	JWG0900746	
Fluoranthene	ND	U	5.6	0.74	1	02/27/09	03/16/09	JWG0900746	
Pyrene	ND	U	5.6	0.94	1	02/27/09	03/16/09	JWG0900746	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/27/09	03/16/09	JWG0900746	
Chrysene	ND	U	5.6	0.97	1	02/27/09	03/16/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	02/27/09	03/16/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/27/09	03/16/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/27/09	03/16/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/27/09	03/16/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/27/09	03/16/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/27/09	03/16/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW22B-2-022509
Lab Code: J0900963-019

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/16/09	Acceptable
Phenol-d6	14	10-51	03/16/09	Acceptable
Nitrobenzene-d5	65	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/16/09	Acceptable
2,4,6-Trihromophenol	84	30-143	03/16/09	Acceptable
Terphenyl-d14	74	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900746-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.42	1	02/27/09	03/05/09	JWG0900746	
2-Methylphenol	ND	U	5.0	0.64	1	02/27/09	03/05/09	JWG0900746	
4-Methylphenol†	ND	U	5.0	0.77	1	02/27/09	03/05/09	JWG0900746	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900746	
Naphthalene	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900746	
2-Methylnaphthalene	ND	U	5.0	0.74	1	02/27/09	03/05/09	JWG0900746	
Acenaphthylene	ND	U	5.0	0.58	1	02/27/09	03/05/09	JWG0900746	
Acenaphthene	ND	U	5.0	0.99	1	02/27/09	03/05/09	JWG0900746	
Dibenzofuran	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900746	
Fluorene	ND	U	5.0	0.88	1	02/27/09	03/05/09	JWG0900746	
Pentachlorophenol	ND	U	20	0.67	1	02/27/09	03/05/09	JWG0900746	
Phenanthrene	ND	U	5.0	0.70	1	02/27/09	03/05/09	JWG0900746	
Anthracene	ND	U	5.0	0.71	1	02/27/09	03/05/09	JWG0900746	
Carbazole	ND	U	5.0	0.74	1	02/27/09	03/05/09	JWG0900746	
Fluoranthene	ND	U	5.0	0.66	1	02/27/09	03/05/09	JWG0900746	
Pyrene	ND	U	5.0	0.84	1	02/27/09	03/05/09	JWG0900746	
Benz(a)anthracene	ND	U	5.0	0.86	1	02/27/09	03/05/09	JWG0900746	
Chrysene	ND	U	5.0	0.87	1	02/27/09	03/05/09	JWG0900746	
Benzo(b)fluoranthene	ND	U	5.0	0.87	1	02/27/09	03/05/09	JWG0900746	
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	02/27/09	03/05/09	JWG0900746	
Benzo(a)pyrene	ND	U	5.0	0.63	1	02/27/09	03/05/09	JWG0900746	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	02/27/09	03/05/09	JWG0900746	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	02/27/09	03/05/09	JWG0900746	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	02/27/09	03/05/09	JWG0900746	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900746-4

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	35	10-77	03/05/09	Acceptable
Phenol-d6	17	10-51	03/05/09	Acceptable
Nitrobenzene-d5	69	32-106	03/05/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/05/09	Acceptable
2,4,6-Tribromophenol	91	30-143	03/05/09	Acceptable
Terphenyl-d14	95	23-165	03/05/09	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FW24B-03-022509	J0900963-001	37	19	76	73	102	94
FW24B-04-022509	J0900963-002	33	17	72	66	90	84
FW24B-01-022509	J0900963-004	34	17	63	65	90	83
FW24B-02-022509	J0900963-005	38	18	74	74	105	91
FW99F-022509	J0900963-006	35	17	70	69	97	90
FW21B-03-022509	J0900963-007	28	14	62	64	101	76
FW21B-04-022509	J0900963-008	35	19	65	66	95	77
FW21B-02-022609	J0900963-009	29	15	64	65	101	78
FW21B-01-022609	J0900963-010	31	15	68	74	107	78
FW11B-1-022509	J0900963-011	33	16	69	71	91	81
FW23B-1-022509	J0900963-012	30	15	63	66	87	81
FW23B-4-022509	J0900963-013	26	13	56	56	74	66
FW23B-3-022509	J0900963-014	31	15	73	71	95	73
FW23B-2-022509	J0900963-015	31	15	59	60	87	71
FW22B-1-022509	J0900963-016	32	16	66	66	86	74
FW22B-4-022509	J0900963-017	33	16	68	68	90	94
FW99E-022509	J0900963-018	35	17	75	75	95	98
FW22B-2-022509	J0900963-019	29	14	65	65	84	74
Method Blank	JWG0900746-4	35	17	69	71	91	95
FW23B-4-022509MS	JWG0900746-1	41	22	80	80	109	83
FW23B-4-022509DMS	JWG0900746-2	36	20	69	70	97	79
Lab Control Sample	JWG0900746-3	33	17	64	72	89	86

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-143
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/05/2009
Time Analyzed: 11:00

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900772-2
Analysis Lot: JWG0900772
Column: HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	1,131,966	4.85	3,780,325	5.97	2,387,573	8.17
	Upper Limit ==>	2,263,932	5.35	7,560,650	6.47	4,775,146	8.67
	Lower Limit ==>	565,983	4.35	1,890,163	5.47	1,193,787	7.67
	ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses							
Method Blank	JWG0900746-4	969,995	4.84	3,478,732	5.95	2,406,814	8.16
Lab Control Sample	JWG0900746-3	1,061,544	4.85	3,711,603	5.97	2,397,995	8.17

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/05/2009
Time Analyzed: 11:00

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900772-2
Analysis Lot: JWG0900772
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,230,555	10.37	2,559,249	14.60	1,983,632	16.74
	Upper Limit ==>	6,461,110	10.87	5,118,498	15.10	3,967,264	17.24
	Lower Limit ==>	1,615,278	9.87	1,279,625	14.10	991,816	16.24
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
Method Blank	JWG0900746-4	3,741,146	10.36	2,842,434	14.59	2,236,593	16.72
Lab Control Sample	JWG0900746-3	3,489,147	10.37	3,015,663	14.60	2,372,398	16.74

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/15/2009
Time Analyzed: 11:33

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C15\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900886-2
Analysis Lot: JWG0900886
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,242,128	7.59	4,061,000	9.48	2,557,675	12.91
	Upper Limit ==>	2,484,256	8.09	8,122,000	9.98	5,115,350	13.41
	Lower Limit ==>	621,064	7.09	2,030,500	8.98	1,278,838	12.41
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW24B-03-022509	J0900963-001	1,092,048	7.59	3,863,383	9.48	2,634,839	12.91
FW24B-04-022509	J0900963-002	1,130,919	7.59	3,814,745	9.48	2,632,203	12.91
FW24B-01-022509	J0900963-004	1,079,681	7.59	3,752,148	9.48	2,480,251	12.91
FW24B-02-022509	J0900963-005	1,125,847	7.59	3,941,121	9.48	2,640,633	12.91
FW99F-022509	J0900963-006	1,072,212	7.59	3,804,416	9.49	2,559,438	12.91
FW21B-03-022509	J0900963-007	1,004,393	7.59	3,495,498	9.49	2,360,402	12.91
FW21B-04-022509	J0900963-008	908,697	7.59	3,163,360	9.48	2,107,631	12.91
FW21B-02-022609	J0900963-009	948,984	7.59	3,221,453	9.48	2,130,497	12.91
FW21B-01-022609	J0900963-010	982,841	7.59	3,432,206	9.48	2,205,457	12.90
FW11B-1-022509	J0900963-011	1,144,898	7.59	3,953,223	9.48	2,594,465	12.91
FW23B-1-022509	J0900963-012	1,414,116	7.58	4,797,133	9.47	3,019,315	12.91
FW23B-4-022509	J0900963-013	1,043,186	7.58	3,603,292	9.47	2,411,613	12.90
FW23B-4-022509MS	JWG0900746-1	1,072,894	7.58	3,565,368	9.47	2,322,150	12.90
FW23B-4-022509DMS	JWG0900746-2	1,057,636	7.58	3,580,468	9.47	2,305,763	12.91
FW23B-3-022509	J0900963-014	1,098,523	7.57	3,660,359	9.47	2,478,822	12.89
FW23B-2-022509	J0900963-015	1,042,780	7.58	3,588,426	9.47	2,372,181	12.90
FW22B-1-022509	J0900963-016	898,587	7.57	3,065,998	9.47	2,087,327	12.89

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/15/2009
Time Analyzed: 11:33

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C15\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900886-2
Analysis Lot: JWG0900886
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,657,574	16.20	3,014,735	21.84	3,006,550	24.14
	Upper Limit ==>	7,315,148	16.70	6,029,470	22.34	6,013,100	24.64
	Lower Limit ==>	1,828,787	15.70	1,507,368	21.34	1,503,275	23.64
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW24B-03-022509	J0900963-001	4,182,958	16.20	3,028,375	21.84	3,038,255	24.14
FW24B-04-022509	J0900963-002	4,115,617	16.20	2,985,033	21.84	2,879,470	24.14
FW24B-01-022509	J0900963-004	3,959,825	16.20	2,912,495	21.84	2,852,186	24.14
FW24B-02-022509	J0900963-005	4,155,401	16.20	3,139,242	21.84	2,947,875	24.14
FW99F-022509	J0900963-006	4,087,584	16.19	3,090,344	21.84	3,060,579	24.14
FW21B-03-022509	J0900963-007	3,411,498	16.20	2,780,757	21.84	2,452,481	24.14
FW21B-04-022509	J0900963-008	3,088,196	16.20	2,439,255	21.84	2,227,384	24.14
FW21B-02-022609	J0900963-009	3,039,466	16.20	2,542,206	21.85	2,387,934	24.15
FW21B-01-022609	J0900963-010	3,208,503	16.20	2,671,206	21.84	2,583,864	24.15
FW11B-1-022509	J0900963-011	4,144,682	16.19	3,105,144	21.84	2,833,029	24.14
FW23B-1-022509	J0900963-012	4,857,002	16.19	3,579,254	21.84	3,489,839	24.14
FW23B-4-022509	J0900963-013	3,827,938	16.19	2,831,672	21.83	2,677,199	24.13
FW23B-4-022509MS	JWG0900746-1	3,320,914	16.19	2,808,143	21.84	2,659,069	24.14
FW23B-4-022509DMS	JWG0900746-2	3,195,870	16.19	2,840,008	21.84	2,673,973	24.14
FW23B-3-022509	J0900963-014	3,921,369	16.19	3,019,562	21.83	2,954,556	24.14
FW23B-2-022509	J0900963-015	3,711,646	16.19	2,973,820	21.83	3,017,913	24.13
FW22B-1-022509	J0900963-016	3,353,111	16.18	2,613,745	21.83	2,697,417	24.14

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/16/2009
Time Analyzed: 10:19

Internal Staudard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900912-2
Analysis Lot: JWG0900912
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,128,392	7.59	3,673,350	9.48	2,432,979	12.91
	Upper Limit ==>	2,256,784	8.09	7,346,700	9.98	4,865,958	13.41
	Lower Limit ==>	564,196	7.09	1,836,675	8.98	1,216,490	12.41
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW22B-4-022509	J0900963-017	924,581	7.59	3,199,726	9.49	2,214,371	12.90
FW99E-022509	J0900963-018	789,543	7.58	2,732,682	9.48	1,897,597	12.90
FW22B-2-022509	J0900963-019	979,060	7.59	3,408,462	9.48	2,346,137	12.91
FW21B-01-022609DL	J0900963-010	1,028,522	7.59	3,326,637	9.48	2,207,978	12.91

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/16/2009
Time Analyzed: 10:19

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900912-2
Analysis Lot: JWG0900912
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,958,612	16.19	3,108,856	21.84	3,129,333	24.15
	Upper Limit ==>	7,917,224	16.69	6,217,712	22.34	6,258,666	24.65
	Lower Limit ==>	1,979,306	15.69	1,554,428	21.34	1,564,667	23.65
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW22B-4-022509	J0900963-017	3,696,697	16.19	2,752,337	21.83	2,769,081	24.14
FW99E-022509	J0900963-018	3,195,868	16.18	2,476,098	21.84	2,486,359	24.14
FW22B-2-022509	J0900963-019	3,787,610	16.20	2,898,768	21.84	2,939,971	24.15
FW21B-01-022609DL	J0900963-010	3,624,154	16.19	2,984,109	21.84	2,886,432	24.14

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 02/27/2009
Date Analyzed: 03/15/2009

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

Sample Name: FW23B-4-022509
Lab Code: J0900963-013

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8270C

Level: Low
Extraction Lot: JWG0900746

Analyte Name	Sample Result	FW23B-4-022509MS JWG0900746-1 Matrix Spike			FW23B-4-022509DMS JWG0900746-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	ND	18.2	59.5	31	16.9	61.7	27	10-70	8	30
2-Methylphenol	ND	37.7	59.5	63	35.7	61.7	58	32-96	6	30
4-Methylphenol	ND	74.0	89.3	83	70.3	92.6	76	12-106	5	30
2,4-Dimethylphenol	ND	29.5	59.5	49	25.9	61.7	42	35-88	13	30
Naphthalene	ND	42.2	59.5	71	38.9	61.7	63	41-93	8	30
2-Methylnaphthalene	ND	48.4	59.5	81	44.1	61.7	71	48-91	9	30
Acenaphthylene	ND	47.1	59.5	79	43.1	61.7	70	46-95	9	30
Acenaphthene	ND	45.3	59.5	76	45.3	61.7	73	48-96	0	30
Dibenzofuran	ND	46.0	59.5	77	46.7	61.7	76	49-101	1	30
Fluorene	ND	49.1	59.5	82	49.8	61.7	81	54-95	2	30
Pentachlorophenol	ND	59.8	59.5	100	55.2	61.7	89	18-141	8	30
Phenanthrene	ND	56.7	59.5	95	55.2	61.7	89	49-95	3	30
Anthracene	ND	49.8	59.5	84	48.0	61.7	78	50-101	4	30
Carbazole	ND	53.4	59.5	90	54.2	61.7	88	52-126	2	30
Fluoranthene	ND	59.4	59.5	100	62.2	61.7	101	48-103	5	30
Pyrene	ND	46.2	59.5	78	46.1	61.7	75	49-103	0	30
Benz(a)anthracene	ND	56.9	59.5	96	57.4	61.7	93	40-104	1	30
Chrysene	ND	56.8	59.5	95	58.2	61.7	94	47-105	3	30
Benzo(b)fluoranthene	ND	56.1	59.5	94	56.2	61.7	91	54-105	0	30
Benzo(k)fluoranthene	ND	60.8	59.5	102 *	62.7	61.7	102 *	50-101	3	30
Benzo(a)pyrene	ND	46.4	59.5	78	50.8	61.7	82	48-100	9	30
Indeno(1,2,3-cd)pyrene	ND	63.8	59.5	107	67.4	61.7	109	50-115	5	30
Dibenz(a,h)anthracene	ND	64.3	59.5	108	66.6	61.7	108	44-124	3	30
Benzo(g,h,i)perylene	ND	61.6	59.5	104	65.0	61.7	105	51-114	5	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 02/27/2009
Date Analyzed: 03/05/2009

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900746

	Lab Control Sample JWG0900746-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Phenol	11.4	50.0	23	12-54
2-Methylphenol	26.1	50.0	52	21-100
4-Methylphenol	57.6	75.0	77	15-95
2,4-Dimethylphenol	22.4	50.0	45	38-110
Naphthalene	25.5	50.0	51	40-97
2-Methylnaphthalene	27.3	50.0	55	46-110
Acenaphthylene	34.0	50.0	68	45-99
Acenaphthene	35.4	50.0	71	42-106
Dibenzofuran	37.7	50.0	75	49-103
Fluorene	40.9	50.0	82	54-97
Pentachlorophenol	42.6	50.0	85	35-120
Phenanthrene	41.4	50.0	83	49-110
Anthracene	36.9	50.0	74	50-104
Carbazole	36.3	50.0	73	48-118
Fluoranthene	35.7	50.0	71	48-110
Pyrene	40.5	50.0	81	35-110
Benz(a)anthracene	42.9	50.0	86	42-114
Chrysene	34.7	50.0	69	50-113
Benzo(b)fluoranthene	27.8	50.0	56	56-110
Benzo(k)fluoranthene	39.8	50.0	80	48-110
Benzo(a)pyrene	29.4	50.0	59	46-110
Indeno(1,2,3-cd)pyrene	36.6	50.0	73	54-115
Dibenz(a,h)anthracene	34.9	50.0	70	51-125
Benzo(g,h,i)perylene	36.0	50.0	72	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.	**Service Request:**	J0900963
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	03/05/2009
		Time Analyzed:	11:30

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS019C05\0305-05.D
Lab Code:	JWG0900746-4	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900746

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900746-3	J:\MS01\DATA\MS019C05\0305-06.D	03/05/09	12:00
FW24B-03-022509	J0900963-001	J:\MS01\DATA\MS019C15\0315-04.D	03/15/09	12:12
FW24B-04-022509	J0900963-002	J:\MS01\DATA\MS019C15\0315-05.D	03/15/09	12:51
FW24B-01-022509	J0900963-004	J:\MS01\DATA\MS019C15\0315-06.D	03/15/09	13:30
FW24B-02-022509	J0900963-005	J:\MS01\DATA\MS019C15\0315-07.D	03/15/09	14:10
FW99F-022509	J0900963-006	J:\MS01\DATA\MS019C15\0315-08.D	03/15/09	14:49
FW21B-03-022509	J0900963-007	J:\MS01\DATA\MS019C15\0315-09.D	03/15/09	15:29
FW21B-04-022509	J0900963-008	J:\MS01\DATA\MS019C15\0315-10.D	03/15/09	16:08
FW21B-02-022609	J0900963-009	J:\MS01\DATA\MS019C15\0315-11.D	03/15/09	16:47
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C15\0315-12.D	03/15/09	17:27
FW11B-1-022509	J0900963-011	J:\MS01\DATA\MS019C15\0315-13.D	03/15/09	18:06
FW23B-1-022509	J0900963-012	J:\MS01\DATA\MS019C15\0315-14.D	03/15/09	18:46
FW23B-4-022509	J0900963-013	J:\MS01\DATA\MS019C15\0315-15.D	03/15/09	19:26
FW23B-4-022509MS	JWG0900746-1	J:\MS01\DATA\MS019C15\0315-16.D	03/15/09	20:07
FW23B-4-022509DMS	JWG0900746-2	J:\MS01\DATA\MS019C15\0315-17.D	03/15/09	20:47
FW23B-3-022509	J0900963-014	J:\MS01\DATA\MS019C15\0315-18.D	03/15/09	21:27
FW23B-2-022509	J0900963-015	J:\MS01\DATA\MS019C15\0315-19.D	03/15/09	22:07
FW22B-1-022509	J0900963-016	J:\MS01\DATA\MS019C15\0315-20.D	03/15/09	22:47
FW22B-4-022509	J0900963-017	J:\MS01\DATA\MS019C16\0316-04.D	03/16/09	10:58
FW99E-022509	J0900963-018	J:\MS01\DATA\MS019C16\0316-05.D	03/16/09	11:36
FW22B-2-022509	J0900963-019	J:\MS01\DATA\MS019C16\0316-06.D	03/16/09	12:15
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C16\0316-07.D	03/16/09	12:54

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 02/27/2009
Date Analyzed: 03/05/2009
Time Analyzed: 12:00

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

Sample Name: Lab Control Sample
Lab Code: JWG0900746-3

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C05\0305-06.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900746

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900746-4	J:\MS01\DATA\MS019C05\0305-05.D	03/05/09	11:30
FW24B-03-022509	J0900963-001	J:\MS01\DATA\MS019C15\0315-04.D	03/15/09	12:12
FW24B-04-022509	J0900963-002	J:\MS01\DATA\MS019C15\0315-05.D	03/15/09	12:51
FW24B-01-022509	J0900963-004	J:\MS01\DATA\MS019C15\0315-06.D	03/15/09	13:30
FW24B-02-022509	J0900963-005	J:\MS01\DATA\MS019C15\0315-07.D	03/15/09	14:10
FW99F-022509	J0900963-006	J:\MS01\DATA\MS019C15\0315-08.D	03/15/09	14:49
FW21B-03-022509	J0900963-007	J:\MS01\DATA\MS019C15\0315-09.D	03/15/09	15:29
FW21B-04-022509	J0900963-008	J:\MS01\DATA\MS019C15\0315-10.D	03/15/09	16:08
FW21B-02-022609	J0900963-009	J:\MS01\DATA\MS019C15\0315-11.D	03/15/09	16:47
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C15\0315-12.D	03/15/09	17:27
FW11B-1-022509	J0900963-011	J:\MS01\DATA\MS019C15\0315-13.D	03/15/09	18:06
FW23B-1-022509	J0900963-012	J:\MS01\DATA\MS019C15\0315-14.D	03/15/09	18:46
FW23B-4-022509	J0900963-013	J:\MS01\DATA\MS019C15\0315-15.D	03/15/09	19:26
FW23B-4-022509MS	JWG0900746-1	J:\MS01\DATA\MS019C15\0315-16.D	03/15/09	20:07
FW23B-4-022509DMS	JWG0900746-2	J:\MS01\DATA\MS019C15\0315-17.D	03/15/09	20:47
FW23B-3-022509	J0900963-014	J:\MS01\DATA\MS019C15\0315-18.D	03/15/09	21:27
FW23B-2-022509	J0900963-015	J:\MS01\DATA\MS019C15\0315-19.D	03/15/09	22:07
FW22B-1-022509	J0900963-016	J:\MS01\DATA\MS019C15\0315-20.D	03/15/09	22:47
FW22B-4-022509	J0900963-017	J:\MS01\DATA\MS019C16\0316-04.D	03/16/09	10:58
FW99E-022509	J0900963-018	J:\MS01\DATA\MS019C16\0316-05.D	03/16/09	11:36
FW22B-2-022509	J0900963-019	J:\MS01\DATA\MS019C16\0316-06.D	03/16/09	12:15
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C16\0316-07.D	03/16/09	12:54

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/05/2009
Time Analyzed: 10:12

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\0305-03.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900772

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
198	198	100	100	100.0	203264	PASS
199	198	5	9	5.9	11980	PASS
51	198	30	60	34.6	70384	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	29.4	59680	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	40.1	81448	PASS
197	198	0	1	0.0	0	PASS
275	198	10	30	19.9	40368	PASS
365	198	1	100	2.3	4739	PASS
441	443	0	100	88.6	15192	PASS
442	198	40	200	46.9	95416	PASS
443	442	17	23	18.0	17152	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900772-2	J:\MS01\DATA\MS019C05\0305-04B	03/05/2009	11:00	
Method Blank	JWG0900746-4	J:\MS01\DATA\MS019C05\0305-05.	03/05/2009	11:30	
Lab Control Sample	JWG0900746-3	J:\MS01\DATA\MS019C05\0305-06.	03/05/2009	12:00	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/15/2009
Time Analyzed: 11:14

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C15\0315-02.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900886

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
275	198	10	30	22.5	47096	PASS
365	198	1	100	2.5	5295	PASS
51	198	30	60	51.0	106576	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	47.1	98520	PASS
70	69	0	2	0.8	791	PASS
127	198	40	60	40.2	84040	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	209024	PASS
199	198	5	9	7.1	14815	PASS
441	443	0	100	93.7	24776	PASS
442	198	40	200	67.9	141824	PASS
443	442	17	23	18.6	26448	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900886-2	J:\MS01\DATA\MS019C15\0315-03.	03/15/2009	11:33	
FW24B-03-022509	J0900963-001	J:\MS01\DATA\MS019C15\0315-04.	03/15/2009	12:12	
FW24B-04-022509	J0900963-002	J:\MS01\DATA\MS019C15\0315-05.	03/15/2009	12:51	
FW24B-01-022509	J0900963-004	J:\MS01\DATA\MS019C15\0315-06.	03/15/2009	13:30	
FW24B-02-022509	J0900963-005	J:\MS01\DATA\MS019C15\0315-07.	03/15/2009	14:10	
FW99F-022509	J0900963-006	J:\MS01\DATA\MS019C15\0315-08.	03/15/2009	14:49	
FW21B-03-022509	J0900963-007	J:\MS01\DATA\MS019C15\0315-09.	03/15/2009	15:29	
FW21B-04-022509	J0900963-008	J:\MS01\DATA\MS019C15\0315-10.	03/15/2009	16:08	
FW21B-02-022609	J0900963-009	J:\MS01\DATA\MS019C15\0315-11.	03/15/2009	16:47	
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C15\0315-12.	03/15/2009	17:27	
FW11B-1-022509	J0900963-011	J:\MS01\DATA\MS019C15\0315-13.	03/15/2009	18:06	
FW23B-1-022509	J0900963-012	J:\MS01\DATA\MS019C15\0315-14.	03/15/2009	18:46	
FW23B-4-022509	J0900963-013	J:\MS01\DATA\MS019C15\0315-15.	03/15/2009	19:26	
FW23B-4-022509MS	JWG0900746-1	J:\MS01\DATA\MS019C15\0315-16.	03/15/2009	20:07	
FW23B-4-022509DMS	JWG0900746-2	J:\MS01\DATA\MS019C15\0315-17.	03/15/2009	20:47	
FW23B-3-022509	J0900963-014	J:\MS01\DATA\MS019C15\0315-18.	03/15/2009	21:27	
FW23B-2-022509	J0900963-015	J:\MS01\DATA\MS019C15\0315-19.	03/15/2009	22:07	
FW22B-1-022509	J0900963-016	J:\MS01\DATA\MS019C15\0315-20.	03/15/2009	22:47	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/16/2009
Time Analyzed: 10:01

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-02.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900912

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
275	198	10	30	21.3	32984	PASS
365	198	1	100	2.4	3747	PASS
51	198	30	60	57.7	89544	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	49.7	77088	PASS
70	69	0	2	0.8	646	PASS
127	198	40	60	42.7	66280	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	155072	PASS
199	198	5	9	6.7	10452	PASS
441	443	0	100	85.0	14219	PASS
442	198	40	200	54.3	84232	PASS
443	442	17	23	19.9	16736	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900912-2	J:\MS01\DATA\MS019C16\0316-03.	03/16/2009	10:19	
FW22B-4-022509	J0900963-017	J:\MS01\DATA\MS019C16\0316-04.	03/16/2009	10:58	
FW99E-022509	J0900963-018	J:\MS01\DATA\MS019C16\0316-05.	03/16/2009	11:36	
FW22B-2-022509	J0900963-019	J:\MS01\DATA\MS019C16\0316-06.	03/16/2009	12:15	
FW21B-01-022609	J0900963-010	J:\MS01\DATA\MS019C16\0316-07.	03/16/2009	12:54	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.46	B	10	1.46	C	20	1.50	D	50	1.88	E	100	2.37
	F	200	2.08												
2-Methylphenol	A	5.0	1.23	B	10	1.15	C	20	1.16	D	50	1.31	E	100	1.52
	F	200	1.30												
4-Methylphenol	A	5.0	1.51	B	10	1.47	C	20	1.48	D	50	1.68	E	100	1.94
	F	200	1.70												
2,4-Dimethylphenol	A	5.0	0.349	B	10	0.336	C	20	0.352	D	50	0.412	E	100	0.407
	F	200	0.380												
Naphthalene	A	5.0	1.10	B	10	1.08	C	20	1.15	D	50	1.31	E	100	1.29
	F	200	1.03												
2-Methylnaphthalene	A	5.0	0.673	B	10	0.659	C	20	0.683	D	50	0.801	E	100	0.817
	F	200	0.794												
Acenaphthylene	A	5.0	1.76	B	10	1.76	C	20	1.86	D	50	2.25	E	100	2.18
	F	200	1.89												
‡ Acenaphthene	A	5.0	1.02	B	10	0.988	C	20	1.06	D	50	1.28	E	100	1.10
	F	200	0.992												
Dibenzofuran	A	5.0	1.58	B	10	1.51	C	20	1.60	D	50	1.87	E	100	1.71
	F	200	1.46												
Fluorene	A	5.0	1.29	B	10	1.28	C	20	1.36	D	50	1.55	E	100	1.47
	F	200	1.07												
‡ Pentachlorophenol	A	5.0	0.109	B	10	0.105	C	20	0.113	D	50	0.143	E	100	0.151
	F	200	0.163												
Phenanthrene	A	5.0	1.14	B	10	1.12	C	20	1.18	D	50	1.80	E	100	1.55
	F	200	1.30												
Anthracene	A	5.0	1.12	B	10	1.11	C	20	1.21	D	50	1.54	E	100	1.55
	F	200	1.15												
Carbazole	A	5.0	1.10	B	10	1.05	C	20	1.10	D	50	1.39	E	100	1.44
	F	200	1.26												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	1.09	B	10	1.07	C	20	1.11	D	50	1.57	E	100	1.74
	F	200	1.38												
Pyrene	A	5.0	1.26	B	10	1.25	C	20	1.27	D	50	1.53	E	100	1.57
	F	200	1.41												
Benz(a)anthracene	A	5.0	1.04	B	10	1.04	C	20	1.13	D	50	1.59	E	100	1.39
	F	200	1.20												
Chrysene	A	5.0	0.993	B	10	0.983	C	20	1.04	D	50	1.29	E	100	1.39
	F	200	1.24												
Benzo(b)fluoranthene	A	5.0	0.875	B	10	0.920	C	20	1.14	D	50	1.40	E	100	2.07
	F	200	2.53												
Benzo(k)fluoranthene	A	5.0	1.38	B	10	1.31	C	20	1.28	D	50	1.88	E	100	1.92
‡ Benzo(a)pyrene	A	5.0	0.860	B	10	0.879	C	20	1.01	D	50	1.29	E	100	1.44
	F	200	1.46												
Indeno(1,2,3-cd)pyrene	A	5.0	0.992	B	10	1.00	C	20	1.12	D	50	1.38	E	100	1.55
	F	200	1.57												
Dibenz(a,h)anthracene	A	5.0	0.841	B	10	0.855	C	20	0.956	D	50	1.23	E	100	1.44
	F	200	1.42												
Benzo(g,h,i)perylene	A	5.0	0.875	B	10	0.860	C	20	0.924	D	50	1.08	E	100	1.13
	F	200	1.15												
2-Fluorophenol	A	5.0	1.44	B	10	1.38	C	20	1.39	D	50	1.56	E	100	1.75
	F	200	1.78												
Phenol-d6	A	5.0	1.67	B	10	1.60	C	20	1.66	D	50	1.99	E	100	2.34
	F	200	2.12												
Nitrobenzene-d5	A	5.0	0.275	B	10	0.266	C	20	0.290	D	50	0.359	E	100	0.432
	F	200	0.421												
2-Fluorobiphenyl	A	5.0	1.14	B	10	1.16	C	20	1.21	D	50	1.49	E	100	1.49
	F	200	1.45												
2,4,6-Tribromophenol	A	5.0	0.0747	B	10	0.0759	C	20	0.0769	D	50	0.0895	E	100	0.0884
	F	200	0.100												
Terphenyl-d14	A	5.0	0.672	B	10	0.654	C	20	0.694	D	50	0.848	E	100	0.965
	F	200	0.909												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	21.4		≤ 30	1.79		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.6		≤ 30	1.28		0.01
4-Methylphenol	MS	AverageRF	% RSD	11.2		≤ 30	1.63		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	8.6		≤ 30	0.373		0.01
Naphthalene	MS	AverageRF	% RSD	9.7		≤ 30	1.16		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	9.9		≤ 30	0.738		0.01
Acenaphthylene	MS	AverageRF	% RSD	10.9		≤ 30	1.95		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	10.2		≤ 30	1.07		0.01
Dibenzofuran	MS	AverageRF	% RSD	9.1		≤ 30	1.62		0.01
Fluorene	MS	AverageRF	% RSD	12.7		≤ 30	1.34		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	19.0		≤ 30	0.131		0.01
Phenanthrene	MS	AverageRF	% RSD	20.2		≤ 30	1.35		0.01
Anthracene	MS	AverageRF	% RSD	16.3		≤ 30	1.28		0.01
Carbazole	MS	AverageRF	% RSD	13.4		≤ 30	1.22		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	21.5		≤ 30	1.32		0.01
Pyrene	MS	AverageRF	% RSD	10.5		≤ 30	1.38		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	17.8		≤ 30	1.23		0.01
Chrysene	MS	AverageRF	% RSD	15.1		≤ 30	1.16		0.01
Benzo(b)fluoranthene	MS	Quadratic	COD	0.999		≥ 0.990	1.49		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	20.4		≤ 30	1.55		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	23.6		≤ 30	1.16		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	20.9		≤ 30	1.27		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	24.6		≤ 30	1.12		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	13.2		≤ 30	1.00		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	11.4		≤ 30	1.55		0.01
Phenol-d6	SURR	AverageRF	% RSD	15.7		≤ 30	1.90		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	21.9		≤ 30	0.341		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	12.7		≤ 30	1.32		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	12.1		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	16.9		≤ 30	0.790		0.01

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/03/2009
Date Analyzed: 03/03/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1773
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\0303-12.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	1.79	1.68	-6	NA	± 30 %	AverageRF
2-Methylphenol	50	48	1.28	1.22	-4	NA	± 30 %	AverageRF
4-Methylphenol	50	49	1.63	1.59	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	48	0.373	0.358	-4	NA	± 30 %	AverageRF
Naphthalene	50	47	1.16	1.10	-6	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	47	0.738	0.700	-5	NA	± 30 %	AverageRF
Acenaphthylene	50	48	1.95	1.86	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.07	1.09	1	NA	± 30 %	AverageRF
Dibenzofuran	50	51	1.62	1.64	1	NA	± 30 %	AverageRF
Fluorene	50	48	1.34	1.29	-3	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	56	1.35	1.51	12	NA	± 30 %	AverageRF
Anthracene	50	47	1.28	1.21	-5	NA	± 30 %	AverageRF
Carbazole	50	47	1.22	1.15	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	47	1.38	1.30	-6	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.23	1.26	2	NA	± 30 %	AverageRF
Chrysene	50	45	1.16	1.03	-11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	36	1.49	1.26	NA	-28	± 30 %	Quadratic
Benzo(k)fluoranthene	50	49	1.55	1.53	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.16	1.13	-3	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	48	1.27	1.22	-4	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	1.12	1.06	-5	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	49	1.00	0.974	-3	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900963
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779 **Column:** HP-5MS
Instrument ID: MS01.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0932
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1779
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/05/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900772
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\0305-04B.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	0.01	1.79	1.96	10	NA	± 20 %	AverageRF
2-Methylphenol	50	54	0.01	1.28	1.38	8	NA	± 30 %	AverageRF
4-Methylphenol	50	56	0.01	1.63	1.83	12	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	54	0.01	0.373	0.399	7	NA	± 30 %	AverageRF
Naphthalene	50	54	0.01	1.16	1.25	8	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	53	0.01	0.738	0.783	6	NA	± 30 %	AverageRF
Acenaphthylene	50	53	0.01	1.95	2.08	7	NA	± 30 %	AverageRF
‡ Acenaphthene	50	56	0.01	1.07	1.20	12	NA	± 20 %	AverageRF
Dibenzofuran	50	57	0.01	1.62	1.84	14	NA	± 30 %	AverageRF
Fluorene	50	60	0.01	1.34	1.62	21	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	48	0.01	0.131	0.125	-4	NA	± 20 %	AverageRF
Phenanthrene	50	62	0.01	1.35	1.66	23	NA	± 30 %	AverageRF
Anthracene	50	54	0.01	1.28	1.37	8	NA	± 30 %	AverageRF
Carbazole	50	50	0.01	1.22	1.22	0	NA	± 30 %	AverageRF
‡ Fluoranthene	50	49	0.01	1.32	1.30	-2	NA	± 20 %	AverageRF
Pyrene	50	62	0.01	1.38	1.70	23	NA	± 30 %	AverageRF
Benz(a)anthracene	50	62	0.01	1.23	1.53	25	NA	± 30 %	AverageRF
Chrysene	50	50	0.01	1.16	1.17	1	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	44	0.01	1.49	1.55	NA	-12	± 30 %	Quadratic
Benzo(k)fluoranthene	50	46	0.01	1.55	1.43	-8	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	53	0.01	1.16	1.23	6	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	50	0.01	1.27	1.28	1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	50	0.01	1.12	1.13	1	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	51	0.01	1.00	1.02	1	NA	± 30 %	AverageRF
2-Fluorophenol	50	51	0.01	1.55	1.57	1	NA	± 30 %	AverageRF
Phenol-d6	50	54	0.01	1.90	2.05	8	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	53	0.01	0.341	0.360	6	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	54	0.01	1.32	1.43	8	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	53	0.01	0.0843	0.0888	5	NA	± 30 %	AverageRF
Terphenyl-d14	50	58	0.01	0.790	0.925	17	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/15/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900886
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C15\0315-03.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	17	0.01	1.71	1.47	-14	NA	± 20 %	AverageRF
2-Methylphenol	20	17	0.01	0.930	0.813	-13	NA	± 30 %	AverageRF
4-Methylphenol	20	17	0.01	1.23	1.06	-14	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	18	0.01	0.253	0.226	-11	NA	± 30 %	AverageRF
Naphthalene	20	18	0.01	0.920	0.828	-10	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	18	0.01	0.593	0.526	-11	NA	± 30 %	AverageRF
Acenaphthylene	20	18	0.01	1.67	1.52	-9	NA	± 30 %	AverageRF
‡ Acenaphthene	20	19	0.01	0.948	0.888	-6	NA	± 20 %	AverageRF
Dibenzofuran	20	19	0.01	1.51	1.46	-3	NA	± 30 %	AverageRF
Fluorene	20	19	0.01	1.23	1.17	-4	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	20	0.01	0.0921	0.0949	NA	2	± 20 %	Linear
Phenanthrene	20	20	0.01	1.13	1.10	-2	NA	± 30 %	AverageRF
Anthracene	20	19	0.01	1.07	1.02	-4	NA	± 30 %	AverageRF
Carbazole	20	18	0.01	0.952	0.880	-8	NA	± 30 %	AverageRF
‡ Fluoranthene	20	18	0.01	0.949	0.863	-9	NA	± 20 %	AverageRF
Pyrene	20	16	0.01	1.41	1.13	-20	NA	± 30 %	AverageRF
Benz(a)anthracene	20	19	0.01	0.996	0.931	-7	NA	± 30 %	AverageRF
Chrysene	20	18	0.01	0.973	0.898	-8	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	17	0.01	1.09	0.906	-17	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	17	0.01	1.23	1.06	-14	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	20	0.01	0.896	0.882	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	19	0.01	0.974	0.949	-3	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	19	0.01	0.811	0.790	-3	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	19	0.01	0.815	0.777	-5	NA	± 30 %	AverageRF
2-Fluorophenol	20	19	0.01	1.07	1.00	-7	NA	± 30 %	AverageRF
Phenol-d6	20	18	0.01	1.51	1.35	-11	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	18	0.01	0.349	0.320	-8	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	19	0.01	1.34	1.25	-6	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0904	7	NA	± 30 %	AverageRF
Terphenyl-d14	20	16	0.01	0.756	0.605	-20	NA	± 30 %	AverageRF

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963
Date Analyzed: 03/16/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900912
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-03.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	19	0.01	1.71	1.62	-5	NA	± 20 %	AverageRF
2-Methylphenol	20	19	0.01	0.930	0.895	-4	NA	± 30 %	AverageRF
4-Methylphenol	20	18	0.01	1.23	1.14	-8	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.246	-3	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.916	0	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	20	0.01	0.593	0.595	0	NA	± 30 %	AverageRF
Acenaphthylene	20	19	0.01	1.67	1.62	-3	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.931	-2	NA	± 20 %	AverageRF
Dibenzofuran	20	22	0.01	1.51	1.65	9	NA	± 30 %	AverageRF
Fluorene	20	21	0.01	1.23	1.29	5	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	22	0.01	0.0921	0.104	NA	9	± 20 %	Linear
Phenanthrene	20	20	0.01	1.13	1.13	0	NA	± 30 %	AverageRF
Anthracene	20	20	0.01	1.07	1.07	0	NA	± 30 %	AverageRF
Carbazole	20	21	0.01	0.952	0.991	4	NA	± 30 %	AverageRF
‡ Fluoranthene	20	23	0.01	0.949	1.08	14	NA	± 20 %	AverageRF
Pyrene	20	19	0.01	1.41	1.35	-4	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	0.986	-1	NA	± 30 %	AverageRF
Chrysene	20	21	0.01	0.973	1.00	3	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	20	0.01	1.09	1.07	-2	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	22	0.01	1.23	1.34	9	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	20	0.01	0.896	0.882	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	20	0.01	0.974	0.981	1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	20	0.01	0.811	0.830	2	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.810	-1	NA	± 30 %	AverageRF
2-Fluorophenol	20	20	0.01	1.07	1.06	-2	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.46	-3	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	20	0.01	0.349	0.345	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.34	0	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0876	4	NA	± 30 %	AverageRF
Terphenyl-d14	20	19	0.01	0.756	0.711	-6	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900772
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0305-03.D	GC/MS Tuning - Generic	JWG0900772-1	3/5/2009	10:12		3/5/2009	10:12
0305-04B.D	Continuing Calibration Verification	JWG0900772-2	3/5/2009	11:00		3/5/2009	11:00
\0305-05.D	Method Blank	JWG0900746-4	3/5/2009	11:30		3/5/2009	11:30
\0305-06.D	Lab Control Sample	JWG0900746-3	3/5/2009	12:00		3/5/2009	12:00
\0305-07.D	ZZZZZZ	ZZZZZZ	3/5/2009	12:31		3/5/2009	12:31
\0305-08.D	ZZZZZZ	ZZZZZZ	3/5/2009	13:01		3/5/2009	13:01
\0305-10.D	ZZZZZZ	ZZZZZZ	3/5/2009	14:01		3/5/2009	14:01
\0305-11.D	ZZZZZZ	ZZZZZZ	3/5/2009	14:31		3/5/2009	14:31
\0305-12.D	ZZZZZZ	ZZZZZZ	3/5/2009	15:02		3/5/2009	15:02
\0305-13.D	ZZZZZZ	ZZZZZZ	3/5/2009	15:32		3/5/2009	15:32
\0305-14.D	ZZZZZZ	ZZZZZZ	3/5/2009	16:02		3/5/2009	16:02
\0305-15.D	ZZZZZZ	ZZZZZZ	3/5/2009	16:33		3/5/2009	16:33
\0305-16.D	ZZZZZZ	ZZZZZZ	3/5/2009	17:03		3/5/2009	17:03
\0305-17.D	ZZZZZZ	ZZZZZZ	3/5/2009	17:33		3/5/2009	17:33
\0305-18.D	ZZZZZZ	ZZZZZZ	3/5/2009	18:02		3/5/2009	18:02
\0305-19.D	ZZZZZZ	ZZZZZZ	3/5/2009	18:32		3/5/2009	18:32

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900886
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0315-02.D	GC/MS Tuning - Generic	JWG0900886-1	3/15/2009	11:14		3/15/2009	11:14
\0315-03.D	Continuing Calibration Verification	JWG0900886-2	3/15/2009	11:33		3/15/2009	11:33
\0315-04.D	FW24B-03-022509	J0900963-001	3/15/2009	12:12		3/15/2009	12:12
\0315-05.D	FW24B-04-022509	J0900963-002	3/15/2009	12:51		3/15/2009	12:51
\0315-06.D	FW24B-01-022509	J0900963-004	3/15/2009	13:30		3/15/2009	13:30
\0315-07.D	FW24B-02-022509	J0900963-005	3/15/2009	14:10		3/15/2009	14:10
\0315-08.D	FW99F-022509	J0900963-006	3/15/2009	14:49		3/15/2009	14:49
\0315-09.D	FW21B-03-022509	J0900963-007	3/15/2009	15:29		3/15/2009	15:29
\0315-10.D	FW21B-04-022509	J0900963-008	3/15/2009	16:08		3/15/2009	16:08
\0315-11.D	FW21B-02-022609	J0900963-009	3/15/2009	16:47		3/15/2009	16:47
\0315-12.D	FW21B-01-022609	J0900963-010	3/15/2009	17:27		3/15/2009	17:27
\0315-13.D	FW11B-1-022509	J0900963-011	3/15/2009	18:06		3/15/2009	18:06
\0315-14.D	FW23B-1-022509	J0900963-012	3/15/2009	18:46		3/15/2009	18:46
\0315-15.D	FW23B-4-022509	J0900963-013	3/15/2009	19:26		3/15/2009	19:26
\0315-16.D	FW23B-4-022509MS	JWG0900746-1	3/15/2009	20:07		3/15/2009	20:07
\0315-17.D	FW23B-4-022509DMS	JWG0900746-2	3/15/2009	20:47		3/15/2009	20:47
\0315-18.D	FW23B-3-022509	J0900963-014	3/15/2009	21:27		3/15/2009	21:27
\0315-19.D	FW23B-2-022509	J0900963-015	3/15/2009	22:07		3/15/2009	22:07
\0315-20.D	FW22B-1-022509	J0900963-016	3/15/2009	22:47		3/15/2009	22:47

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900963

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900912
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0316-02.D	GC/MS Tuning - Generic	JWG0900912-1	3/16/2009	10:01		3/16/2009	10:01
\0316-03.D	Continuing Calibration Verification	JWG0900912-2	3/16/2009	10:19		3/16/2009	10:19
\0316-04.D	FW22B-4-022509	J0900963-017	3/16/2009	10:58		3/16/2009	10:58
\0316-05.D	FW99E-022509	J0900963-018	3/16/2009	11:36		3/16/2009	11:36
\0316-06.D	FW22B-2-022509	J0900963-019	3/16/2009	12:15		3/16/2009	12:15
\0316-07.D	FW21B-01-022609	J0900963-010	3/16/2009	12:54		3/16/2009	12:54
\0316-08.D	ZZZZZZ	ZZZZZZ	3/16/2009	13:33		3/16/2009	13:33
\0316-09.D	ZZZZZZ	ZZZZZZ	3/16/2009	14:12		3/16/2009	14:12
\0316-10.D	ZZZZZZ	ZZZZZZ	3/16/2009	14:51		3/16/2009	14:51
\0316-11.D	ZZZZZZ	ZZZZZZ	3/16/2009	15:30		3/16/2009	15:30
\0316-12.D	ZZZZZZ	ZZZZZZ	3/16/2009	16:09		3/16/2009	16:09
\0316-13.D	ZZZZZZ	ZZZZZZ	3/16/2009	16:48		3/16/2009	16:48
\0316-14.D	ZZZZZZ	ZZZZZZ	3/16/2009	17:27		3/16/2009	17:27
\0316-15.D	ZZZZZZ	ZZZZZZ	3/16/2009	18:06		3/16/2009	18:06
\0316-16.D	ZZZZZZ	ZZZZZZ	3/16/2009	18:44		3/16/2009	18:44
\0316-17.D	ZZZZZZ	ZZZZZZ	3/16/2009	19:24		3/16/2009	19:24
\0316-18.D	ZZZZZZ	ZZZZZZ	3/16/2009	20:03		3/16/2009	20:03

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900963
Date Extracted: 02/27/2009

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0900746
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW24B-03-022509	J0900963-001	02/25/09	02/26/09	810ml	1.0ml	NA	
FW24B-04-022509	J0900963-002	02/25/09	02/26/09	960ml	1.0ml	NA	
FW24B-01-022509	J0900963-004	02/25/09	02/26/09	800ml	1.0ml	NA	
FW24B-02-022509	J0900963-005	02/25/09	02/26/09	840ml	1.0ml	NA	
FW99F-022509	J0900963-006	02/25/09	02/26/09	860ml	1.0ml	NA	
FW21B-03-022509	J0900963-007	02/25/09	02/26/09	970ml	1.0ml	NA	
FW21B-04-022509	J0900963-008	02/25/09	02/26/09	800ml	1.0ml	NA	
FW21B-02-022609	J0900963-009	02/25/09	02/26/09	860ml	1.0ml	NA	
FW21B-01-022609DL	J0900963-010	02/25/09	02/26/09	970ml	1.0ml	NA	
FW21B-01-022609	J0900963-010	02/25/09	02/26/09	970ml	1.0ml	NA	
FW11B-1-022509	J0900963-011	02/25/09	02/26/09	850ml	1.0ml	NA	
FW23B-1-022509	J0900963-012	02/25/09	02/26/09	820ml	1.0ml	NA	
FW23B-4-022509	J0900963-013	02/25/09	02/26/09	950ml	1.0ml	NA	
FW23B-3-022509	J0900963-014	02/25/09	02/26/09	930ml	1.0ml	NA	
FW23B-2-022509	J0900963-015	02/25/09	02/26/09	780ml	1.0ml	NA	
FW22B-1-022509	J0900963-016	02/25/09	02/26/09	840ml	1.0ml	NA	
FW22B-4-022509	J0900963-017	02/25/09	02/26/09	890ml	1.0ml	NA	
FW99E-022509	J0900963-018	02/25/09	02/26/09	890ml	1.0ml	NA	
FW22B-2-022509	J0900963-019	02/25/09	02/26/09	900ml	1.0ml	NA	
Method Blank	JWG0900746-4	NA	NA	1000ml	1.0ml	NA	
FW23B-4-022509MS	JWG0900746-1	02/25/09	02/26/09	840ml	1.0ml	NA	
FW23B-4-022509DMS	JWG0900746-2	02/25/09	02/26/09	810ml	1.0ml	NA	
Lab Control Sample	JWG0900746-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J0900963

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
FW24B-03-022509	J0900963-001
FW24B-03-022509S	J0900963-001S
FW24B-03-022509SD	J0900963-001SD
FW24B-04-022509	J0900963-002
Metals Blank-022509	J0900963-003
FW24B-01-022509	J0900963-004
FW24B-02-022509	J0900963-005
FW99F-022509	J0900963-006
FW21B-03-022509	J0900963-007
FW21B-04-022509	J0900963-008
FW21B-02-022609	J0900963-009
FW21B-01-022609	J0900963-010
FW11B-1-022509	J0900963-011
FW23B-1-022509	J0900963-012
FW23B-4-022509	J0900963-013
FW23B-4-022509S	J0900963-013S
FW23B-4-022509SD	J0900963-013SD
FW23B-3-022509	J0900963-014
FW23B-2-022509	J0900963-015
FW22B-1-022509	J0900963-016
FW22B-4-022509	J0900963-017
FW99E-022509	J0900963-018
FW22B-2-022509	J0900963-019

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner Name: Barbara Scribner

Date: 3/27/09 Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24B-03-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-001

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.1			MS
7440-47-3	Chromium	1.1	U	U	MS
7440-50-8	Copper	0.5	U	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24B-04-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-002

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3			MS
7440-47-3	Chromium	0.8	U	U	MS
7440-50-8	Copper	0.5	U	J	MS
7440-66-6	Zinc	4	U	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

Metals Blank-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-003

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	J	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	7	J	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24B-01-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-004

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	105			MS
7440-47-3	Chromium	0.9	U	U	MS
7440-50-8	Copper	0.3	U	J	MS
7440-66-6	Zinc	40			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW24B-02-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-005

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	86			MS
7440-47-3	Chromium	3.3		U	MS
7440-50-8	Copper	0.4	U	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99F-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-006

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	85			MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW21B-03-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-007

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.6			MS
7440-47-3	Chromium	0.8	U	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW21B-04-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-008

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.2			MS
7440-47-3	Chromium	1.0	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW21B-02-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-009

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.22	~~I~~	JB	MS
7440-47-3	Chromium	1.0	~~I~~	"	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW21B-01-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-010

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	J	JB	MS
7440-47-3	Chromium	1.1	J	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW11B-1-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-011

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.77			MS
7440-47-3	Chromium	1.3	i	U	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	142			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-I-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23B-1-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-012

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20		J	MS
7440-47-3	Chromium	0.9		U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23B-4-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-013

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	0.9	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23B-3-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-014

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23B-2-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-015

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	0.9	i	J	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22B-1-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-016

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	i	J U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22B-4-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-017

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99E-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-018

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.2	~~U~~	U	MS
7440-50-8	Copper	0.3	~~U~~	J	MS
7440-66-6	Zinc	12			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22B-2-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Lab Sample ID: J0900963-019

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	47.6	95	25.0	24.3	97	24.0	96	MS
Chromium	20.0	20.2	101	25.0	25.0	100	25.0	100	MS
Copper	25.0	24.8	99	25.0	24.0	96	24.8	99	MS
Zinc	50.0	49.7	99	50.0	49.4	99	49.6	99	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	24.8	99	24.5	98	MS
Chromium				25.0	25.0	100	24.4	98	MS
Copper				25.0	24.4	98	23.9	96	MS
Zinc				50.0	49.1	98	48.1	96	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	24.2	97	23.7	95	MS
Chromium				25.0	24.2	97	24.5	98	MS
Copper				25.0	23.4	94	23.0	92	MS
Zinc				50.0	47.8	96	47.5	95	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	24.1	96	23.1	92	MS
Chromium				25.0	24.3	97	24.1	96	MS
Copper				25.0	23.5	94	23.1	92	MS
Zinc				50.0	48.3	97	47.4	95	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	23.9	96	23.9	96	MS
Chromium				25.0	24.0	96	24.4	98	MS
Copper				25.0	23.2	93	23.4	94	MS
Zinc				50.0	47.4	95	48.7	97	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	23.4	94	23.9	96	MS
Chromium				25.0	24.0	96	23.6	94	MS
Copper				25.0	23.2	93	22.9	92	MS
Zinc				50.0	48.6	97	47.1	94	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	23.0	92			MS
Chromium				25.0	22.9	92			MS
Zinc				50.0	46.5	93			MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Copper	25.0	25.6	102	25.0	24.2	97	25.1	100	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900963

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.365	73		
Chromium				2.000	2.050	102		
Copper				2.000	2.020	101		
Zinc				10.000	11.000	110		

Comments:

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900963

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Copper				2.00	2.17	108		

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.200	U	0.200	U	0.200	U	0.200	U	0.20	U	MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U	0.9	J	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	0.3	U	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4	U	MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Arsenic			0.200	U	0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U	4.00	U					MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Arsenic			0.200	U	0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U	4.00	U					MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Preparation Blank	C		M
Arsenic			0.200	U	0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U	4.00	U					MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U							MS
Chromium			0.800	U							MS
Zinc			4.00	U							MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Copper	0.300	U	0.300	U	0.300	U					MS

Comments:

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.3	19.5	98			
Chromium	0.0	20.0	0.5	20.4	102			
Copper	0.0	20.0	0.5	18.6	93			
Zinc	0.0	40.0	2.1	40.2	100			

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Copper	0.0	20.0	0.5	19.0	95			

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW24B-03-022509S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	49.20		2.09		50.0	94		MS
Chromium	75 - 125	47.1		1.1		50.0	92		MS
Copper	75 - 125	43.1		0.5		50.0	85		MS
Zinc	75 - 125	91.3		4.0	U	100	91		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW24B-03-022509SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	50.10		2.09		50.0	96		MS
Chromium	75 - 125	47.2		1.1		50.0	92		MS
Copper	75 - 125	43.5		0.5		50.0	86		MS
Zinc	75 - 125	94.2		4.0	U	100	94		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW23B-4-022509S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	46.40		0.20	U	50.0	93		MS
Chromium	75 - 125	46.7		0.9		50.0	92		MS
Copper	75 - 125	43.8		0.3	U	50.0	88		MS
Zinc	75 - 125	94.8		4.0	U	100	95		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW23B-4-022509SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	46.70		0.20	U	50.0	93		MS
Chromium	75 - 125	45.9		0.9		50.0	90		MS
Copper	75 - 125	42.8		0.3	U	50.0	86		MS
Zinc	75 - 125	95.3		4.0	U	100	95		MS

Comments:

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW24B-03-022509A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Arsenic	75 - 125	44.00		2.09		50.0	84		MS
Chromium	75 - 125	44.50		1.10		50.0	87		MS
Copper	75 - 125	42.10		0.46		50.0	83		MS
Zinc	75 - 125	89.60		4.00	U	100.0	90		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW24B-03-022509SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		49.20		50.10		2		MS
Chromium		47.1		47.2		0		MS
Copper		43.1		43.5		1		MS
Zinc		91.3		94.2		3		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW23B-4-022509SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		46.40		46.70		1		MS
Chromium		46.7		45.9		2		MS
Copper		43.8		42.8		2		MS
Zinc		94.8		95.3		1		MS

Comments:

Dissolved Metals

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LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	50.8	102					
Chromium	50.0	49.4	99					
Copper	50.0	47.4	95					
Zinc	100	103.0	103					

Comments:

Dissolved Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

FW24B-03-022509L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	2.090		3.740		79		MS
Chromium	1.100		4.000	U	100.0		MS
Copper	0.460		1.500	U	100.0		MS
Zinc	20.000	U	20.000	U			MS

Comments:

Dissolved Metals

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900963

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.000	0.800	MS
Copper	65		2.00	0.30	MS
Zinc	66		10.00	4.00	MS

Comments: _____

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

Dissolved Metals

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PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900963

Method: MS Prep Method: EPA 3020A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
FW24B-03-022509	3/3/2009	25.0	25.0
FW24B-03-022509S	3/3/2009	25.0	25.0
FW24B-03-022509SD	3/3/2009	25.0	25.0
FW24B-04-022509	3/3/2009	25.0	25.0
Metals Blank-022509	3/3/2009	25.0	25.0
FW24B-01-022509	3/3/2009	25.0	25.0
FW24B-02-022509	3/3/2009	25.0	25.0
FW99F-022509	3/3/2009	25.0	25.0
FW21B-03-022509	3/3/2009	25.0	25.0
FW21B-04-022509	3/3/2009	25.0	25.0
FW21B-02-022609	3/3/2009	25.0	25.0
FW21B-01-022609	3/3/2009	25.0	25.0
FW11B-1-022509	3/3/2009	25.0	25.0
FW23B-1-022509	3/3/2009	25.0	25.0
FW23B-4-022509	3/3/2009	25.0	25.0
FW23B-4-022509S	3/3/2009	25.0	25.0
FW23B-4-022509SD	3/3/2009	25.0	25.0
FW23B-3-022509	3/3/2009	25.0	25.0
FW23B-3-022509	3/3/2009	25.0	25.0
FW23B-2-022509	3/3/2009	25.0	25.0
FW23B-2-022509	3/3/2009	25.0	25.0
FW22B-1-022509	3/3/2009	25.0	25.0
FW22B-1-022509	3/3/2009	25.0	25.0
FW22B-4-022509	3/3/2009	25.0	25.0
FW22B-4-022509	3/3/2009	25.0	25.0
FW99E-022509	3/3/2009	25.0	25.0
FW99E-022509	3/3/2009	25.0	25.0
FW22B-2-022509	3/3/2009	25.0	25.0
FW22B-2-022509	3/3/2009	25.0	25.0
LCS2-0303	3/3/2009	25.0	25.0
MB2-0303	3/3/2009	25.0	25.0

Comments:

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900963

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
blank	1.00	13:10				X					X		X												X	
cal blank	1.00	13:14				X					X		X												X	
cal std 1 25 ppb	1.00	13:19				X					X		X												X	
cal std 2 50ppb	1.00	13:23				X					X		X												X	
cal std 3 100ppb	1.00	13:27				X					X		X												X	
ICV	1.00	13:31				X					X		X												X	
ICB	1.00	13:35				X					X		X												X	
MRL	1.00	13:40				X					X		X												X	
ICSA	1.00	13:44				X					X		X												X	
ICSAB	1.00	13:48				X					X		X												X	
BR 1.0PPM	1.00	13:52				X					X		X												X	
Blank	1.00	13:57				X					X		X												X	
CCV1	1.00	14:01				X					X		X												X	
CCB1	1.00	14:05				X					X		X												X	
CCV2	1.00	14:38				X					X		X												X	
CCB2	1.00	14:43				X					X		X												X	
CCV3	1.00	15:24				X					X		X												X	
CCB3	1.00	15:29				X					X		X												X	
CCV4	1.00	16:11				X					X		X												X	
CCB4	1.00	16:15				X					X		X												X	
CCV5	1.00	16:52				X					X		X												X	
CCB5	1.00	16:57				X					X		X												X	
CCV6	1.00	17:30				X					X		X												X	
CCB6	1.00	17:34				X					X		X												X	
CCV7	1.00	18:08				X					X		X												X	
CCB7	1.00	18:12				X					X		X												X	
CCV8	1.00	18:46				X					X		X												X	
CCB8	1.00	18:50				X					X		X												X	
CCV9	1.00	19:24				X					X		X												X	
CCB9	1.00	19:28				X					X		X												X	
MB2-0303	1.00	19:53				X					X		X												X	
LCS2-0303	1.00	19:58				X					X		X												X	
FW24B-03-022509	1.00	20:02				X					X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
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ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900963

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
FW24B-03-022509S	1.00	20:06				X					X		X												X	
FW24B-03-022509SD	1.00	20:10				X					X		X												X	
FW24B-03-022509L	5.00	20:14				X					X		X												X	
FW24B-03-022509A	1.00	20:19				X					X		X												X	
CCV10	1.00	20:23				X					X		X												X	
CCB10	1.00	20:27				X					X		X												X	
FW24B-04-022509	1.00	20:31				X					X		X												X	
Metals Blank-02250	1.00	20:35				X					X		X												X	
FW24B-01-022509	1.00	20:39				X					X		X												X	
FW24B-02-022509	1.00	20:44				X					X		X												X	
FW99F-022509	1.00	20:48				X					X		X												X	
FW21B-03-022509	1.00	20:52				X					X		X												X	
FW21B-04-022509	1.00	20:56				X					X		X												X	
CCV11	1.00	21:00				X					X		X												X	
CCB11	1.00	21:05				X					X		X												X	
FW21B-02-022609	1.00	21:09				X					X		X												X	
FW21B-01-022609	1.00	21:15				X					X		X												X	
FW11B-1-022509	1.00	21:19				X					X		X												X	
FW23B-1-022509	1.00	21:23				X					X		X												X	
FW23B-4-022509	1.00	21:28				X					X		X												X	
FW23B-4-022509S	1.00	21:32				X					X		X												X	
FW23B-4-022509SD	1.00	21:36				X					X		X												X	
FW23B-4-022509	5.00	21:43				X					X		X												X	
CCV12	1.00	21:47				X					X		X												X	
CCB12	1.00	21:51				X					X		X												X	
FW23B-3-022509	1.00	21:56				X					X														X	
FW23B-2-022509	1.00	22:00									X														X	
FW22B-1-022509	1.00	22:04				X					X														X	
FW22B-4-022509	1.00	22:08				X					X														X	
FW99E-022509	1.00	22:12									X														X	
FW22B-2-022509	1.00	22:16									X														X	
FW23B-2-022509	5.00	22:21				X																				
FW99E-022509	5.00	22:25				X																				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
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ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900963

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
FW22B-2-022509	5.00	22:29				X																								
CCV13	1.00	22:33				X					X															X				
CCB13	1.00	22:37				X					X															X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900963

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/25/2009 End Date: 3/25/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
blank	1.00	18:39											X														
cal blank	1.00	18:42											X														
cal std 1 25 ppb	1.00	18:46											X														
cal std 2 50ppb	1.00	18:50											X														
cal std 3 100ppb	1.00	18:54											X														
ICV	1.00	18:58											X														
ICB	1.00	19:01											X														
MRL	1.00	19:05											X														
ICSA	1.00	19:09											X														
ICSAB	1.00	19:13											X														
BR 1.0PPM	1.00	19:17											X														
Blank	1.00	19:21											X														
CCV1	1.00	19:26											X														
CCB1	1.00	19:29											X														
FW23B-3-022509	1.00	19:33											X														
FW23B-2-022509	1.00	19:37											X														
FW22B-1-022509	1.00	19:41											X														
FW22B-4-022509	1.00	19:48											X														
FW99E-022509	1.00	19:52											X														
FW22B-2-022509	1.00	19:56											X														
CCV2	1.00	20:11											X														
CCB2	1.00	20:15											X														

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900963
Date Collected : 02/25/09
Date Received : 02/26/09

Bromide

Analysis Method : 300.0
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
FW24B-03-022509	J0900963-001	0.4	0.043	1	03/16/09 12:05	4.1	
FW24B-04-022509	J0900963-002	0.8	0.086	2	03/16/09 12:05	15	
FW24B-01-022509	J0900963-004	0.8	0.086	2	03/16/09 12:05	15	
FW24B-02-022509	J0900963-005	0.4	0.043	1	03/16/09 12:05	8.2	
FW99F-022509	J0900963-006	0.4	0.043	1	03/16/09 12:05	8.4	
FW21B-03-022509	J0900963-007	0.4	0.043	1	03/16/09 12:05	U	
FW21B-04-022509	J0900963-008	0.4	0.043	1	03/16/09 12:05	0.53	
FW21B-02-022609	J0900963-009	0.4	0.043	1	03/16/09 12:05	U	
FW21B-01-022609	J0900963-010	0.4	0.043	1	03/16/09 12:05	U	
FW11B-1-022509	J0900963-011	0.4	0.043	1	03/16/09 12:05	0.50	
FW23B-1-022509	J0900963-012	0.4	0.043	1	03/16/09 12:05	0.29	x J
FW23B-4-022509	J0900963-013	0.4	0.043	1	03/16/09 12:05	U	
FW23B-3-022509	J0900963-014	0.4	0.043	1	03/16/09 12:05	U	
FW23B-2-022509	J0900963-015	0.4	0.043	1	03/16/09 12:05	U	
FW22B-1-022509	J0900963-016	0.4	0.043	1	03/16/09 12:05	U	
FW22B-4-022509	J0900963-017	0.4	0.043	1	03/16/09 12:05	U	
FW99E-022509	J0900963-018	0.4	0.043	1	03/16/09 12:05	U	
FW22B-2-022509	J0900963-019	0.4	0.043	1	03/16/09 12:05	0.33	x J
Method Blank	J0900963-MB	0.4	0.043	1	03/16/09 12:05	U	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900963
Date Collected : 02/25/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW24B-03-022509
Lab Code : J0900963-001DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	4.1	4.1	4.1	<1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900963
Date Collected : 02/25/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW24B-03-022509
Lab Code : J0900963-001MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	4.1	8.92	96	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900963
Date Collected : 02/25/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW23B-4-022509
Lab Code : J0900963-013DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	U	U	U	-	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900963
Date Collected : 02/25/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW23B-4-022509
Lab Code : J0900963-013MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	U	5.02	100	90-110	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0900963
Project Name :	Gainesville, FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/16/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0900963-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	5.04	101	90-110	

FTS, LLC

DATE: March 30, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Westbay GW

SAMPLE DELIVERY GROUP (SDG): J0900965

SAMPLES: FW19B-03-022409, FW19B-02-022409, FB19B-01-022409, EB02-022409, EB03-022509, FW23C-01-022509, FW23C-03-022509, FB03-022509, FW23C-02-022509, FW17B-1-022409, FW13B-3-022409, FW13B-4-022409, FW13B-2-022409, FW13B-1-022409, FW11B-4-022509, FB02-022409, MB-03-022409, FW11B-2-022509, FW11B-3-022509, Trip Blank-022409, FB04-022609

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved arsenic was detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Dissolved chromium was detected in the equipment blanks, field blanks, and the metals blank. See next page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The MS/MSD recoveries of ethylbenzene, toluene, m,p-xylenes, and o-xylene fell slightly below the control limits. The MS/MSD recovery of benzo(k)fluoranthene was above the control limits. The MS/MSD recovery of zinc fell below the control limits. No action was taken as the LCS recoveries were compliant.

□ Laboratory Control Sample
Noncompliances: The LCS recovery of benzo(b)fluoranthene fell below the control limits. No action was taken as the MS/MSD recovery was compliant.

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analytes were detected in the aqueous method blank at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Arsenic, dissolved	0.25 J ug/l	1.25 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Blank Contamination:

The following analyte was detected in the aqueous equipment blank, EB02-022409, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l

The following analyte was detected in the aqueous equipment blank, EB03-022509, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.5 J ug/l	7.5 ug/l

The following analyte was detected in the aqueous field blank, FB03-022509, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l

The following analyte was detected in the aqueous field blank, FB02-022409, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.1 J ug/l	5.5 ug/l

The following analyte was detected in the aqueous metals blank, MB-03-022409, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	6.2 ug/l	31 ug/l

The following analyte was detected in the aqueous field blank, FB04-022609, at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	0.9 J ug/l	4.5 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 30, 2009

Service Request No: J0900965

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

Laboratory Results for: Gainesville, FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on February 26, 2009. For your reference, these analyses have been assigned our service request number **J0900965**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

Page 1 of 740

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 740 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900965
Project:	Gainesville, FL	**Date Received:**	2/26/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

21 water samples were received for analysis at Columbia Analytical Services on 2/26/09. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°C upon receipt at the lab except for aqueous samples designated for metals analyses, which were stored at room temperature.

Volatile Organic Componnds by GC-MS

Matrix Spike Recovery Exceptions

The matrix spike recoveries of several analytes for sample FW19B-03-022409 were outside the control criterion. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. No further corrective action was appropriate.

Semivolatile Organics by GC-MS

Lab Control Sample Exceptions

The spike recovery of Benzo(b)fluoranthene for Laboratory Control Sample (LCS) JWG0900743-2 was outside the lower control criterion. The analyte in question was not detected in the associated field sample. The error associated with reduced recovery equates to a potential low bias. No further corrective action was required.

Matrix Spike Recovery Exceptions

The upper control criterion was exceeded for the following analyte in Matrix Spike (MS) FW19B-03-022409MS: Benzo(k)fluoranthene. The analyte in question was not detected in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data are not significantly affected. No further corrective action was appropriate.

Approved by Tom D. Hissing Date 3/30/09

Metals by ICP-MS

Matrix Spike Recovery Exceptions

The matrix spike recoveries of Zinc for sample FW19B-03-022409 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was appropriate.

Elevated Method Reporting Limits

The reporting limit is elevated for Arsenic in samples FW19B-02-022409, EB02-022409, EB03-022509, FW23C-01-022509,.FB03-022509, FW23C-02-022509, FW17B-1-022409, FW13B-3-022409,. FW13B-4-022409, FW13B-2-022409 FW13B-1-022409 and MB-03-02409. The sample extract was diluted due to high negative concentration.

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Tami D. Hissong Date 3/30/09

Client: Field and Technical Services, LLC
Project: Gainesville, FL/OM045009-091

Service Request: J0900965

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900965-001	FW19B-03-022409	2/24/09	15:00
J0900965-002	FW19B-02-022409	2/24/09	16:30
J0900965-003	FW19B-01-022409	2/24/09	17:10
J0900965-004	EB02-022409	2/24/09	18:00
J0900965-005	EB03-022509	2/25/09	09:00
J0900965-006	FW23C-01-022509	2/25/09	09:50
J0900965-007	FW23C-03-022509	2/25/09	10:30
J0900965-008	FB03-022509	2/25/09	10:50
J0900965-009	FW23C-02-022509	2/25/09	11:20
J0900965-010	FW17B-1-022409	2/24/09	13:40
J0900965-011	FW13B-3-022409	2/24/09	14:40
J0900965-012	FW13B-4-022409	2/24/09	15:10
J0900965-013	FW13B-2-022409	2/24/09	15:45
J0900965-014	FW13B-1-022409	2/24/09	16:25
J0900965-015	FW11B-4-022509	2/25/09	07:55
J0900965-016	FB02-022409	2/24/09	17:25
J0900965-017	MB-03-022409	2/24/09	18:10
J0900965-018	FW11B-2-022509	2/25/09	08:40
J0900965-019	FW11B-3-022509	2/25/09	09:20
J0900965-020	Trip Blank-022409	2/24/09	00:00
J0900965-021	FB04-022609	2/26/09	07:00

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.

Columbia Analytical Services™

Chain of Custody Documentation

9143 Philips Highway, Suite 200
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR # J09100965
CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: agatchie.2006@fts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX #: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number a[illegible])

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS; BTEX 8260B; SVOC's 8270C; Dissolved As, Cr, Fe, Cu 6020; Bromide 300.0

[redacted]

1. HCl
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX					
FW19B-03-022409-MS		2/24/09	1500	GW	7	3	2	1	1
FW19B-03-022409-MSD		2/24/09	1500	GW	7	3	2	1	1
FW19B-02-022409		2/24/09	1630	GW	7	3	2	1	1
FW19B-01-022409		2/24/09	1710	GW	7	3	2	1	1
EB02-022409		2/24/09	1800	DI	7	3	2	1	1
EB03-022509		2/25/09	0900	DI	7	3	2	1	1
FW23C-01-022509		2/25/09	0950	GW	7	3	2	1	1
FW23C-03-022509		2/25/09	1030	GW	7	3	2	1	1
FB03-022509		2/25/09	1050	DI	7	3	2	1	1
FW23C-02-022509		2/25/09	1120	GW	7	3	2	1	1

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

2/25/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name:	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2/25/09, 1910	Date/Time: 2-26-09 1254	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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PAGE 2 OF 3

SR # J0900965
CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: agatchie.2006@ftsi.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS | 8260 B | 8270C | Diss. MeHg | Br⁻ Bromide | [redacted]

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX					
FW 17B-1-022409		2-24-09	1340	GW	7	3	2	1	1
FW 13B-3-022409		2-24-09	1440	GW	7	3	2	1	1
FW 13B-4-022409		2-24-09	1510	GW	7	3	2	1	1
FW 13B-2-022409		2-24-09	1545	GW	7	3	2	1	1
FW 13B-1-022409		2-24-09	1625	GW	7	3	2	1	1
FW-11B-4-022509		2-25-09	0755	GW	7	3	2	1	1
FB-02-022409		2-24-09	1725	DI	7	3	2	1	1
MB-03-022409		2-24-09	1810	DI	1			1	
FW-11B-2-022509		2-25-09	0840	GW	7	3	2	1	1
FW-11B-3-022509		2-25-09	0920	GW	7	3	2	1	1

2/25/09

SPECIAL INSTRUCTIONS/COMMENTS

2/25/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Rory Hanczar	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FTS	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 2/25/09, 1900	Date/Time: 2-26-09 1254	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

JSCOC-06/20/08

Columbia Analytical Services™

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

www.caslab.com

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011 PAGE 3 OF 3

SR # JD900965

CAS Contact

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A Gatchie	Email Address: aggatchie.2006@fts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone#: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature: MM	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 2 0

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	BTEX 8260B	SVOCs 8270C	Dissolved As&Se by 6020	Bromide 300.0	REMARKS/ ALTERNATE DESCRIPTION
Tripblank-022409		2/24/09	—	DI	2	2				
FB04-022609		2/26/09	0700	DI	7	3	2	1	1	

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

MM 2/26/09

MM 2/26/09

MM 2/26/09

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice

MM 2/26/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: MM	Signature: [illegible]	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name: [illegible]	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2/26/09, 1930	Date/Time: 2-26-09 1954	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # J9900965

Project: Gainesville

Cooler received on 2-26-09 and opened on 2-26-09 by

COURIER: CAS UPS FEDEX DHL CLIENT Tracking # —

1	Were custody seals on outside of cooler?	Yes	No	N/A
2	Were seals intact, signed and dated?	Yes	No	N/A
3	Were custody papers properly filled out?	Yes	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C) 0.1/1.4	0.8	0.7	3.7
5	Correct Temperature?	Yes	No	N/A
6	Were Ice or Ice Packs present	Yes	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	Yes	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	Yes	No	N/A
9	Did all bottle labels and tags agree with custody papers?	Yes	No	N/A
10	Were the correct bottles used for the tests indicated?	Yes	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	Yes	No	N/A

HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2

Preservative additions noted below

12	Were all samples received within analysis holding times?	Yes	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	Yes	No	N/A
14	Where did the bottles originate?	CAS	Client	

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

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

Client approval to run samples if discrepancies noted: Date:

SR # : J 0900965 Date: 2-26-09 Initials: JMC

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

	Bottle Code																												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	40mL	40mL	40mL	40mL	125mL	125mL	125mL	125mL	250mL	250mL	250mL	250mL	250mL	250mL	250mL	500mL	500mL	500mL	1L	1L	1L	1L	1L	2oz	4oz	8oz	16oz	5g	100mL	Misc.
Container	G	G	G	G	P	P	P	P	P	P	P	P	P	G	G	P	P	P	P	P	G	G	G	G	G	G	G	ENC	P	Misc.
Pres		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-				-	-
001		6			2			2													4									
002		3			1			1													3									
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040																														

Columbia Analytical Services™

Summary Package

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
www.caslab.com

Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW19B-03-022409	J0900965-001	02/24/2009	02/26/2009
FW19B-02-022409	J0900965-002	02/24/2009	02/26/2009
FW19B-01-022409	J0900965-003	02/24/2009	02/26/2009
EB02-022409	J0900965-004	02/24/2009	02/26/2009
EB03-022509	J0900965-005	02/25/2009	02/26/2009
FW23C-01-022509	J0900965-006	02/25/2009	02/26/2009
FW23C-03-022509	J0900965-007	02/25/2009	02/26/2009
FB03-022509	J0900965-008	02/25/2009	02/26/2009
FW23C-02-022509	J0900965-009	02/25/2009	02/26/2009
FW17B-1-022409	J0900965-010	02/24/2009	02/26/2009
FW13B-3-022409	J0900965-011	02/24/2009	02/26/2009
FW13B-4-022409	J0900965-012	02/24/2009	02/26/2009
FW13B-2-022409	J0900965-013	02/24/2009	02/26/2009
FW13B-1-022409	J0900965-014	02/24/2009	02/26/2009
FW11B-4-022509	J0900965-015	02/25/2009	02/26/2009
FB02-022409	J0900965-016	02/24/2009	02/26/2009
FW11B-2-022509	J0900965-018	02/25/2009	02/26/2009
FW11B-3-022509	J0900965-019	02/25/2009	02/26/2009
Trip Blank-022409	J0900965-020	02/24/2009	02/26/2009
FB04-022609	J0900965-021	02/26/2009	02/26/2009
FW19B-03-022409MS	JWG0900726-1	02/24/2009	02/26/2009
FW19B-03-022409DMS	JWG0900726-2	02/24/2009	02/26/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Scott Allen Name: Scott Allen

Date: 3-3-09 Title: Scientist

p:\Stealth\Crystal.rpt\FormSSum.rpt SuperSet Reference: RR27386

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900965-001	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	102	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

DO NOT USE

data is presented in SDG J0900930

KC 4/6/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-02-022409	**Units:**	ug/L
Lab Code:	J0900965-002	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	91	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	112	75-120	03/02/09	Acceptable
Toluene-d8	102	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-01-022409	**Units:**	ug/L
Lab Code:	J0900965-003	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	90	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	94	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	EB02-022409	**Units:**	ug/L
Lab Code:	J0900965-004	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	90	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	94	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	EB03-022509	**Units:**	ug/L
Lab Code:	J0900965-005	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	90	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	107	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-01-022509	**Units:**	ug/L
Lab Code:	J0900965-006	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	91	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	118	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-03-022509	**Units:**	ug/L
Lab Code:	J0900965-007	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	91	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	116	75-120	03/02/09	Acceptable
Toluene-d8	102	88-117	03/02/09	Acceptable
Dibromofluoromethane	93	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FB03-022509	**Units:**	ug/L
Lab Code:	J0900965-008	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	89	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	106	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-02-022509	**Units:**	ug/L
Lab Code:	J0900965-009	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	87	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	91	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-1-022409	**Units:**	ug/L
Lab Code:	J0900965-010	**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	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	87	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	102	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-3-022409	**Units:**	ug/L
Lab Code:	J0900965-011	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	89	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	91	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-4-022409	**Units:**	ug/L
Lab Code:	J0900965-012	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	89	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/02/09	Acceptable
Toluene-d8	101	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-2-022409	**Units:**	ug/L
Lab Code:	J0900965-013	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	102	75-120	03/02/09	Acceptable
Toluene-d8	102	88-117	03/02/09	Acceptable
Dibromofluoromethane	91	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-1-022409	**Units:**	ug/L
Lab Code:	J0900965-014	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	99	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-4-022509	**Units:**	ug/L
Lab Code:	J0900965-015	**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	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/02/09	Acceptable
Toluene-d8	99	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FB02-022409	**Units:**	ug/L
Lab Code:	J0900965-016	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	87	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	100	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-2-022509	**Units:**	ug/L
Lab Code:	J0900965-018	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	106	75-120	03/02/09	Acceptable
Toluene-d8	102	88-117	03/02/09	Acceptable
Dibromofluoromethane	92	82-116	03/02/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-3-022509	**Units:**	ug/L
Lab Code:	J0900965-019	**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	0.52	1	03/03/09	03/03/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/03/09	03/03/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/03/09	03/03/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	89	71-122	03/03/09	Acceptable
4-Bromofluorobenzene	108	75-120	03/03/09	Acceptable
Toluene-d8	102	88-117	03/03/09	Acceptable
Dibromofluoromethane	91	82-116	03/03/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank-022409	**Units:**	ug/L
Lab Code:	J0900965-020	**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	0.52	1	03/03/09	03/03/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/03/09	03/03/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/03/09	03/03/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/03/09	Acceptable
4-Bromofluorobenzene	103	75-120	03/03/09	Acceptable
Toluene-d8	101	88-117	03/03/09	Acceptable
Dibromofluoromethane	91	82-116	03/03/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FB04-022609	**Units:**	ug/L
Lab Code:	J0900965-021	**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	0.52	1	03/03/09	03/03/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/03/09	03/03/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/03/09	03/03/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/03/09	03/03/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/03/09	Acceptable
4-Bromofluorobenzene	104	75-120	03/03/09	Acceptable
Toluene-d8	100	88-117	03/03/09	Acceptable
Dibromofluoromethane	90	82-116	03/03/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900726-4	**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	0.52	1	03/02/09	03/02/09	JWG0900726	
Toluene	ND	U	1.0	0.52	1	03/02/09	03/02/09	JWG0900726	
Ethylbenzene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	
m,p-Xylenes	ND	U	2.0	0.22	1	03/02/09	03/02/09	JWG0900726	
o-Xylene	ND	U	1.0	0.10	1	03/02/09	03/02/09	JWG0900726	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	03/02/09	Acceptable
4-Bromofluorobenzene	105	75-120	03/02/09	Acceptable
Toluene-d8	103	88-117	03/02/09	Acceptable
Dibromofluoromethane	93	82-116	03/02/09	Acceptable

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965

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
FW19B-03-022409	J0900965-001	88	104	102	92
FW19B-02-022409	J0900965-002	91	112	102	92
FW19B-01-022409	J0900965-003	90	105	101	94
EB02-022409	J0900965-004	90	104	101	94
EB03-022509	J0900965-005	90	107	101	92
FW23C-01-022509	J0900965-006	91	118	100	92
FW23C-03-022509	J0900965-007	91	116	102	93
FB03-022509	J0900965-008	89	106	101	92
FW23C-02-022509	J0900965-009	87	104	100	91
FW17B-1-022409	J0900965-010	87	102	101	92
FW13B-3-022409	J0900965-011	89	104	101	91
FW13B-4-022409	J0900965-012	89	103	101	92
FW13B-2-022409	J0900965-013	88	102	102	91
FW13B-1-022409	J0900965-014	88	105	99	92
FW11B-4-022509	J0900965-015	88	104	99	92
FB02-022409	J0900965-016	87	105	100	92
FW11B-2-022509	J0900965-018	88	106	102	92
FW11B-3-022509	J0900965-019	89	108	102	91
Trip Blank-022409	J0900965-020	88	103	101	91
FB04-022609	J0900965-021	88	104	100	90
Method Blank	JWG0900726-4	88	105	103	93
FW19B-03-022409MS	JWG0900726-1	90	109	100	91
FW19B-03-022409DMS	JWG0900726-2	87	110	100	93
Lab Control Sample	JWG0900726-3	90	103	105	93

Surrogate Recovery Control Limits (%)

Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/02/2009
Time Analyzed: 15:05

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C02.B\0
Instrument ID: MS52.i
Analysis Method: 8260B

Lab Code: JWG0900727-2
Analysis Lot: JWG0900727
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	137,285	11.38	145,668	8.95	338,699	5.61
	Upper Limit ==>	274,570	11.88	291,336	9.45	677,398	6.11
	Lower Limit ==>	68,643	10.88	72,834	8.45	169,350	5.11
	ICAL Result ==>	126,108	11.38	133,074	8.95	309,887	5.61
Associated Analyses							
Lab Control Sample	JWG0900726-3	138,870	11.38	139,976	8.95	335,757	5.61
Method Blank	JWG0900726-4	140,576	11.38	145,522	8.95	342,572	5.61
FW19B-03-022409	J0900965-001	141,839	11.38	147,108	8.95	344,000	5.61
FW19B-02-022409	J0900965-002	134,470	11.38	148,705	8.95	351,419	5.61
FW19B-01-022409	J0900965-003	142,490	11.38	149,124	8.95	347,347	5.61
EB02-022409	J0900965-004	145,647	11.38	149,809	8.95	349,435	5.61
EB03-022509	J0900965-005	138,183	11.38	147,790	8.95	344,062	5.61
FW23C-01-022509	J0900965-006	127,799	11.38	150,734	8.95	348,601	5.61
FW23C-03-022509	J0900965-007	128,082	11.38	146,880	8.95	346,996	5.61
FB03-022509	J0900965-008	140,796	11.38	147,679	8.95	349,778	5.61
FW23C-02-022509	J0900965-009	144,688	11.38	150,328	8.95	352,915	5.61
FW17B-1-022409	J0900965-010	146,912	11.38	150,035	8.95	352,105	5.61
FW13B-3-022409	J0900965-011	143,867	11.38	150,600	8.95	353,300	5.61
FW13B-4-022409	J0900965-012	146,455	11.38	150,229	8.95	349,035	5.61
FW13B-2-022409	J0900965-013	145,711	11.38	148,109	8.95	347,766	5.61
FW13B-1-022409	J0900965-014	143,908	11.38	152,147	8.95	350,545	5.61
FW11B-4-022509	J0900965-015	145,739	11.38	154,092	8.95	353,873	5.61
FB02-022409	J0900965-016	144,767	11.38	152,892	8.95	352,160	5.61
FW11B-2-022509	J0900965-018	142,834	11.38	150,138	8.95	355,981	5.61
FW11B-3-022509	J0900965-019	141,760	11.38	151,864	8.95	359,338	5.61
Trip Blank-022409	J0900965-020	147,253	11.38	150,674	8.95	353,940	5.61
FB04-022609	J0900965-021	145,388	11.38	150,775	8.95	351,040	5.61
FW19B-03-022409MS	JWG0900726-1	137,250	11.38	149,558	8.95	347,326	5.61
FW19B-03-022409DMS	JWG0900726-2	136,335	11.38	147,799	8.95	346,782	5.61

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/03/2009
Sample Matrix:	Water	**Date Analyzed:**	03/03/2009

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

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900965-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900726

Analyte Name	Sample Result	FW19B-03-022409MS JWG0900726-1 Matrix Spike			FW19B-03-022409DMS JWG0900726-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	17.3	20.0	86	17.0	20.0	85	78-123	2	30
Toluene	ND	17.2	20.0	86	17.0	20.0	85 *	86-119	1	30
Ethylbenzene	ND	16.3	20.0	82 *	16.5	20.0	83 *	87-122	1	30
m,p-Xylenes	ND	32.5	40.0	81 *	32.7	40.0	82	82-120	1	30
o-Xylene	ND	16.7	20.0	84 *	16.9	20.0	84 *	85-119	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009

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:	JWG0900726

	Lab Control Sample JWG0900726-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	18.9	20.0	95	79-119
Toluene	19.5	20.0	97	86-117
Ethylbenzene	19.2	20.0	96	90-118
m,p-Xylenes	38.0	40.0	95	86-121
o-Xylene	18.9	20.0	95	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009
		Time Analyzed:	16:25

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS52\DATA\MS529C02.B\0302-22.D
Lab Code:	JWG0900726-4	**Instrument ID:**	MS52.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900726

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900726-3	J:\MS52\DATA\MS529C02.B\0302-20.D	03/02/09	15:31
FW19B-03-022409	J0900965-001	J:\MS52\DATA\MS529C02.B\0302-23.D	03/02/09	16:51
FW19B-02-022409	J0900965-002	J:\MS52\DATA\MS529C02.B\0302-24.D	03/02/09	17:18
FW19B-01-022409	J0900965-003	J:\MS52\DATA\MS529C02.B\0302-25.D	03/02/09	17:44
EB02-022409	J0900965-004	J:\MS52\DATA\MS529C02.B\0302-26.D	03/02/09	18:11
EB03-022509	J0900965-005	J:\MS52\DATA\MS529C02.B\0302-27.D	03/02/09	18:37
FW23C-01-022509	J0900965-006	J:\MS52\DATA\MS529C02.B\0302-28.D	03/02/09	19:03
FW23C-03-022509	J0900965-007	J:\MS52\DATA\MS529C02.B\0302-29.D	03/02/09	19:30
FB03-022509	J0900965-008	J:\MS52\DATA\MS529C02.B\0302-30.D	03/02/09	19:56
FW23C-02-022509	J0900965-009	J:\MS52\DATA\MS529C02.B\0302-31.D	03/02/09	20:23
FW17B-1-022409	J0900965-010	J:\MS52\DATA\MS529C02.B\0302-32.D	03/02/09	20:49
FW13B-3-022409	J0900965-011	J:\MS52\DATA\MS529C02.B\0302-33.D	03/02/09	21:16
FW13B-4-022409	J0900965-012	J:\MS52\DATA\MS529C02.B\0302-34.D	03/02/09	21:43
FW13B-2-022409	J0900965-013	J:\MS52\DATA\MS529C02.B\0302-35.D	03/02/09	22:09
FW13B-1-022409	J0900965-014	J:\MS52\DATA\MS529C02.B\0302-36.D	03/02/09	22:36
FW11B-4-022509	J0900965-015	J:\MS52\DATA\MS529C02.B\0302-37.D	03/02/09	23:03
FB02-022409	J0900965-016	J:\MS52\DATA\MS529C02.B\0302-38.D	03/02/09	23:29
FW11B-2-022509	J0900965-018	J:\MS52\DATA\MS529C02.B\0302-39.D	03/02/09	23:56
FW11B-3-022509	J0900965-019	J:\MS52\DATA\MS529C02.B\0302-40.D	03/03/09	00:22
Trip Blank-022409	J0900965-020	J:\MS52\DATA\MS529C02.B\0302-41.D	03/03/09	00:49
FB04-022609	J0900965-021	J:\MS52\DATA\MS529C02.B\0302-42.D	03/03/09	01:15
FW19B-03-022409MS	JWG0900726-1	J:\MS52\DATA\MS529C02.B\0302-43.D	03/03/09	01:41
FW19B-03-022409DMS	JWG0900726-2	J:\MS52\DATA\MS529C02.B\0302-44.D	03/03/09	02:08

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/02/2009
Sample Matrix:	Water	**Date Analyzed:**	03/02/2009
		Time Analyzed:	15:31

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS52\DATA\MS529C02.B\0302-20.D
Lab Code:	JWG0900726-3	**Instrument ID:**	MS52.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900726

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900726-4	J:\MS52\DATA\MS529C02.B\0302-22.D	03/02/09	16:25
FW19B-03-022409	J0900965-001	J:\MS52\DATA\MS529C02.B\0302-23.D	03/02/09	16:51
FW19B-02-022409	J0900965-002	J:\MS52\DATA\MS529C02.B\0302-24.D	03/02/09	17:18
FW19B-01-022409	J0900965-003	J:\MS52\DATA\MS529C02.B\0302-25.D	03/02/09	17:44
EB02-022409	J0900965-004	J:\MS52\DATA\MS529C02.B\0302-26.D	03/02/09	18:11
EB03-022509	J0900965-005	J:\MS52\DATA\MS529C02.B\0302-27.D	03/02/09	18:37
FW23C-01-022509	J0900965-006	J:\MS52\DATA\MS529C02.B\0302-28.D	03/02/09	19:03
FW23C-03-022509	J0900965-007	J:\MS52\DATA\MS529C02.B\0302-29.D	03/02/09	19:30
FB03-022509	J0900965-008	J:\MS52\DATA\MS529C02.B\0302-30.D	03/02/09	19:56
FW23C-02-022509	J0900965-009	J:\MS52\DATA\MS529C02.B\0302-31.D	03/02/09	20:23
FW17B-1-022409	J0900965-010	J:\MS52\DATA\MS529C02.B\0302-32.D	03/02/09	20:49
FW13B-3-022409	J0900965-011	J:\MS52\DATA\MS529C02.B\0302-33.D	03/02/09	21:16
FW13B-4-022409	J0900965-012	J:\MS52\DATA\MS529C02.B\0302-34.D	03/02/09	21:43
FW13B-2-022409	J0900965-013	J:\MS52\DATA\MS529C02.B\0302-35.D	03/02/09	22:09
FW13B-1-022409	J0900965-014	J:\MS52\DATA\MS529C02.B\0302-36.D	03/02/09	22:36
FW11B-4-022509	J0900965-015	J:\MS52\DATA\MS529C02.B\0302-37.D	03/02/09	23:03
FB02-022409	J0900965-016	J:\MS52\DATA\MS529C02.B\0302-38.D	03/02/09	23:29
FW11B-2-022509	J0900965-018	J:\MS52\DATA\MS529C02.B\0302-39.D	03/02/09	23:56
FW11B-3-022509	J0900965-019	J:\MS52\DATA\MS529C02.B\0302-40.D	03/03/09	00:22
Trip Blank-022409	J0900965-020	J:\MS52\DATA\MS529C02.B\0302-41.D	03/03/09	00:49
FB04-022609	J0900965-021	J:\MS52\DATA\MS529C02.B\0302-42.D	03/03/09	01:15
FW19B-03-022409MS	JWG0900726-1	J:\MS52\DATA\MS529C02.B\0302-43.D	03/03/09	01:41
FW19B-03-022409DMS	JWG0900726-2	J:\MS52\DATA\MS529C02.B\0302-44.D	03/03/09	02:08

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/02/2009
Time Analyzed: 14:43

Tuue Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C02.B\0302-18.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900727

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	18.3	1099	PASS
75	95	30	60	48.2	2892	PASS
95	95	100	100	100.0	5996	PASS
96	95	5	9	6.4	386	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	77.5	4645	PASS
175	174	5	9	6.4	296	PASS
176	174	95	101	97.8	4541	PASS
177	176	5	9	5.7	257	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900727-2	J:\MS52\DATA\MS529C02.B\0302-1	03/02/2009	15:05	
Lab Control Sample	JWG0900726-3	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	15:31	
Method Blank	JWG0900726-4	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	16:25	
FW19B-03-022409	J0900965-001	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	16:51	
FW19B-02-022409	J0900965-002	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	17:18	
FW19B-01-022409	J0900965-003	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	17:44	
EB02-022409	J0900965-004	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	18:11	
EB03-022509	J0900965-005	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	18:37	
FW23C-01-022509	J0900965-006	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	19:03	
FW23C-03-022509	J0900965-007	J:\MS52\DATA\MS529C02.B\0302-2	03/02/2009	19:30	
FB03-022509	J0900965-008	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	19:56	
FW23C-02-022509	J0900965-009	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	20:23	
FW17B-1-022409	J0900965-010	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	20:49	
FW13B-3-022409	J0900965-011	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	21:16	
FW13B-4-022409	J0900965-012	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	21:43	
FW13B-2-022409	J0900965-013	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	22:09	
FW13B-1-022409	J0900965-014	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	22:36	
FW11B-4-022509	J0900965-015	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	23:03	
FB02-022409	J0900965-016	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	23:29	
FW11B-2-022509	J0900965-018	J:\MS52\DATA\MS529C02.B\0302-3	03/02/2009	23:56	
FW11B-3-022509	J0900965-019	J:\MS52\DATA\MS529C02.B\0302-4	03/03/2009	00:22	
Trip Blank-022409	J0900965-020	J:\MS52\DATA\MS529C02.B\0302-4	03/03/2009	00:49	
FB04-022609	J0900965-021	J:\MS52\DATA\MS529C02.B\0302-4	03/03/2009	01:15	
FW19B-03-022409MS	JWG0900726-1	J:\MS52\DATA\MS529C02.B\0302-4	03/03/2009	01:41	
FW19B-03-022409DMS	JWG0900726-2	J:\MS52\DATA\MS529C02.B\0302-4	03/03/2009	02:08	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737 **Column:** DB-VRX
Instrument ID: MS52.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	E	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
B	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	F	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
C	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	G	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
D	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	H	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.05	B	2.0	1.08	C	5.0	1.06	D	20	1.20	E	50	1.21
	F	100	1.15	G	150	1.17	H	200	1.15						
‡ Toluene	A	1.0	2.75	B	2.0	2.80	C	5.0	2.61	D	20	2.92	E	50	2.84
	F	100	2.68	G	150	2.57	H	200	2.41						
‡ Ethylbenzene	A	1.0	2.99	B	2.0	2.90	C	5.0	2.79	D	20	3.15	E	50	3.07
	F	100	2.93	G	150	2.79	H	200	2.64						
m,p-Xylenes	A	2.0	1.14	B	4.0	1.10	C	10	1.09	D	40	1.22	E	100	1.18
	F	200	1.12	G	300	1.09	H	400	1.04						
o-Xylene	A	1.0	2.45	B	2.0	2.43	C	5.0	2.44	D	20	2.58	E	50	2.50
	F	100	2.37	G	150	2.30	H	200	2.20						
1,2-Dichloroethane-d4							C	10	0.150	D	20	0.149	E	50	0.169
	F	100	0.167	G	150	0.168	H	200	0.167						
4-Bromofluorobenzene							C	10	0.798	D	20	0.832	E	50	0.899
	F	100	0.903	G	150	0.884	H	200	0.860						
Toluene-d8							C	10	2.10	D	20	2.03	E	50	2.23
	F	100	2.24	G	150	2.13	H	200	1.98						
Dibromofluoromethane							C	10	0.231	D	20	0.235	E	50	0.260
	F	100	0.268	G	150	0.269	H	200	0.266						
† Chlorobenzene	A	1.0	1.92	B	2.0	1.76	C	5.0	1.78	D	20	1.89	E	50	1.86
	F	100	1.78	G	150	1.72	H	200	1.64						
‡ Chloroform	A	1.0	0.466	B	2.0	0.457	C	5.0	0.459	D	20	0.538	E	50	0.529
	F	100	0.513	G	150	0.519	H	200	0.518						
† Chloromethane	A	1.0	0.484	B	2.0	0.476	C	5.0	0.474	D	20	0.582	E	50	0.557
	F	100	0.497	G	150	0.468	H	200	0.440						
‡ Vinyl Chloride	A	1.0	0.382	B	2.0	0.354	C	5.0	0.395	D	20	0.468	E	50	0.442
	F	100	0.413	G	150	0.406	H	200	0.399						
† Bromoform				B	2.0	0.315	C	5.0	0.364	D	20	0.402	E	50	0.435
	F	100	0.452	G	150	0.443	H	200	0.432						

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737 **Column:** DB-VRX
Instrument ID: MS52.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.531	B	2.0	0.507	C	5.0	0.521	D	20	0.614	E	50	0.608
	F	100	0.585	G	150	0.598	H	200	0.588						
‡ 1,1-Dichloroethene	A	1.0	0.392	B	2.0	0.432	C	5.0	0.434	D	20	0.531	E	50	0.522
	F	100	0.507	G	150	0.514	H	200	0.507						
‡ 1,2-Dichloropropane	A	1.0	0.278	B	2.0	0.287	C	5.0	0.289	D	20	0.337	E	50	0.333
	F	100	0.322	G	150	0.322	H	200	0.323						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.676	B	2.0	0.640	C	5.0	0.664	D	20	0.711	E	50	0.668
	F	100	0.646	G	150	0.624	H	200	0.604						

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737 **Column:** DB-VRX
Instrument ID: MS52.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	5.4		≤ 15	1.13		0.01
‡ Toluene	MS	AverageRF	% RSD	6.1		≤ 15	2.70		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	5.7		≤ 15	2.91		0.01
m,p-Xylenes	MS	AverageRF	% RSD	5.1		≤ 15	1.12		0.01
o-Xylene	MS	AverageRF	% RSD	4.9		≤ 15	2.41		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	5.9		≤ 15	0.162		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	4.8		≤ 15	0.863		
Toluene-d8	SURR	AverageRF	% RSD	4.9		≤ 15	2.12		
Dibromofluoromethane	SURR	AverageRF	% RSD	6.7		≤ 15	0.255		
† Chlorobenzene	MS	AverageRF	% RSD	5.2		≤ 15	1.79		0.3
‡ Chloroform	MS	AverageRF	% RSD	6.7		≤ 15	0.500		0.01
† Chloromethane	MS	AverageRF	% RSD	9.6		≤ 15	0.497		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	8.6		≤ 15	0.407		0.01
† Bromoform	MS	AverageRF	% RSD	12.3		≤ 15	0.406		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	7.5		≤ 15	0.569		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	10.9		≤ 15	0.480		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	7.4		≤ 15	0.311		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	5.0		≤ 15	0.654		0.3

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
ICAL Date: 01/29/2009
Date Analyzed: 01/29/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1737
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\0129-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	49	1.13	1.11	-2	NA	± 30 %	AverageRF
‡ Toluene	50	49	2.70	2.65	-2	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	49	2.91	2.82	-3	NA	± 30 %	AverageRF
m,p-Xylenes	100	97	1.12	1.09	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	2.41	2.31	-4	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.654	0.637	-3	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.569	0.560	-2	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	49	0.480	0.474	-1	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.311	0.315	1	NA	± 30 %	AverageRF
† Bromoform	50	51	0.406	0.417	3	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	1.79	1.72	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	49	0.500	0.490	-2	NA	± 30 %	AverageRF
† Chloromethane	50	49	0.497	0.485	-2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	48	0.407	0.389	-4	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **Date Analyzed:** 03/02/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard **ICAL Date:** 01/29/2009
Analysis Method: 8260B **ICAL ID:** CAL1737
Analysis Lot: JWG0900727
Units: ug/L
File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C02.B\0302-19.D **Column ID:** DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	53	0.01	1.13	1.19	5	NA	± 30 %	AverageRF
‡ Toluene	50	52	0.01	2.70	2.81	4	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	52	0.01	2.91	3.01	3	NA	± 20 %	AverageRF
m,p-Xylenes	100	100	0.01	1.12	1.14	2	NA	± 30 %	AverageRF
o-Xylene	50	50	0.01	2.41	2.40	0	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	44		0.162	0.143	-12	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	52		0.863	0.903	5	NA	± 30 %	AverageRF
Toluene-d8	50	51		2.12	2.14	1	NA	± 30 %	AverageRF
Dibromofluoromethane	50	46		0.255	0.236	-7	NA	± 30 %	AverageRF
† Chlorobenzene	50	50	0.3	1.79	1.80	1	NA	± 30 %	AverageRF
‡ Chloroform	50	52	0.01	0.500	0.516	3	NA	± 20 %	AverageRF
† Chloromethane	50	57	0.1	0.497	0.564	13	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	56	0.01	0.407	0.455	12	NA	± 20 %	AverageRF
† Bromoform	50	54	0.1	0.406	0.442	9	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	53	0.1	0.569	0.600	5	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	51	0.01	0.480	0.490	2	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	56	0.01	0.311	0.349	12	NA	± 20 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	56	0.3	0.654	0.731	12	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900727
Instrument ID: MS52.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0302-18.D	GC/MS Tuning - Bromofluorobenzene	JWG0900727-1	3/2/2009	14:43		3/2/2009	14:43
\0302-19.D	Continuing Calibration Verification	JWG0900727-2	3/2/2009	15:05		3/2/2009	15:05
\0302-20.D	Lab Control Sample	JWG0900726-3	3/2/2009	15:31		3/2/2009	15:31
\0302-22.D	Method Blank	JWG0900726-4	3/2/2009	16:25		3/2/2009	16:25
\0302-23.D	FW19B-03-022409	J0900965-001	3/2/2009	16:51		3/2/2009	16:51
\0302-24.D	FW19B-02-022409	J0900965-002	3/2/2009	17:18		3/2/2009	17:18
\0302-25.D	FW19B-01-022409	J0900965-003	3/2/2009	17:44		3/2/2009	17:44
\0302-26.D	EB02-022409	J0900965-004	3/2/2009	18:11		3/2/2009	18:11
\0302-27.D	EB03-022509	J0900965-005	3/2/2009	18:37		3/2/2009	18:37
\0302-28.D	FW23C-01-022509	J0900965-006	3/2/2009	19:03		3/2/2009	19:03
\0302-29.D	FW23C-03-022509	J0900965-007	3/2/2009	19:30		3/2/2009	19:30
\0302-30.D	FB03-022509	J0900965-008	3/2/2009	19:56		3/2/2009	19:56
\0302-31.D	FW23C-02-022509	J0900965-009	3/2/2009	20:23		3/2/2009	20:23
\0302-32.D	FW17B-1-022409	J0900965-010	3/2/2009	20:49		3/2/2009	20:49
\0302-33.D	FW13B-3-022409	J0900965-011	3/2/2009	21:16		3/2/2009	21:16
\0302-34.D	FW13B-4-022409	J0900965-012	3/2/2009	21:43		3/2/2009	21:43
\0302-35.D	FW13B-2-022409	J0900965-013	3/2/2009	22:09		3/2/2009	22:09
\0302-36.D	FW13B-1-022409	J0900965-014	3/2/2009	22:36		3/2/2009	22:36
\0302-37.D	FW11B-4-022509	J0900965-015	3/2/2009	23:03		3/2/2009	23:03
\0302-38.D	FB02-022409	J0900965-016	3/2/2009	23:29		3/2/2009	23:29
\0302-39.D	FW11B-2-022509	J0900965-018	3/2/2009	23:56		3/2/2009	23:56
\0302-40.D	FW11B-3-022509	J0900965-019	3/3/2009	00:22		3/3/2009	00:22
\0302-41.D	Trip Blank-022409	J0900965-020	3/3/2009	00:49		3/3/2009	00:49
\0302-42.D	FB04-022609	J0900965-021	3/3/2009	01:15		3/3/2009	01:15
\0302-43.D	FW19B-03-022409MS	JWG0900726-1	3/3/2009	01:41		3/3/2009	01:41
\0302-44.D	FW19B-03-022409DMS	JWG0900726-2	3/3/2009	02:08		3/3/2009	02:08

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Projeet: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Extracted: 03/02/2009

Extraction Prep Log
Volatile Organie Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900726
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW19B-03-022409	J0900965-001	02/24/09	02/26/09	5ml	5ml	NA	
FW19B-02-022409	J0900965-002	02/24/09	02/26/09	5ml	5ml	NA	
FW19B-01-022409	J0900965-003	02/24/09	02/26/09	5ml	5ml	NA	
EB02-022409	J0900965-004	02/24/09	02/26/09	5ml	5ml	NA	
EB03-022509	J0900965-005	02/25/09	02/26/09	5ml	5ml	NA	
FW23C-01-022509	J0900965-006	02/25/09	02/26/09	5ml	5ml	NA	
FW23C-03-022509	J0900965-007	02/25/09	02/26/09	5ml	5ml	NA	
FB03-022509	J0900965-008	02/25/09	02/26/09	5ml	5ml	NA	
FW23C-02-022509	J0900965-009	02/25/09	02/26/09	5ml	5ml	NA	
FW17B-1-022409	J0900965-010	02/24/09	02/26/09	5ml	5ml	NA	
FW13B-3-022409	J0900965-011	02/24/09	02/26/09	5ml	5ml	NA	
FW13B-4-022409	J0900965-012	02/24/09	02/26/09	5ml	5ml	NA	
FW13B-2-022409	J0900965-013	02/24/09	02/26/09	5ml	5ml	NA	
FW13B-1-022409	J0900965-014	02/24/09	02/26/09	5ml	5ml	NA	
FW11B-4-022509	J0900965-015	02/25/09	02/26/09	5ml	5ml	NA	
FB02-022409	J0900965-016	02/24/09	02/26/09	5ml	5ml	NA	
FW11B-2-022509	J0900965-018	02/25/09	02/26/09	5ml	5ml	NA	
FW11B-3-022509	J0900965-019	02/25/09	02/26/09	5ml	5ml	NA	
Trip Blank-022409	J0900965-020	02/24/09	02/26/09	5ml	5ml	NA	
FB04-022609	J0900965-021	02/26/09	02/26/09	5ml	5ml	NA	
Method Blank	JWG0900726-4	NA	NA	5ml	5ml	NA	
FW19B-03-022409MS	JWG0900726-1	02/24/09	02/26/09	5ml	5ml	NA	
FW19B-03-022409DMS	JWG0900726-2	02/24/09	02/26/09	5ml	5ml	NA	
Lab Control Sample	JWG0900726-3	NA	NA	5ml	5ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW19B-03-022409	J0900965-001	02/24/2009	02/26/2009
FW19B-02-022409	J0900965-002	02/24/2009	02/26/2009
FW19B-01-022409	J0900965-003	02/24/2009	02/26/2009
EB02-022409	J0900965-004	02/24/2009	02/26/2009
EB03-022509	J0900965-005	02/25/2009	02/26/2009
FW23C-01-022509	J0900965-006	02/25/2009	02/26/2009
FW23C-03-022509	J0900965-007	02/25/2009	02/26/2009
FB03-022509	J0900965-008	02/25/2009	02/26/2009
FW23C-02-022509	J0900965-009	02/25/2009	02/26/2009
FW17B-1-022409	J0900965-010	02/24/2009	02/26/2009
FW13B-3-022409	J0900965-011	02/24/2009	02/26/2009
FW13B-4-022409	J0900965-012	02/24/2009	02/26/2009
FW13B-2-022409	J0900965-013	02/24/2009	02/26/2009
FW13B-1-022409	J0900965-014	02/24/2009	02/26/2009
FW11B-4-022509	J0900965-015	02/25/2009	02/26/2009
FB02-022409	J0900965-016	02/24/2009	02/26/2009
FW11B-2-022509	J0900965-018	02/25/2009	02/26/2009
FW11B-3-022509	J0900965-019	02/25/2009	02/26/2009
FB04-022609	J0900965-021	02/26/2009	02/26/2009
FW19B-03-022409DMS	JWG0900743-3	02/24/2009	02/26/2009
FW19B-03-022409MS	JWG0900743-4	02/24/2009	02/26/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: William Mark

Date: 3/17/9 Title: Scientist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900965-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.45	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.3	0.68	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.3	0.82	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.3	0.62	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.3	0.93	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.71	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.3	0.74	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.3	0.75	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.3	0.70	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.3	0.89	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.3	0.91	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.3	0.67	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	02/27/09	03/16/09	JWG0900743	

DO NOT USE
data is presented in SDG J0900930
KC 4/6/09

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/24/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW19B-03-022409
Lab Code: J0900965-001

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/16/09	Acceptable
Phenol-d6	12	10-51	03/16/09	Acceptable
Nitrobenzene-d5	51	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	53	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/16/09	Acceptable
Terphenyl-d14	94	23-165	03/16/09	Acceptable

DO NOT USE

data is presented in SDG J0900930

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-02-022409	**Units:**	ug/L
Lab Code:	J0900965-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.2	0.66	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.2	0.80	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.2	0.82	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	**0.79**	J	5.2	0.77	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.2	0.60	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.2	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.2	0.82	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.2	0.91	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	21	0.70	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.2	0.73	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.2	0.74	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.2	0.77	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.2	0.69	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.2	0.87	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.2	0.89	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.2	0.90	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.2	0.90	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.2	0.65	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-02-022409	**Units:**	ug/L
Lab Code:	J0900965-002	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/16/09	Acceptable
Phenol-d6	15	10-51	03/16/09	Acceptable
Nitrobenzene-d5	66	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	64	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	96	30-143	03/16/09	Acceptable
Terphenyl-d14	91	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-01-022409	**Units:**	ug/L
Lab Code:	J0900965-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	**2.1**	J	5.9	1.2	1	02/27/09	03/16/09	JWG0900743	
Dihenzofuran	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW19B-01-022409	**Units:**	ug/L
Lab Code:	J0900965-003	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/16/09	Acceptable
Phenol-d6	17	10-51	03/16/09	Acceptable
Nitrobenzene-d5	69	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	70	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	100	30-143	03/16/09	Acceptable
Terphenyl-d14	93	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	EB02-022409	**Units:**	ug/L
Lab Code:	J0900965-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.46	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.4	0.69	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.4	0.83	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.4	0.85	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.4	0.80	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.4	0.63	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.4	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.4	0.85	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.4	0.95	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.73	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.4	0.76	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.4	0.77	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.4	0.80	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.4	0.71	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.4	0.91	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.4	0.93	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.4	0.94	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.4	0.94	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.4	0.68	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.4	0.67	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/24/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB02-022409
Lab Code: J0900965-004

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	03/16/09	Acceptable
Phenol-d6	17	10-51	03/16/09	Acceptable
Nitrobenzene-d5	65	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	92	30-143	03/16/09	Acceptable
Terphenyl-d14	95	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB03-022509
Lab Code: J0900965-005

Extraction Method: EPA 3510C
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	6.5	0.55	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	6.5	0.84	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	6.5	1.0	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	6.5	1.1	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	6.5	1.1	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	6.5	0.97	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	6.5	0.76	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	6.5	1.3	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	6.5	1.1	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	6.5	1.2	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	26	0.88	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	6.5	0.91	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	6.5	0.93	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	6.5	0.97	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	6.5	0.86	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	6.5	1.1	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	6.5	1.2	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	6.5	1.2	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	6.5	1.2	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	6.5	0.71	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	6.5	0.82	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.72	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	6.5	0.81	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	EB03-022509	**Units:**	ug/L
Lab Code:	J0900965-005	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	36	10-77	03/16/09	Acceptable
Phenol-d6	18	10-51	03/16/09	Acceptable
Nitrobenzene-d5	69	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	67	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	90	30-143	03/16/09	Acceptable
Terphenyl-d14	86	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-01-022509	**Units:**	ug/L
Lab Code:	J0900965-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.45	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.3	0.68	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.3	0.82	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.3	0.62	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.3	0.93	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.71	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.3	0.74	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.3	0.75	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.3	0.70	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.3	0.89	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.3	0.91	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.3	0.67	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-01-022509	**Units:**	ug/L
Lab Code:	J0900965-006	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/16/09	Acceptable
Phenol-d6	15	10-51	03/16/09	Acceptable
Nitrobenzene-d5	66	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	68	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/16/09	Acceptable
Terphenyl-d14	93	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/25/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW23C-03-022509
Lab Code: J0900965-007

Extraction Method: EPA 3510C
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	6.7	0.56	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	6.7	0.86	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	6.7	1.1	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	6.7	1.1	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	6.7	1.1	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	6.7	0.99	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	6.7	0.78	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	6.7	1.4	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	6.7	1.1	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	6.7	1.2	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	27	0.90	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	6.7	0.94	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	6.7	0.95	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	6.7	0.99	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	6.7	0.88	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	6.7	1.2	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	6.7	1.2	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	6.7	1.2	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	6.7	1.2	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	6.7	0.72	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	6.7	0.84	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	6.7	0.74	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	6.7	0.83	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	6.7	1.3	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-03-022509	**Units:**	ug/L
Lab Code:	J0900965-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/16/09	Acceptable
Phenol-d6	16	10-51	03/16/09	Acceptable
Nitrobenzene-d5	59	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	59	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	82	30-143	03/16/09	Acceptable
Terphenyl-d14	85	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB03-022509	**Units:**	ug/L
Lab Code:	J0900965-008	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.9	1.2	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB03-022509	**Units:**	ug/L
Lab Code:	J0900965-008	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/16/09	Acceptable
Phenol-d6	14	10-51	03/16/09	Acceptable
Nitrobenzene-d5	61	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	60	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	79	30-143	03/16/09	Acceptable
Terphenyl-d14	73	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-02-022509	**Units:**	ug/L
Lab Code:	J0900965-009	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.9	1.2	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.9	0.92	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW23C-02-022509	**Units:**	ug/L
Lab Code:	J0900965-009	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/16/09	Acceptable
Phenol-d6	13	10-51	03/16/09	Acceptable
Nitrobenzene-d5	55	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	54	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	84	30-143	03/16/09	Acceptable
Terphenyl-d14	85	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-1-022409	**Units:**	ug/L
Lab Code:	J0900965-010	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.0	0.50	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	6.0	0.77	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	6.0	0.92	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	6.0	0.95	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	6.0	0.95	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	6.0	0.89	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	6.0	0.70	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	6.0	1.2	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	6.0	0.95	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	6.0	1.1	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.80	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	6.0	0.84	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	6.0	0.85	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	6.0	0.89	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	6.0	0.79	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	6.0	1.0	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	6.0	1.1	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	6.0	1.1	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	6.0	1.1	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	6.0	0.65	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	6.0	0.75	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	6.0	0.66	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	6.0	0.74	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	6.0	1.1	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW17B-1-022409	**Units:**	ug/L
Lab Code:	J0900965-010	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	37	10-77	03/16/09	Acceptable
Phenol-d6	19	10-51	03/16/09	Acceptable
Nitrobenzene-d5	74	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	89	30-143	03/16/09	Acceptable
Terphenyl-d14	83	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/24/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW13B-3-022409
Lab Code: J0900965-011

Extraction Method: EPA 3510C
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	0.45	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.3	0.68	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.3	0.82	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.3	0.62	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.3	0.84	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.3	0.93	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.71	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.3	0.74	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.3	0.75	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.3	0.70	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.3	0.89	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.3	0.91	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.3	0.67	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-3-022409	**Units:**	ug/L
Lab Code:	J0900965-011	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	40	10-77	03/16/09	Acceptable
Phenol-d6	20	10-51	03/16/09	Acceptable
Nitrobenzene-d5	83	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	78	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	100	30-143	03/16/09	Acceptable
Terphenyl-d14	98	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-4-022409	**Units:**	ug/L
Lab Code:	J0900965-012	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.3	0.67	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.3	0.81	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.3	0.83	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.3	0.83	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.3	0.61	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.3	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.3	0.83	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.3	0.92	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	21	0.70	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.3	0.73	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.3	0.74	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.3	0.78	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.3	0.69	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.3	0.88	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.3	0.90	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.3	0.91	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.3	0.91	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.3	0.66	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-4-022409	**Units:**	ug/L
Lab Code:	J0900965-012	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/16/09	Acceptable
Phenol-d6	16	10-51	03/16/09	Acceptable
Nitrobenzene-d5	70	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	66	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/16/09	Acceptable
Terphenyl-d14	91	23-165	03/16/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-2-022409	**Units:**	ug/L
Lab Code:	J0900965-013	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	02/27/09	03/16/09	JWG0900743	
2-Methylphenol	ND	U	5.6	0.72	1	02/27/09	03/16/09	JWG0900743	
4-Methylphenol†	ND	U	5.6	0.86	1	02/27/09	03/16/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	02/27/09	03/16/09	JWG0900743	
Naphthalene	ND	U	5.6	0.88	1	02/27/09	03/16/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.6	0.83	1	02/27/09	03/16/09	JWG0900743	
Acenaphthylene	ND	U	5.6	0.65	1	02/27/09	03/16/09	JWG0900743	
Acenaphthene	ND	U	5.6	1.1	1	02/27/09	03/16/09	JWG0900743	
Dibenzofuran	ND	U	5.6	0.88	1	02/27/09	03/16/09	JWG0900743	
Fluorene	ND	U	5.6	0.98	1	02/27/09	03/16/09	JWG0900743	
Pentachlorophenol	ND	U	23	0.75	1	02/27/09	03/16/09	JWG0900743	
Phenanthrene	ND	U	5.6	0.78	1	02/27/09	03/16/09	JWG0900743	
Anthracene	ND	U	5.6	0.79	1	02/27/09	03/16/09	JWG0900743	
Carbazole	ND	U	5.6	0.83	1	02/27/09	03/16/09	JWG0900743	
Fluoranthene	ND	U	5.6	0.74	1	02/27/09	03/16/09	JWG0900743	
Pyrene	ND	U	5.6	0.94	1	02/27/09	03/16/09	JWG0900743	
Benz(a)anthracene	ND	U	5.6	0.96	1	02/27/09	03/16/09	JWG0900743	
Chrysene	ND	U	5.6	0.97	1	02/27/09	03/16/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.6	0.97	1	02/27/09	03/16/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	02/27/09	03/16/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.6	0.70	1	02/27/09	03/16/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	02/27/09	03/16/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	02/27/09	03/16/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	02/27/09	03/16/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-2-022409	**Units:**	ug/L
Lab Code:	J0900965-013	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	38	10-77	03/16/09	Acceptable
Phenol-d6	19	10-51	03/16/09	Acceptable
Nitrobenzene-d5	79	32-106	03/16/09	Acceptable
2-Fluorobiphenyl	75	30-102	03/16/09	Acceptable
2,4,6-Tribromophenol	105	30-143	03/16/09	Acceptable
Terphenyl-d14	94	23-165	03/16/09	Acceptable

† **Analyte Comments**

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

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW13B-1-022409	**Units:**	ug/L
Lab Code:	J0900965-014	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.50	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	5.9	0.76	1	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	5.9	0.91	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.9	0.93	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	5.9	0.93	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.9	0.88	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	5.9	0.69	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	5.9	1.2	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	5.9	0.93	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.79	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	5.9	0.83	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	5.9	0.84	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	5.9	0.88	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	5.9	0.78	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	5.9	0.99	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.64	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.9	0.75	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.65	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Collected: 02/24/2009
Date Received: 02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW13B-1-022409
Lab Code: J0900965-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/17/09	Acceptable
Phenol-d6	17	10-51	03/17/09	Acceptable
Nitrobenzene-d5	68	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	67	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/17/09	Acceptable
Terphenyl-d14	92	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-4-022509	**Units:**	ug/L
Lab Code:	J0900965-015	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.46	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	5.4	0.69	1	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	5.4	0.83	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	5.4	0.85	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.4	0.80	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	5.4	0.63	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	5.4	1.1	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	5.4	0.85	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	5.4	0.95	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.73	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	5.4	0.76	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	5.4	0.77	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	5.4	0.80	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	5.4	0.71	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	5.4	0.91	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	5.4	0.93	1	02/27/09	03/17/09	JWG0900743	
Chrysene	ND	U	5.4	0.94	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.4	0.94	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.4	0.68	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.4	0.67	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-4-022509	**Units:**	ug/L
Lab Code:	J0900965-015	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	36	10-77	03/17/09	Acceptable
Phenol-d6	19	10-51	03/17/09	Acceptable
Nitrobenzene-d5	73	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	96	30-143	03/17/09	Acceptable
Terphenyl-d14	93	23-165	03/17/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB02-022409	**Units:**	ug/L
Lab Code:	J0900965-016	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.1	0.52	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	6.1	0.79	1	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	6.1	0.94	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	6.1	0.97	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	6.1	0.97	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	6.1	0.91	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	6.1	0.71	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	6.1	1.3	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	6.1	0.97	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	6.1	1.1	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	25	0.82	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	6.1	0.86	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	6.1	0.87	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	6.1	0.91	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	6.1	0.81	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	6.1	1.1	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	6.1	1.1	1	02/27/09	03/17/09	JWG0900743	
Chrysene	ND	U	6.1	1.1	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	6.1	1.1	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	6.1	0.77	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.68	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	6.1	0.76	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	6.1	1.2	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/24/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB02-022409	**Units:**	ug/L
Lab Code:	J0900965-016	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	43	10-77	03/17/09	Acceptable
Phenol-d6	21	10-51	03/17/09	Acceptable
Nitrobenzene-d5	80	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	73	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/17/09	Acceptable
Terphenyl-d14	86	23-165	03/17/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-2-022509	**Units:**	ug/L
Lab Code:	J0900965-018	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.48	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	5.7	0.73	I	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	5.7	0.88	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.7	0.90	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	5.7	0.90	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.7	0.85	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	5.7	0.66	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	5.7	1.2	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	5.7	0.90	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	5.7	1.0	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	23	0.77	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	5.7	0.80	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	5.7	0.81	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	5.7	0.85	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	5.7	0.75	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	5.7	0.96	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	5.7	0.98	1	02/27/09	03/17/09	JWG0900743	
Chrysene	ND	U	5.7	0.99	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluorauthene	ND	UJ	5.7	0.99	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.7	0.62	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.7	0.72	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.63	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.7	0.71	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-2-022509	**Units:**	ug/L
Lab Code:	J0900965-018	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	35	10-77	03/17/09	Acceptable
Phenol-d6	18	10-51	03/17/09	Acceptable
Nitrobenzene-d5	70	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	99	30-143	03/17/09	Acceptable
Terphenyl-d14	94	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-3-022509	**Units:**	ug/L
Lab Code:	J0900965-019	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	5.5	0.71	1	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	5.5	0.85	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.5	0.87	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	5.5	0.87	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.5	0.82	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	5.5	0.64	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	5.5	1.1	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	5.5	0.87	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	5.5	0.97	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	22	0.74	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	5.5	0.77	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	5.5	0.79	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	5.5	0.82	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	5.5	0.73	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	5.5	0.93	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	5.5	0.95	1	02/27/09	03/17/09	JWG0900743	
Chryseue	ND	U	5.5	0.96	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.5	0.96	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.5	0.60	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.5	0.70	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.5	0.61	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.5	0.69	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.5	1.0	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/25/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW11B-3-022509	**Units:**	ug/L
Lab Code:	J0900965-019	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/17/09	Acceptable
Phenol-d6	16	10-51	03/17/09	Acceptable
Nitrobenzene-d5	63	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/17/09	Acceptable
Terphenyl-d14	82	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB04-022609	**Units:**	ug/L
Lab Code:	J0900965-021	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	02/27/09	03/17/09	JWG0900743	
2-Methylphenol	ND	U	5.9	0.75	1	02/27/09	03/17/09	JWG0900743	
4-Methylphenol†	ND	U	5.9	0.90	1	02/27/09	03/17/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	02/27/09	03/17/09	JWG0900743	
Naphthalene	ND	U	5.9	0.92	1	02/27/09	03/17/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.9	0.87	1	02/27/09	03/17/09	JWG0900743	
Acenaphthylene	ND	U	5.9	0.68	1	02/27/09	03/17/09	JWG0900743	
Acenaphthene	ND	U	5.9	1.2	1	02/27/09	03/17/09	JWG0900743	
Dibenzofuran	ND	U	5.9	0.92	1	02/27/09	03/17/09	JWG0900743	
Fluorene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	
Pentachlorophenol	ND	U	24	0.78	1	02/27/09	03/17/09	JWG0900743	
Phenanthrene	ND	U	5.9	0.82	1	02/27/09	03/17/09	JWG0900743	
Anthracene	ND	U	5.9	0.83	1	02/27/09	03/17/09	JWG0900743	
Carbazole	ND	U	5.9	0.87	1	02/27/09	03/17/09	JWG0900743	
Fluoranthene	ND	U	5.9	0.77	1	02/27/09	03/17/09	JWG0900743	
Pyrene	ND	U	5.9	0.98	1	02/27/09	03/17/09	JWG0900743	
Benz(a)anthracene	ND	U	5.9	1.0	1	02/27/09	03/17/09	JWG0900743	
Chrysene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	02/27/09	03/17/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.9	0.74	1	02/27/09	03/17/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	02/27/09	03/17/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	02/27/09	03/17/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	02/27/09	03/17/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/26/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB04-022609	**Units:**	ug/L
Lab Code:	J0900965-021	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	38	10-77	03/17/09	Acceptable
Phenol-d6	19	10-51	03/17/09	Acceptable
Nitrobenzene-d5	79	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	76	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	105	30-143	03/17/09	Acceptable
Terphenyl-d14	95	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900743-1	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.42	1	02/27/09	03/05/09	JWG0900743	
2-Methylphenol	ND	U	5.0	0.64	1	02/27/09	03/05/09	JWG0900743	
4-Methylphenol†	ND	U	5.0	0.77	1	02/27/09	03/05/09	JWG0900743	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900743	
Naphthalene	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900743	
2-Methylnaphthalene	ND	U	5.0	0.74	1	02/27/09	03/05/09	JWG0900743	
Acenaphthylene	ND	U	5.0	0.58	1	02/27/09	03/05/09	JWG0900743	
Acenaphthene	ND	U	5.0	0.99	1	02/27/09	03/05/09	JWG0900743	
Dibenzofuran	ND	U	5.0	0.79	1	02/27/09	03/05/09	JWG0900743	
Fluorene	ND	U	5.0	0.88	1	02/27/09	03/05/09	JWG0900743	
Pentachlorophenol	ND	U	20	0.67	1	02/27/09	03/05/09	JWG0900743	
Phenanthrene	ND	U	5.0	0.70	1	02/27/09	03/05/09	JWG0900743	
Anthracene	ND	U	5.0	0.71	1	02/27/09	03/05/09	JWG0900743	
Carbazole	ND	U	5.0	0.74	1	02/27/09	03/05/09	JWG0900743	
Fluoranthene	ND	U	5.0	0.66	1	02/27/09	03/05/09	JWG0900743	
Pyrene	ND	U	5.0	0.84	1	02/27/09	03/05/09	JWG0900743	
Benz(a)anthracene	ND	U	5.0	0.86	1	02/27/09	03/05/09	JWG0900743	
Chrysene	ND	U	5.0	0.87	1	02/27/09	03/05/09	JWG0900743	
Benzo(b)fluoranthene	ND	UJ	5.0	0.87	1	02/27/09	03/05/09	JWG0900743	J(3)
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	02/27/09	03/05/09	JWG0900743	
Benzo(a)pyrene	ND	U	5.0	0.63	1	02/27/09	03/05/09	JWG0900743	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	02/27/09	03/05/09	JWG0900743	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	02/27/09	03/05/09	JWG0900743	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	02/27/09	03/05/09	JWG0900743	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900743-1	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/05/09	Acceptable
Phenol-d6	16	10-51	03/05/09	Acceptable
Nitrobenzene-d5	63	32-106	03/05/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/05/09	Acceptable
2,4,6-Tribromophenol	83	30-143	03/05/09	Acceptable
Terphenyl-d14	92	23-165	03/05/09	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

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

Extraction Method: EPA 3510C **Uuits:** PERCENT
Analysis Method: 8270C **Level:** Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FW19B-03-022409	J0900965-001	24	12	51	53	86	94
FW19B-02-022409	J0900965-002	29	15	66	64	96	91
FW19B-01-022409	J0900965-003	33	17	69	70	100	93
EB02-022409	J0900965-004	34	17	65	65	92	95
EB03-022509	J0900965-005	36	18	69	67	90	86
FW23C-01-022509	J0900965-006	30	15	66	68	94	93
FW23C-03-022509	J0900965-007	30	16	59	59	82	85
FB03-022509	J0900965-008	29	14	61	60	79	73
FW23C-02-022509	J0900965-009	27	13	55	54	84	85
FW17B-1-022409	J0900965-010	37	19	74	69	89	83
FW13B-3-022409	J0900965-011	40	20	83	78	100	98
FW13B-4-022409	J0900965-012	32	16	70	66	94	91
FW13B-2-022409	J0900965-013	38	19	79	75	105	94
FW13B-1-022409	J0900965-014	33	17	68	67	94	92
FW11B-4-022509	J0900965-015	36	19	73	71	96	93
FB02-022409	J0900965-016	43	21	80	73	94	86
FW11B-2-022509	J0900965-018	35	18	70	71	99	94
FW11B-3-022509	J0900965-019	32	16	63	63	87	82
FB04-022609	J0900965-021	38	19	79	76	105	95
Method Blank	JWG0900743-1	33	16	63	62	83	92
FW19B-03-022409DMS	JWG0900743-3	37	20	74	68	106	87
FW19B-03-022409MS	JWG0900743-4	41	23	75	76	108	84
Lab Control Sample	JWG0900743-2	32	16	59	68	83	77

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-143
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/05/2009
Time Analyzed: 11:00

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900772-2
Analysis Lot: JWG0900772
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,131,966	4.85	3,780,325	5.97	2,387,573	8.17
	Upper Limit ==>	2,263,932	5.35	7,560,650	6.47	4,775,146	8.67
	Lower Limit ==>	565,983	4.35	1,890,163	5.47	1,193,787	7.67
	ICAL Result ==>	839,886	4.85	2,739,784	5.97	1,671,090	8.18
Associated Analyses							
Method Blank	JWG0900743-1	987,781	4.84	3,509,395	5.96	2,449,993	8.16
Lab Control Sample	JWG0900743-2	1,089,738	4.85	3,782,493	5.97	2,425,399	8.16

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/05/2009
Time Analyzed: 11:00

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\030
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900772-2
Analysis Lot: JWG0900772
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,230,555	10.37	2,559,249	14.60	1,983,632	16.74
	Upper Limit ==>	6,461,110	10.87	5,118,498	15.10	3,967,264	17.24
	Lower Limit ==>	1,615,278	9.87	1,279,625	14.10	991,816	16.24
	ICAL Result ==>	2,272,441	10.38	2,384,333	14.61	1,975,934	16.76
Associated Analyses							
Method Blank	JWG0900743-1	3,877,386	10.37	2,997,468	14.59	2,440,672	16.73
Lab Control Sample	JWG0900743-2	3,497,782	10.37	2,874,851	14.59	2,251,951	16.74

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/16/2009
		Time Analyzed:	10:19

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID:	\\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031	**Lab Code:**	JWG0900912-2
Instrument ID:	MS01.i	**Analysis Lot:**	JWG0900912
Analysis Method:	8270C	**Column :**	HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	1,128,392	7.59	3,673,350	9.48	2,432,979	12.91
	Upper Limit ==>	2,256,784	8.09	7,346,700	9.98	4,865,958	13.41
	Lower Limit ==>	564,196	7.09	1,836,675	8.98	1,216,490	12.41
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW19B-03-022409	J0900965-001	1,160,050	7.58	4,231,980	9.48	2,862,168	12.90
FW19B-03-022409MS	JWG0900743-4	950,235	7.60	3,320,148	9.49	2,219,341	12.92
FW19B-03-022409DMS	JWG0900743-3	785,492	7.60	2,791,023	9.50	1,938,008	12.92
FW19B-02-022409	J0900965-002	1,066,477	7.59	3,767,139	9.49	2,544,370	12.92
FW19B-01-022409	J0900965-003	1,029,414	7.59	3,650,270	9.49	2,416,309	12.91
EB02-022409	J0900965-004	991,987	7.59	3,541,469	9.49	2,409,579	12.91
EB03-022509	J0900965-005	1,016,338	7.59	3,553,727	9.48	2,467,394	12.92
FW23C-01-022509	J0900965-006	1,076,427	7.59	3,868,797	9.49	2,594,478	12.91
FW23C-03-022509	J0900965-007	1,116,959	7.59	3,908,143	9.49	2,560,849	12.91
FB03-022509	J0900965-008	1,200,305	7.59	4,192,814	9.48	2,836,790	12.91
FW23C-02-022509	J0900965-009	1,026,047	7.58	3,643,938	9.47	2,595,448	12.90

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009
Time Analyzed: 10:19

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900912-2
Analysis Lot: JWG0900912
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,958,612	16.19	3,108,856	21.84	3,129,333	24.15
	Upper Limit ==>	7,917,224	16.69	6,217,712	22.34	6,258,666	24.65
	Lower Limit ==>	1,979,306	15.69	1,554,428	21.34	1,564,667	23.65
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW19B-03-022409	J0900965-001	4,635,295	16.20	3,533,644	21.84	3,717,842	24.15
FW19B-03-022409MS	JWG0900743-4	3,565,583	16.20	2,713,194	21.86	2,655,623	24.16
FW19B-03-022409DMS	JWG0900743-3	3,015,953	16.21	2,363,140	21.85	2,122,756	24.15
FW19B-02-022409	J0900965-002	4,129,169	16.20	3,123,633	21.85	2,999,454	24.15
FW19B-01-022409	J0900965-003	3,952,927	16.20	2,989,244	21.84	2,935,620	24.15
EB02-022409	J0900965-004	3,989,932	16.20	3,251,863	21.84	3,060,246	24.16
EB03-022509	J0900965-005	3,975,581	16.20	3,169,023	21.85	2,959,783	24.15
FW23C-01-022509	J0900965-006	4,197,528	16.19	3,167,348	21.84	2,970,198	24.14
FW23C-03-022509	J0900965-007	4,142,070	16.19	3,270,125	21.84	3,143,374	24.14
FB03-022509	J0900965-008	4,606,306	16.19	3,639,640	21.84	3,478,864	24.15
FW23C-02-022509	J0900965-009	4,183,356	16.19	3,298,032	21.84	3,220,423	24.14

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009
Time Analyzed: 20:53

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900913-2
Analysis Lot: JWG0900913
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,073,711	7.59	3,553,214	9.48	2,316,046	12.91
	Upper Limit ==>	2,147,422	8.09	7,106,428	9.98	4,632,092	13.41
	Lower Limit ==>	536,856	7.09	1,776,607	8.98	1,158,023	12.41
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW17B-1-022409	J0900965-010	1,045,394	7.58	3,895,665	9.47	2,725,616	12.91
FW13B-3-022409	J0900965-011	1,013,620	7.59	3,790,535	9.48	2,642,796	12.91
FW13B-4-022409	J0900965-012	1,004,675	7.59	3,723,465	9.47	2,566,336	12.90
FW13B-2-022409	J0900965-013	1,070,788	7.59	3,919,047	9.48	2,653,244	12.91
FW13B-1-022409	J0900965-014	973,606	7.59	3,480,276	9.48	2,313,460	12.91
FW11B-4-022509	J0900965-015	961,338	7.58	3,510,005	9.47	2,371,944	12.91
FB02-022409	J0900965-016	801,576	7.59	2,835,015	9.48	2,033,461	12.91
FW11B-2-022509	J0900965-018	1,247,432	7.59	4,501,470	9.48	2,897,907	12.91
FW11B-3-022509	J0900965-019	1,005,262	7.58	3,566,570	9.48	2,297,231	12.90
FB04-022609	J0900965-021	964,362	7.58	3,339,354	9.49	2,187,365	12.91

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009
Time Analyzed: 20:53

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900913-2
Analysis Lot: JWG0900913
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,728,292	16.19	2,859,728	21.84	2,878,965	24.15
	Upper Limit ==>	7,456,584	16.69	5,719,456	22.34	5,757,930	24.65
	Lower Limit ==>	1,864,146	15.69	1,429,864	21.34	1,439,483	23.65
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW17B-1-022409	J0900965-010	4,441,119	16.19	3,360,256	21.84	3,314,674	24.14
FW13B-3-022409	J0900965-011	4,284,138	16.18	3,236,459	21.84	3,162,688	24.15
FW13B-4-022409	J0900965-012	4,152,404	16.19	3,124,080	21.84	3,092,242	24.14
FW13B-2-022409	J0900965-013	4,252,454	16.19	3,210,008	21.84	3,164,106	24.15
FW13B-1-022409	J0900965-014	3,723,583	16.18	2,725,852	21.84	2,810,071	24.15
FW11B-4-022509	J0900965-015	3,840,464	16.19	2,985,040	21.84	2,873,242	24.14
FB02-022409	J0900965-016	3,332,096	16.19	2,726,607	21.84	2,586,884	24.15
FW11B-2-022509	J0900965-018	4,718,628	16.20	3,565,738	21.84	3,525,596	24.15
FW11B-3-022509	J0900965-019	3,703,754	16.19	2,923,366	21.83	2,808,728	24.15
FB04-022609	J0900965-021	3,479,350	16.19	2,811,082	21.84	2,648,722	24.14

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	03/16/2009

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

Sample Name:	FW19B-03-022409	**Units:**	ug/L
Lab Code:	J0900965-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900743

Analyte Name	Sample Result	FW19B-03-022409MS JWG0900743-4 Matrix Spike			FW19B-03-022409DMS JWG0900743-3 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	ND	21.0	64.9	32	16.1	56.8	28	10-70	27	30
2-Methylphenol	ND	42.0	64.9	65	35.3	56.8	62	32-96	18	30
4-Methylphenol	ND	83.4	97.4	86	65.7	85.2	77	12-106	24	30
2,4-Dimethylphenol	ND	36.7	64.9	57	28.5	56.8	50	35-88	25	30
Naphthalene	ND	44.3	64.9	68	36.8	56.8	65	41-93	19	30
2-Methylnaphthalene	ND	51.7	64.9	80	42.3	56.8	74	48-91	20	30
Acenaphthylene	ND	49.6	64.9	76	37.9	56.8	67	46-95	27	30
Acenaphthene	ND	52.5	64.9	81	39.2	56.8	69	48-96	29	30
Dibenzofuran	ND	55.4	64.9	85	41.4	56.8	73	49-101	29	30
Fluorene	ND	57.4	64.9	88	44.0	56.8	78	54-95	26	30
Pentachlorophenol	ND	75.3	64.9	116	60.5	56.8	106	18-141	22	30
Phenanthrene	ND	59.6	64.9	92	47.1	56.8	83	49-95	23	30
Anthracene	ND	57.6	64.9	89	47.5	56.8	84	50-101	19	30
Carbazole	ND	60.8	64.9	94	50.7	56.8	89	52-126	18	30
Fluoranthene	ND	63.2	64.9	97	51.8	56.8	91	48-103	20	30
Pyrene	ND	58.6	64.9	90	45.5	56.8	80	49-103	25	30
Benz(a)anthracene	ND	61.7	64.9	95	50.3	56.8	89	40-104	20	30
Chrysene	ND	62.1	64.9	96	50.9	56.8	90	47-105	20	30
Benzo(b)fluoranthene	ND	58.9	64.9	91	55.6	56.8	98	54-105	6	30
Benzo(k)fluoranthene	ND	68.5	64.9	105 *	52.9	56.8	93	50-101	26	30
Benzo(a)pyrene	ND	54.2	64.9	84	46.1	56.8	81	48-100	16	30
Indeno(1,2,3-cd)pyrene	ND	68.0	64.9	105	57.3	56.8	101	50-115	17	30
Dibenz(a,h)anthracene	ND	67.7	64.9	104	58.2	56.8	102	44-124	15	30
Benzo(g,h,i)perylene	ND	64.6	64.9	100	54.2	56.8	95	51-114	18	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.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	03/05/2009

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

Extraction Method:	EPA 3510C	**Units:**	ug/L
Analysis Method:	8270C	**Basis:**	NA
		Level:	Low
		Extraction Lot:	JWG0900743

	Lab Control Sample JWG0900743-2 Lab Control Spike				
Analyte Name	**Result**	**Expected**	**%Rec**		**%Rec Limits**
Phenol	10.7	50.0	21		12-54
2-Methylphenol	24.9	50.0	50		21-100
4-Methylphenol	53.7	75.0	72		15-95
2,4-Dimethylphenol	24.8	50.0	50		38-110
Naphthalene	26.6	50.0	53		40-97
2-Methylnaphthalene	27.6	50.0	55		46-110
Acenaphthylene	32.1	50.0	64		45-99
Acenaphthene	33.7	50.0	67		42-106
Dibenzofuran	35.6	50.0	71		49-103
Fluorene	36.7	50.0	73		54-97
Pentachlorophenol	38.1	50.0	76		35-120
Phenanthrene	37.0	50.0	74		49-110
Anthracene	34.4	50.0	69		50-104
Carbazole	33.6	50.0	67		48-118
Fluoranthene	32.6	50.0	65		48-110
Pyrene	38.1	50.0	76		35-110
Benz(a)anthracene	37.0	50.0	74		42-114
Chrysene	31.7	50.0	63		50-113
Benzo(b)fluoranthene	26.1	50.0	52	*	56-110
Benzo(k)fluoranthene	34.7	50.0	69		48-110
Benzo(a)pyrene	27.2	50.0	54		46-110
Indeno(1,2,3-cd)pyrene	32.7	50.0	65		54-115
Dibenz(a,h)anthracene	30.8	50.0	62		51-125
Benzo(g,h,i)perylene	32.4	50.0	65		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.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	03/05/2009
		Time Analyzed:	12:31

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS019C05\0305-07.D
Lab Code:	JWG0900743-1	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900743

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900743-2	J:\MS01\DATA\MS019C05\0305-08.D	03/05/09	13:01
FW19B-03-022409	J0900965-001	J:\MS01\DATA\MS019C16\0316-08.D	03/16/09	13:33
FW19B-03-022409MS	JWG0900743-4	J:\MS01\DATA\MS019C16\0316-09.D	03/16/09	14:12
FW19B-03-022409DMS	JWG0900743-3	J:\MS01\DATA\MS019C16\0316-10.D	03/16/09	14:51
FW19B-02-022409	J0900965-002	J:\MS01\DATA\MS019C16\0316-11.D	03/16/09	15:30
FW19B-01-022409	J0900965-003	J:\MS01\DATA\MS019C16\0316-12.D	03/16/09	16:09
EB02-022409	J0900965-004	J:\MS01\DATA\MS019C16\0316-13.D	03/16/09	16:48
EB03-022509	J0900965-005	J:\MS01\DATA\MS019C16\0316-14.D	03/16/09	17:27
FW23C-01-022509	J0900965-006	J:\MS01\DATA\MS019C16\0316-15.D	03/16/09	18:06
FW23C-03-022509	J0900965-007	J:\MS01\DATA\MS019C16\0316-16.D	03/16/09	18:44
FB03-022509	J0900965-008	J:\MS01\DATA\MS019C16\0316-17.D	03/16/09	19:24
FW23C-02-022509	J0900965-009	J:\MS01\DATA\MS019C16\0316-18.D	03/16/09	20:03
FW17B-1-022409	J0900965-010	J:\MS01\DATA\MS019C16\0316-21.D	03/16/09	21:32
FW13B-3-022409	J0900965-011	J:\MS01\DATA\MS019C16\0316-22.D	03/16/09	22:11
FW13B-4-022409	J0900965-012	J:\MS01\DATA\MS019C16\0316-23.D	03/16/09	22:50
FW13B-2-022409	J0900965-013	J:\MS01\DATA\MS019C16\0316-24.D	03/16/09	23:29
FW13B-1-022409	J0900965-014	J:\MS01\DATA\MS019C16\0316-25.D	03/17/09	00:08
FW11B-4-022509	J0900965-015	J:\MS01\DATA\MS019C16\0316-26.D	03/17/09	00:47
FB02-022409	J0900965-016	J:\MS01\DATA\MS019C16\0316-27.D	03/17/09	01:25
FW11B-2-022509	J0900965-018	J:\MS01\DATA\MS019C16\0316-28.D	03/17/09	02:04
FW11B-3-022509	J0900965-019	J:\MS01\DATA\MS019C16\0316-29.D	03/17/09	02:43
FB04-022609	J0900965-021	J:\MS01\DATA\MS019C16\0316-30.D	03/17/09	03:22

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	02/27/2009
Sample Matrix:	Water	**Date Analyzed:**	03/05/2009
		Time Analyzed:	13:01

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

Sample Name:	Lab Control Sample	**File ID:**	J:\MS01\DATA\MS019C05\0305-08.D
Lab Code:	JWG0900743-2	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900743

This Lab Control Sample applies to tbe following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900743-1	J:\MS01\DATA\MS019C05\0305-07.D	03/05/09	12:31
FW19B-03-022409	J0900965-001	J:\MS01\DATA\MS019C16\0316-08.D	03/16/09	13:33
FW19B-03-022409MS	JWG0900743-4	J:\MS01\DATA\MS019C16\0316-09.D	03/16/09	14:12
FW19B-03-022409DMS	JWG0900743-3	J:\MS01\DATA\MS019C16\0316-10.D	03/16/09	14:51
FW19B-02-022409	J0900965-002	J:\MS01\DATA\MS019C16\0316-11.D	03/16/09	15:30
FW19B-01-022409	J0900965-003	J:\MS01\DATA\MS019C16\0316-12.D	03/16/09	16:09
EB02-022409	J0900965-004	J:\MS01\DATA\MS019C16\0316-13.D	03/16/09	16:48
EB03-022509	J0900965-005	J:\MS01\DATA\MS019C16\0316-14.D	03/16/09	17:27
FW23C-01-022509	J0900965-006	J:\MS01\DATA\MS019C16\0316-15.D	03/16/09	18:06
FW23C-03-022509	J0900965-007	J:\MS01\DATA\MS019C16\0316-16.D	03/16/09	18:44
FB03-022509	J0900965-008	J:\MS01\DATA\MS019C16\0316-17.D	03/16/09	19:24
FW23C-02-022509	J0900965-009	J:\MS01\DATA\MS019C16\0316-18.D	03/16/09	20:03
FW17B-1-022409	J0900965-010	J:\MS01\DATA\MS019C16\0316-21.D	03/16/09	21:32
FW13B-3-022409	J0900965-011	J:\MS01\DATA\MS019C16\0316-22.D	03/16/09	22:11
FW13B-4-022409	J0900965-012	J:\MS01\DATA\MS019C16\0316-23.D	03/16/09	22:50
FW13B-2-022409	J0900965-013	J:\MS01\DATA\MS019C16\0316-24.D	03/16/09	23:29
FW13B-1-022409	J0900965-014	J:\MS01\DATA\MS019C16\0316-25.D	03/17/09	00:08
FW11B-4-022509	J0900965-015	J:\MS01\DATA\MS019C16\0316-26.D	03/17/09	00:47
FB02-022409	J0900965-016	J:\MS01\DATA\MS019C16\0316-27.D	03/17/09	01:25
FW11B-2-022509	J0900965-018	J:\MS01\DATA\MS019C16\0316-28.D	03/17/09	02:04
FW11B-3-022509	J0900965-019	J:\MS01\DATA\MS019C16\0316-29.D	03/17/09	02:43
FB04-022609	J0900965-021	J:\MS01\DATA\MS019C16\0316-30.D	03/17/09	03:22

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/05/2009
Time Analyzed: 10:12

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\0305-03.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900772

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	34.6	70384	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	29.4	59680	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	40.1	81448	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	203264	PASS
199	198	5	9	5.9	11980	PASS
275	198	10	30	19.9	40368	PASS
365	198	1	100	2.3	4739	PASS
441	443	0	100	88.6	15192	PASS
442	198	40	200	46.9	95416	PASS
443	442	17	23	18.0	17152	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900772-2	J:\MS01\DATA\MS019C05\0305-04B	03/05/2009	11:00	
Method Blank	JWG0900743-1	J:\MS01\DATA\MS019C05\0305-07.	03/05/2009	12:31	
Lab Control Sample	JWG0900743-2	J:\MS01\DATA\MS019C05\0305-08.	03/05/2009	13:01	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009
Time Analyzed: 10:01

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-02.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900912

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	57.7	89544	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	49.7	77088	PASS
70	69	0	2	0.8	646	PASS
127	198	40	60	42.7	66280	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	155072	PASS
199	198	5	9	6.7	10452	PASS
275	198	10	30	21.3	32984	PASS
365	198	1	100	2.4	3747	PASS
441	443	0	100	85.0	14219	PASS
442	198	40	200	54.3	84232	PASS
443	442	17	23	19.9	16736	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900912-2	J:\MS01\DATA\MS019C16\0316-03.	03/16/2009	10:19	
FW19B-03-022409	J0900965-001	J:\MS01\DATA\MS019C16\0316-08.	03/16/2009	13:33	
FW19B-03-022409MS	JWG0900743-4	J:\MS01\DATA\MS019C16\0316-09.	03/16/2009	14:12	
FW19B-03-022409DMS	JWG0900743-3	J:\MS01\DATA\MS019C16\0316-10.	03/16/2009	14:51	
FW19B-02-022409	J0900965-002	J:\MS01\DATA\MS019C16\0316-11.	03/16/2009	15:30	
FW19B-01-022409	J0900965-003	J:\MS01\DATA\MS019C16\0316-12.	03/16/2009	16:09	
EB02-022409	J0900965-004	J:\MS01\DATA\MS019C16\0316-13.	03/16/2009	16:48	
EB03-022509	J0900965-005	J:\MS01\DATA\MS019C16\0316-14.	03/16/2009	17:27	
FW23C-01-022509	J0900965-006	J:\MS01\DATA\MS019C16\0316-15.	03/16/2009	18:06	
FW23C-03-022509	J0900965-007	J:\MS01\DATA\MS019C16\0316-16.	03/16/2009	18:44	
FB03-022509	J0900965-008	J:\MS01\DATA\MS019C16\0316-17.	03/16/2009	19:24	
FW23C-02-022509	J0900965-009	J:\MS01\DATA\MS019C16\0316-18.	03/16/2009	20:03	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009
Time Analyzed: 20:35

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-19B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900913

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	49.0	91168	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	47.1	87600	PASS
70	69	0	2	0.6	566	PASS
127	198	40	60	40.0	74448	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	186112	PASS
199	198	5	9	6.6	12232	PASS
275	198	10	30	22.3	41504	PASS
365	198	1	100	2.7	5117	PASS
441	443	0	100	89.6	20640	PASS
442	198	40	200	64.9	120856	PASS
443	442	17	23	19.1	23040	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900913-2	J:\MS01\DATA\MS019C16\0316-20.	03/16/2009	20:53	
FW17B-1-022409	J0900965-010	J:\MS01\DATA\MS019C16\0316-21.	03/16/2009	21:32	
FW13B-3-022409	J0900965-011	J:\MS01\DATA\MS019C16\0316-22.	03/16/2009	22:11	
FW13B-4-022409	J0900965-012	J:\MS01\DATA\MS019C16\0316-23.	03/16/2009	22:50	
FW13B-2-022409	J0900965-013	J:\MS01\DATA\MS019C16\0316-24.	03/16/2009	23:29	
FW13B-1-022409	J0900965-014	J:\MS01\DATA\MS019C16\0316-25.	03/17/2009	00:08	
FW11B-4-022509	J0900965-015	J:\MS01\DATA\MS019C16\0316-26.	03/17/2009	00:47	
FB02-022409	J0900965-016	J:\MS01\DATA\MS019C16\0316-27.	03/17/2009	01:25	
FW11B-2-022509	J0900965-018	J:\MS01\DATA\MS019C16\0316-28.	03/17/2009	02:04	
FW11B-3-022509	J0900965-019	J:\MS01\DATA\MS019C16\0316-29.	03/17/2009	02:43	
FB04-022609	J0900965-021	J:\MS01\DATA\MS019C16\0316-30.	03/17/2009	03:22	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773 **Column:** HP-5MS
Instrument ID: MS01.i

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.46	B	10	1.46	C	20	1.50	D	50	1.88	E	100	2.37
	F	200	2.08												
2-Methylphenol	A	5.0	1.23	B	10	1.15	C	20	1.16	D	50	1.31	E	100	1.52
	F	200	1.30												
4-Methylphenol	A	5.0	1.51	B	10	1.47	C	20	1.48	D	50	1.68	E	100	1.94
	F	200	1.70												
2,4-Dimethylphenol	A	5.0	0.349	B	10	0.336	C	20	0.352	D	50	0.412	E	100	0.407
	F	200	0.380												
Naphthalene	A	5.0	1.10	B	10	1.08	C	20	1.15	D	50	1.31	E	100	1.29
	F	200	1.03												
2-Methylnaphthalene	A	5.0	0.673	B	10	0.659	C	20	0.683	D	50	0.801	E	100	0.817
	F	200	0.794												
Acenaphthylene	A	5.0	1.76	B	10	1.76	C	20	1.86	D	50	2.25	E	100	2.18
	F	200	1.89												
‡ Acenaphthene	A	5.0	1.02	B	10	0.988	C	20	1.06	D	50	1.28	E	100	1.10
	F	200	0.992												
Dibenzofuran	A	5.0	1.58	B	10	1.51	C	20	1.60	D	50	1.87	E	100	1.71
	F	200	1.46												
Fluorene	A	5.0	1.29	B	10	1.28	C	20	1.36	D	50	1.55	E	100	1.47
	F	200	1.07												
‡ Pentachlorophenol	A	5.0	0.109	B	10	0.105	C	20	0.113	D	50	0.143	E	100	0.151
	F	200	0.163												
Phenanthrene	A	5.0	1.14	B	10	1.12	C	20	1.18	D	50	1.80	E	100	1.55
	F	200	1.30												
Anthracene	A	5.0	1.12	B	10	1.11	C	20	1.21	D	50	1.54	E	100	1.55
	F	200	1.15												
Carbazole	A	5.0	1.10	B	10	1.05	C	20	1.10	D	50	1.39	E	100	1.44
	F	200	1.26												

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

† **SPCC Compound** ‡ **CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	1.09	B	10	1.07	C	20	1.11	D	50	1.57	E	100	1.74
	F	200	1.38												
Pyrene	A	5.0	1.26	B	10	1.25	C	20	1.27	D	50	1.53	E	100	1.57
	F	200	1.41												
Benz(a)anthracene	A	5.0	1.04	B	10	1.04	C	20	1.13	D	50	1.59	E	100	1.39
	F	200	1.20												
Chrysene	A	5.0	0.993	B	10	0.983	C	20	1.04	D	50	1.29	E	100	1.39
	F	200	1.24												
Benzo(b)fluoranthene	A	5.0	0.875	B	10	0.920	C	20	1.14	D	50	1.40	E	100	2.07
	F	200	2.53												
Benzo(k)fluoranthene	A	5.0	1.38	B	10	1.31	C	20	1.28	D	50	1.88	E	100	1.92
‡ Benzo(a)pyrene	A	5.0	0.860	B	10	0.879	C	20	1.01	D	50	1.29	E	100	1.44
	F	200	1.46												
Indeno(1,2,3-cd)pyrene	A	5.0	0.992	B	10	1.00	C	20	1.12	D	50	1.38	E	100	1.55
	F	200	1.57												
Dibenz(a,h)anthracene	A	5.0	0.841	B	10	0.855	C	20	0.956	D	50	1.23	E	100	1.44
	F	200	1.42												
Benzo(g,h,i)perylene	A	5.0	0.875	B	10	0.860	C	20	0.924	D	50	1.08	E	100	1.13
	F	200	1.15												
2-Fluorophenol	A	5.0	1.44	B	10	1.38	C	20	1.39	D	50	1.56	E	100	1.75
	F	200	1.78												
Phenol-d6	A	5.0	1.67	B	10	1.60	C	20	1.66	D	50	1.99	E	100	2.34
	F	200	2.12												
Nitrobenzene-d5	A	5.0	0.275	B	10	0.266	C	20	0.290	D	50	0.359	E	100	0.432
	F	200	0.421												
2-Fluorobiphenyl	A	5.0	1.14	B	10	1.16	C	20	1.21	D	50	1.49	E	100	1.49
	F	200	1.45												
2,4,6-Tribromophenol	A	5.0	0.0747	B	10	0.0759	C	20	0.0769	D	50	0.0895	E	100	0.0884
	F	200	0.100												
Terphenyl-d14	A	5.0	0.672	B	10	0.654	C	20	0.694	D	50	0.848	E	100	0.965
	F	200	0.909												

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

† **SPCC Compound** ‡ **CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/03/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1773 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	21.4		≤30	1.79		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.6		≤30	1.28		0.01
4-Methylphenol	MS	AverageRF	% RSD	11.2		≤30	1.63		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	8.6		≤30	0.373		0.01
Naphthalene	MS	AverageRF	% RSD	9.7		≤30	1.16		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	9.9		≤30	0.738		0.01
Acenaphthylene	MS	AverageRF	% RSD	10.9		≤30	1.95		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	10.2		≤30	1.07		0.01
Dibenzofuran	MS	AverageRF	% RSD	9.1		≤30	1.62		0.01
Fluorene	MS	AverageRF	% RSD	12.7		≤30	1.34		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	19.0		≤30	0.131		0.01
Phenanthrene	MS	AverageRF	% RSD	20.2		≤30	1.35		0.01
Anthracene	MS	AverageRF	% RSD	16.3		≤30	1.28		0.01
Carbazole	MS	AverageRF	% RSD	13.4		≤30	1.22		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	21.5		≤30	1.32		0.01
Pyrene	MS	AverageRF	% RSD	10.5		≤30	1.38		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	17.8		≤30	1.23		0.01
Chrysene	MS	AverageRF	% RSD	15.1		≤30	1.16		0.01
Benzo(b)fluoranthene	MS	Quadratic	COD	0.999		≥0.990	1.49		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	20.4		≤30	1.55		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	23.6		≤30	1.16		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	20.9		≤30	1.27		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	24.6		≤30	1.12		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	13.2		≤30	1.00		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	11.4		≤30	1.55		0.01
Phenol-d6	SURR	AverageRF	% RSD	15.7		≤30	1.90		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	21.9		≤30	0.341		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	12.7		≤30	1.32		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	12.1		≤30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	16.9		≤30	0.790		0.01

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
ICAL Date: 03/03/2009
Date Analyzed: 03/03/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1773
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C03.curve\0303-12.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	1.79	1.68	-6	NA	± 30 %	AverageRF
2-Methylphenol	50	48	1.28	1.22	-4	NA	± 30 %	AverageRF
4-Methylphenol	50	49	1.63	1.59	-2	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	48	0.373	0.358	-4	NA	± 30 %	AverageRF
Naphthalene	50	47	1.16	1.10	-6	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	47	0.738	0.700	-5	NA	± 30 %	AverageRF
Acenaphthylene	50	48	1.95	1.86	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.07	1.09	1	NA	± 30 %	AverageRF
Dibenzofuran	50	51	1.62	1.64	1	NA	± 30 %	AverageRF
Fluorene	50	48	1.34	1.29	-3	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	46	0.131	0.119	-9	NA	± 30 %	AverageRF
Phenanthrene	50	56	1.35	1.51	12	NA	± 30 %	AverageRF
Anthracene	50	47	1.28	1.21	-5	NA	± 30 %	AverageRF
Carbazole	50	47	1.22	1.15	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	48	1.32	1.27	-4	NA	± 30 %	AverageRF
Pyrene	50	47	1.38	1.30	-6	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.23	1.26	2	NA	± 30 %	AverageRF
Chrysene	50	45	1.16	1.03	-11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	36	1.49	1.26	NA	-28	± 30 %	Quadratic
Benzo(k)fluoranthene	50	49	1.55	1.53	-1	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.16	1.13	-3	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	48	1.27	1.22	-4	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	47	1.12	1.06	-5	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	49	1.00	0.974	-3	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0932
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091 **ICAL Date:** 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779 **Column:** HP-5MS
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**ICAL Date:**	03/11/2009
		Date Analyzed:	03/11/2009

Second Sonrce Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type:	Internal Standard	**ICAL ID:**	CAL1779
Analysis Method:	8270C	**Units:**	ug/mL
File ID:	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D	**Column ID:**	HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/05/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/03/2009
ICAL ID: CAL1773
Analysis Lot: JWG0900772
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C05\0305-04B.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	0.01	1.79	1.96	10	NA	± 20 %	AverageRF
2-Methylphenol	50	54	0.01	1.28	1.38	8	NA	± 30 %	AverageRF
4-Methylphenol	50	56	0.01	1.63	1.83	12	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	54	0.01	0.373	0.399	7	NA	± 30 %	AverageRF
Naphthalene	50	54	0.01	1.16	1.25	8	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	53	0.01	0.738	0.783	6	NA	± 30 %	AverageRF
Acenaphthylene	50	53	0.01	1.95	2.08	7	NA	± 30 %	AverageRF
‡ Acenaphthene	50	56	0.01	1.07	1.20	12	NA	± 20 %	AverageRF
Dibenzofuran	50	57	0.01	1.62	1.84	14	NA	± 30 %	AverageRF
Fluorene	50	60	0.01	1.34	1.62	21	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	48	0.01	0.131	0.125	-4	NA	± 20 %	AverageRF
Phenanthrene	50	62	0.01	1.35	1.66	23	NA	± 30 %	AverageRF
Anthracene	50	54	0.01	1.28	1.37	8	NA	± 30 %	AverageRF
Carbazole	50	50	0.01	1.22	1.22	0	NA	± 30 %	AverageRF
‡ Fluoranthene	50	49	0.01	1.32	1.30	-2	NA	± 20 %	AverageRF
Pyrene	50	62	0.01	1.38	1.70	23	NA	± 30 %	AverageRF
Benz(a)anthracene	50	62	0.01	1.23	1.53	25	NA	± 30 %	AverageRF
Chrysene	50	50	0.01	1.16	1.17	1	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	44	0.01	1.49	1.55	NA	-12	± 30 %	Quadratic
Benzo(k)fluoranthene	50	46	0.01	1.55	1.43	-8	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	53	0.01	1.16	1.23	6	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	50	0.01	1.27	1.28	1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	50	0.01	1.12	1.13	1	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	51	0.01	1.00	1.02	1	NA	± 30 %	AverageRF
2-Fluorophenol	50	51	0.01	1.55	1.57	1	NA	± 30 %	AverageRF
Phenol-d6	50	54	0.01	1.90	2.05	8	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	53	0.01	0.341	0.360	6	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	54	0.01	1.32	1.43	8	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	53	0.01	0.0843	0.0888	5	NA	± 30 %	AverageRF
Terphenyl-d14	50	58	0.01	0.790	0.925	17	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965
Date Analyzed: 03/16/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900912
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-03.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	19	0.01	1.71	1.62	-5	NA	± 20 %	AverageRF
2-Methylphenol	20	19	0.01	0.930	0.895	-4	NA	± 30 %	AverageRF
4-Methylpbenol	20	18	0.01	1.23	1.14	-8	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.246	-3	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.916	0	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	20	0.01	0.593	0.595	0	NA	± 30 %	AverageRF
Acenaphthylene	20	19	0.01	1.67	1.62	-3	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.931	-2	NA	± 20 %	AverageRF
Dibenzofuran	20	22	0.01	1.51	1.65	9	NA	± 30 %	AverageRF
Fluorene	20	21	0.01	1.23	1.29	5	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	22	0.01	0.0921	0.104	NA	9	± 20 %	Linear
Phenanthrene	20	20	0.01	1.13	1.13	0	NA	± 30 %	AverageRF
Anthracene	20	20	0.01	1.07	1.07	0	NA	± 30 %	AverageRF
Carbazole	20	21	0.01	0.952	0.991	4	NA	± 30 %	AverageRF
‡ Fluoranthene	20	23	0.01	0.949	1.08	14	NA	± 20 %	AverageRF
Pyrene	20	19	0.01	1.41	1.35	-4	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	0.986	-1	NA	± 30 %	AverageRF
Chrysene	20	21	0.01	0.973	1.00	3	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	20	0.01	1.09	1.07	-2	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	22	0.01	1.23	1.34	9	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	20	0.01	0.896	0.882	-2	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	20	0.01	0.974	0.981	1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	20	0.01	0.811	0.830	2	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.810	-1	NA	± 30 %	AverageRF
2-Fluorophenol	20	20	0.01	1.07	1.06	-2	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.46	-3	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	20	0.01	0.349	0.345	-1	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.34	0	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0876	4	NA	± 30 %	AverageRF
Terphenyl-d14	20	19	0.01	0.756	0.711	-6	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Componnd

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client:	Beazer East, Inc.	**Service Request:**	J0900965
Project:	Gainesville, FL/OM045009-091	**Date Analyzed:**	03/16/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type:	Internal Standard	**ICAL Date:**	03/11/2009
Analysis Method:	8270C	**ICAL ID:**	CAL1779
		Analysis Lot:	JWG0900913
		Units:	ug/mL
File ID:	\\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-20.D	**Column ID:**	HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	18	0.01	1.71	1.57	-9	NA	± 20 %	AverageRF
2-Methylphenol	20	19	0.01	0.930	0.900	-3	NA	± 30 %	AverageRF
4-Methylphenol	20	19	0.01	1.23	1.15	-6	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.242	-4	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.909	-1	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.576	-3	NA	± 30 %	AverageRF
Acenaphthylene	20	19	0.01	1.67	1.61	-4	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.929	-2	NA	± 20 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.59	5	NA	± 30 %	AverageRF
Fluorene	20	20	0.01	1.23	1.25	2	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	22	0.01	0.0921	0.105	NA	11	± 20 %	Linear
Phenanthrene	20	19	0.01	1.13	1.08	-4	NA	± 30 %	AverageRF
Anthracene	20	21	0.01	1.07	1.13	5	NA	± 30 %	AverageRF
Carbazole	20	20	0.01	0.952	0.944	-1	NA	± 30 %	AverageRF
‡ Fluoranthene	20	21	0.01	0.949	0.987	4	NA	± 20 %	AverageRF
Pyrene	20	18	0.01	1.41	1.28	-9	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	1.01	2	NA	± 30 %	AverageRF
Chrysene	20	20	0.01	0.973	0.961	-1	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	17	0.01	1.09	0.924	-15	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	21	0.01	1.23	1.26	3	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	21	0.01	0.896	0.950	6	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	21	0.01	0.974	1.00	3	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	21	0.01	0.811	0.840	4	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.827	1	NA	± 30 %	AverageRF
2-Fluorophenol	20	19	0.01	1.07	1.04	-3	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.43	-5	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	19	0.01	0.349	0.331	-5	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.31	-2	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0875	4	NA	± 30 %	AverageRF
Terphenyl-d14	20	19	0.01	0.756	0.708	-6	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900772
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0305-03.D	GC/MS Tuning - Generic	JWG0900772-1	3/5/2009	10:12		3/5/2009	10:12
0305-04B.D	Continuing Calibration Verification	JWG0900772-2	3/5/2009	11:00		3/5/2009	11:00
\0305-05.D	ZZZZZZ	ZZZZZZ	3/5/2009	11:30		3/5/2009	11:30
\0305-06.D	ZZZZZZ	ZZZZZZ	3/5/2009	12:00		3/5/2009	12:00
\0305-07.D	Method Blank	JWG0900743-1	3/5/2009	12:31		3/5/2009	12:31
\0305-08.D	Lab Control Sample	JWG0900743-2	3/5/2009	13:01		3/5/2009	13:01
\0305-10.D	ZZZZZZ	ZZZZZZ	3/5/2009	14:01		3/5/2009	14:01
\0305-11.D	ZZZZZZ	ZZZZZZ	3/5/2009	14:31		3/5/2009	14:31
\0305-12.D	ZZZZZZ	ZZZZZZ	3/5/2009	15:02		3/5/2009	15:02
\0305-13.D	ZZZZZZ	ZZZZZZ	3/5/2009	15:32		3/5/2009	15:32
\0305-14.D	ZZZZZZ	ZZZZZZ	3/5/2009	16:02		3/5/2009	16:02
\0305-15.D	ZZZZZZ	ZZZZZZ	3/5/2009	16:33		3/5/2009	16:33
\0305-16.D	ZZZZZZ	ZZZZZZ	3/5/2009	17:03		3/5/2009	17:03
\0305-17.D	ZZZZZZ	ZZZZZZ	3/5/2009	17:33		3/5/2009	17:33
\0305-18.D	ZZZZZZ	ZZZZZZ	3/5/2009	18:02		3/5/2009	18:02
\0305-19.D	ZZZZZZ	ZZZZZZ	3/5/2009	18:32		3/5/2009	18:32

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Client: Beazer East, Inc. **Service Request:** J0900965
Project: Gainesville, FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900912
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0316-09.D	FW19B-03-022409MS	JWG0900743-4	3/16/2009	14:12		3/16/2009	14:12
\0316-10.D	FW19B-03-022409DMS	JWG0900743-3	3/16/2009	14:51		3/16/2009	14:51
\0316-11.D	FW19B-02-022409	J0900965-002	3/16/2009	15:30		3/16/2009	15:30
\0316-12.D	FW19B-01-022409	J0900965-003	3/16/2009	16:09		3/16/2009	16:09
\0316-13.D	EB02-022409	J0900965-004	3/16/2009	16:48		3/16/2009	16:48
\0316-14.D	EB03-022509	J0900965-005	3/16/2009	17:27		3/16/2009	17:27
\0316-15.D	FW23C-01-022509	J0900965-006	3/16/2009	18:06		3/16/2009	18:06
\0316-02.D	GC/MS Tuning - Generic	JWG0900912-1	3/16/2009	10:01		3/16/2009	10:01
\0316-03.D	Continuing Calibration Verification	JWG0900912-2	3/16/2009	10:19		3/16/2009	10:19
\0316-04.D	ZZZZZZ	ZZZZZZ	3/16/2009	10:58		3/16/2009	10:58
\0316-05.D	ZZZZZZ	ZZZZZZ	3/16/2009	11:36		3/16/2009	11:36
\0316-06.D	ZZZZZZ	ZZZZZZ	3/16/2009	12:15		3/16/2009	12:15
\0316-07.D	ZZZZZZ	ZZZZZZ	3/16/2009	12:54		3/16/2009	12:54
\0316-08.D	FW19B-03-022409	J0900965-001	3/16/2009	13:33		3/16/2009	13:33
\0316-16.D	FW23C-03-022509	J0900965-007	3/16/2009	18:44		3/16/2009	18:44
\0316-17.D	FB03-022509	J0900965-008	3/16/2009	19:24		3/16/2009	19:24
\0316-18.D	FW23C-02-022509	J0900965-009	3/16/2009	20:03		3/16/2009	20:03

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900965

Analysis Run Log
Semi-Volatile Organic Componnds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900913
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0316-19B.D	GC/MS Tuning - Generic	JWG0900913-1	3/16/2009	20:35		3/16/2009	20:35
\0316-20.D	Continuing Calibration Verification	JWG0900913-2	3/16/2009	20:53		3/16/2009	20:53
\0316-21.D	FW17B-1-022409	J0900965-010	3/16/2009	21:32		3/16/2009	21:32
\0316-22.D	FW13B-3-022409	J0900965-011	3/16/2009	22:11		3/16/2009	22:11
\0316-23.D	FW13B-4-022409	J0900965-012	3/16/2009	22:50		3/16/2009	22:50
\0316-24.D	FW13B-2-022409	J0900965-013	3/16/2009	23:29		3/16/2009	23:29
\0316-25.D	FW13B-1-022409	J0900965-014	3/17/2009	00:08		3/17/2009	00:08
\0316-26.D	FW11B-4-022509	J0900965-015	3/17/2009	00:47		3/17/2009	00:47
\0316-27.D	FB02-022409	J0900965-016	3/17/2009	01:25		3/17/2009	01:25
\0316-28.D	FW11B-2-022509	J0900965-018	3/17/2009	02:04		3/17/2009	02:04
\0316-29.D	FW11B-3-022509	J0900965-019	3/17/2009	02:43		3/17/2009	02:43
\0316-30.D	FB04-022609	J0900965-021	3/17/2009	03:22		3/17/2009	03:22
\0316-31.D	ZZZZZZ	ZZZZZZ	3/17/2009	04:01		3/17/2009	04:01
\0316-32.D	ZZZZZZ	ZZZZZZ	3/17/2009	04:40		3/17/2009	04:40
\0316-33.D	ZZZZZZ	ZZZZZZ	3/17/2009	05:18		3/17/2009	05:18
\0316-34.D	ZZZZZZ	ZZZZZZ	3/17/2009	05:56		3/17/2009	05:56
\0316-35.D	ZZZZZZ	ZZZZZZ	3/17/2009	06:34		3/17/2009	06:34
\0316-36.D	ZZZZZZ	ZZZZZZ	3/17/2009	07:13		3/17/2009	07:13
\0316-37.D	ZZZZZZ	ZZZZZZ	3/17/2009	07:51		3/17/2009	07:51
\0316-38.D	ZZZZZZ	ZZZZZZ	3/17/2009	08:30		3/17/2009	08:30

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900965
Date Extracted: 02/27/2009

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0900743
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW19B-03-022409	J0900965-001	02/24/09	02/26/09	950ml	1.0ml	NA	
FW19B-02-022409	J0900965-002	02/24/09	02/26/09	970ml	1.0ml	NA	
FW19B-01-022409	J0900965-003	02/24/09	02/26/09	860ml	1.0ml	NA	
EB02-022409	J0900965-004	02/24/09	02/26/09	930ml	1.0ml	NA	
EB03-022509	J0900965-005	02/25/09	02/26/09	770ml	1.0ml	NA	
FW23C-01-022509	J0900965-006	02/25/09	02/26/09	950ml	1.0ml	NA	
FW23C-03-022509	J0900965-007	02/25/09	02/26/09	750ml	1.0ml	NA	
FB03-022509	J0900965-008	02/25/09	02/26/09	860ml	1.0ml	NA	
FW23C-02-022509	J0900965-009	02/25/09	02/26/09	860ml	1.0ml	NA	
FW17B-1-022409	J0900965-010	02/24/09	02/26/09	840ml	1.0ml	NA	
FW13B-3-022409	J0900965-011	02/24/09	02/26/09	950ml	1.0ml	NA	
FW13B-4-022409	J0900965-012	02/24/09	02/26/09	960ml	1.0ml	NA	
FW13B-2-022409	J0900965-013	02/24/09	02/26/09	900ml	1.0ml	NA	
FW13B-1-022409	J0900965-014	02/24/09	02/26/09	850ml	1.0ml	NA	
FW11B-4-022509	J0900965-015	02/25/09	02/26/09	930ml	1.0ml	NA	
FB02-022409	J0900965-016	02/24/09	02/26/09	820ml	1.0ml	NA	
FW11B-2-022509	J0900965-018	02/25/09	02/26/09	880ml	1.0ml	NA	
FW11B-3-022509	J0900965-019	02/25/09	02/26/09	910ml	1.0ml	NA	
FB04-022609	J0900965-021	02/26/09	02/26/09	860ml	1.0ml	NA	
Method Blank	JWG0900743-1	NA	NA	1000ml	1.0ml	NA	
FW19B-03-022409DMS	JWG0900743-3	02/24/09	02/26/09	880ml	1.0ml	NA	
FW19B-03-022409MS	JWG0900743-4	02/24/09	02/26/09	770ml	1.0ml	NA	
Lab Control Sample	JWG0900743-2	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J0900965

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
FW19B-03-022409	J0900965-001
FW19B-03-022409S	J0900965-001S
FW19B-03-022409SD	J0900965-001SD
FW19B-02-022409	J0900965-002
FW19B-01-022409	J0900965-003
EB02-022409	J0900965-004
EB03-022509	J0900965-005
FW23C-01-022509	J0900965-006
FW23C-03-022509	J0900965-007
FB03-022509	J0900965-008
FW23C-02-022509	J0900965-009
FW17B-1-022409	J0900965-010
FW13B-3-022409	J0900965-011
FW13B-3-022409S	J0900965-011S
FW13B-3-022409SD	J0900965-011SD
FW13B-4-022409	J0900965-012
FW13B-2-022409	J0900965-013
FW13B-1-022409	J0900965-014
FW11B-4-022509	J0900965-015
FB02-022409	J0900965-016
MB-03-022409	J0900965-017
FW11B-2-022509	J0900965-018
FW11B-3-022509	J0900965-019
FB04-022609	J0900965-021

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner Name: Barbara Scribner

Date: 3/27/09 Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW19B-03-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-001

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.21	U	~~J~~ U	MS
7440-47-3	Chromium	1.3	U	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	31		J	MS

DO NOT USE
data is presented in SDG J0900930
KC 4/6/2009

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW19B-02-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-002

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.3	~~U~~	JB	MS
7440-50-8	Copper	0.6	~~U~~	J	MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW19B-01-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-003

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.8			MS
7440-47-3	Chromium	1.0	i	JB	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	48		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB02-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-004

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.2	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB03-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-005

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.5	~~U~~	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23C-01-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-006

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.3	U	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23C-03-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-007

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	U	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB03-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-008

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.2	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW23C-02-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-009

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.3	~~i~~	J	MS
7440-47-3	Chromium	1.1	~~i~~	JB	MS
7440-50-8	Copper	0.5	~~i~~	J	MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW17B-1-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-010

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.4	~~U~~	JB	MS
7440-50-8	Copper	0.3	~~U~~	J	MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW13B-3-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-011

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.4		J	MS
7440-47-3	Chromium	1.2		JB	MS
7440-50-8	Copper	0.4		J	MS
7440-66-6	Zinc	5.4		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW13B-4-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-012

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.0	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW13B-2-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-013

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.1	J	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW13B-1-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-014

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	1.1	~~U~~	JB	MS
7440-50-8	Copper	0.3	~~U~~	J	MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-I-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW11B-4-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-015

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.7			MS
7440-47-3	Chromium	1.1	i	JB	MS
7440-50-8	Copper	0.6	i	J	MS
7440-66-6	Zinc	201		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB02-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-016

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	U	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MB-03-022409

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-017

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0	U		MS
7440-47-3	Chromium	6.2			MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW11B-2-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-018

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.6			MS
7440-47-3	Chromium	1.1	i	JB	MS
7440-50-8	Copper	0.3	i	J	MS
7440-66-6	Zinc	236		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW11B-3-022509

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-019

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.9			MS
7440-47-3	Chromium	1.6		JB	MS
7440-50-8	Copper	0.5		J	MS
7440-66-6	Zinc	331		J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB04-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Lab Sample ID: J0900965-021

Level (low/med): LOW Date Received: 2/26/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	0.9	~~U~~	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic	50.0	50.1	100	25.0	24.9	100	24.9	100	MS
Chromium	20.0	20.6	103	25.0	25.1	100	25.3	101	MS
Copper	25.0	25.2	101	25.0	24.7	99	25.3	101	MS
Zinc	50.0	50.1	100	50.0	50.3	101	49.4	99	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900965

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	25.2	101	25.5	102	MS
Chromium				25.0	25.4	102	25.1	100	MS
Copper				25.0	25.8	103	25.8	103	MS
Zinc				50.0	50.7	101	51.0	102	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	25.0	100			MS
Chromium				25.0	25.4	102			MS
Copper				25.0	25.8	103			MS
Zinc				50.0	50.3	101			MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900965

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.691	138		
Chromium				2.00	1.98	99		
Copper				2.00	1.94	97		
Zinc				10.0	9.2	92		

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.250	J	0.200	U	0.236	J	0.200	U	0.20	U	MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U	0.8	U	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	0.3	U	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4.0	U	MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U					MS

Comments:

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.1	19.3	96			
Chromium	0.0	20.0	0.5	20.3	102			
Copper	0.0	20.0	0.5	18.5	92			
Zinc	0.0	40.0	0.8	39.4	98			

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW19B-03-022409S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	52.1		0.2		50.0	104		MS
Chromium	75 - 125	50.4		1.3		50.0	98		MS
Copper	75 - 125	49.1		0.3	U	50.0	98		MS
Zinc	75 - 125	101.0		30.6		100	70	J	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW19B-03-022409SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	53.5		0.2		50.0	107		MS
Chromium	75 - 125	52.5		1.3		50.0	102		MS
Copper	75 - 125	50.9		0.3	U	50.0	101		MS
Zinc	75 - 125	104.0		30.6		100	73	J	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW13B-3-022409S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	54.3		1.4		50.0	106		MS
Chromium	75 - 125	52.4		1.2		50.0	102		MS
Copper	75 - 125	50.8		0.4		50.0	101		MS
Zinc	75 - 125	104.0		5.4		100	99		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW13B-3-022409SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	55.4		1.4		50.0	108		MS
Chromium	75 - 125	53.3		1.2		50.0	104		MS
Copper	75 - 125	52.5		0.4		50.0	104		MS
Zinc	75 - 125	105.0		5.4		100	100		MS

Comments:

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW19B-03-022409A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Arsenic	75 - 125	49.9		0.2		50.0	99		MS
Chromium	75 - 125	49.7		1.3		50.0	97		MS
Copper	75 - 125	47.9		0.3	U	50.0	95		MS
Zinc	75 - 125	120.0		30.6		100	89		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW19B-03-022409SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		52.1		53.5		3		MS
Chromium		50.4		52.5		4		MS
Copper		49.1		50.9		4		MS
Zinc		101.0		104.0		3		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW13B-3-022409SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		54.3		55.4		2		MS
Chromium		52.4		53.3		2		MS
Copper		50.8		52.5		3		MS
Zinc		104.0		105.0		1		MS

Comments:

Dissolved Metals

-7-

LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	52.4	105					
Chromium	50.0	50.0	100					
Copper	50.0	51.3	103					
Zinc	100	106.0	106					

Comments:

Dissolved Metals

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

FW19B-03-022409L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	0.21		1.25	i	495		MS
Chromium	1.3		4.0	U	100.0		MS
Copper	1.5	U	1.5	U			MS
Zinc	30.6		20.0	U	100.0		MS

Comments:

Dissolved Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.00	0.80	MS
Copper	65		2.00	0.30	MS
Zinc	66		10.00	4.00	MS

Comments:

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

Dissolved Metals

-13-

PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900965

Method: MS Prep Method: EPA 3005A

Sample ID	Preparation Date	Initial Volume	Final Volume (mL)
FW19B-03-022409	3/3/2009	25.0	25.0
FW19B-03-022409S	3/3/2009	25.0	25.0
FW19B-03-022409SD	3/3/2009	25.0	25.0
FW19B-02-022409	3/3/2009	25.0	25.0
FW19B-01-022409	3/3/2009	25.0	25.0
EB02-022409	3/3/2009	25.0	25.0
EB03-022509	3/3/2009	25.0	25.0
FW23C-01-022509	3/3/2009	25.0	25.0
FW23C-03-022509	3/3/2009	25.0	25.0
FB03-022509	3/3/2009	25.0	25.0
FW23C-02-022509	3/3/2009	25.0	25.0
FW17B-1-022409	3/3/2009	25.0	25.0
FW13B-3-022409	3/3/2009	25.0	25.0
FW13B-3-022409S	3/3/2009	25.0	25.0
FW13B-3-022409SD	3/3/2009	25.0	25.0
FW13B-4-022409	3/3/2009	25.0	25.0
FW13B-2-022409	3/3/2009	25.0	25.0
FW13B-1-022409	3/3/2009	25.0	25.0
FW11B-4-022509	3/3/2009	25.0	25.0
FB02-022409	3/3/2009	25.0	25.0
MB-03-022409	3/3/2009	25.0	25.0
FW11B-2-022509	3/3/2009	25.0	25.0
FW11B-3-022509	3/3/2009	25.0	25.0
FB04-022609	3/3/2009	25.0	25.0
Lab Control Sample	3/3/2009	25.0	25.0
Method Blank	3/3/2009	25.0	25.0

Comments:

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900965

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/22/2009 End Date: 3/22/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NG	NI	K	SE	AG	NA	TL	V	ZN	CN
cal blank 1	1.00	11:40				X					X		X												X	
cal std 1 25 ppb	1.00	11:43				X					X		X												X	
cal std 2 50ppb	1.00	11:47				X					X		X												X	
cal std 3 100ppb	1.00	11:51				X					X		X												X	
ICV	1.00	11:55				X					X		X												X	
ICB	1.00	11:59				X					X		X												X	
MRL	1.00	12:02				X					X		X												X	
ICSA	1.00	12:06				X					X		X												X	
ICSAB	1.00	12:10				X					X		X												X	
BR 1.0PPM	1.00	12:14				X					X		X												X	
Blank	1.00	12:18				X					X		X												X	
CCV1	1.00	12:21				X					X		X												X	
CCB1	1.00	12:25				X					X		X												X	
Method Blank	1.00	12:29				X					X		X												X	
Lab Control Sample	1.00	12:33				X					X		X												X	
FW19B-03-022409	1.00	12:36				X					X		X												X	
FW19B-03-022409S	1.00	12:40				X					X		X												X	
FW19B-03-022409SD	1.00	12:44				X					X		X												X	
FW19B-03-022409L	5.00	12:48				X					X		X												X	
FW19B-03-022409A	1.00	12:51				X					X		X												X	
CCV2	1.00	12:55				X					X		X												X	
CCB2	1.00	12:59				X					X		X												X	
FW19B-02-022409	1.00	13:03									X		X												X	
FW19B-01-022409	1.00	13:06				X					X		X												X	
EB02-022409	1.00	13:10									X		X												X	
EB03-022509	1.00	13:14									X		X												X	
FW23C-01-022509	1.00	13:18									X		X												X	
FW23C-03-022509	1.00	13:21				X					X		X												X	
FB03-022509	1.00	13:25									X		X												X	
CCV3	1.00	13:29				X					X		X												X	
CCB3	1.00	13:33				X					X		X												X	
FW23C-02-022509	1.00	13:36									X		X												X	
FW17B-1-022409	1.00	13:40									X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals

-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900965

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/22/2009 End Date: 3/22/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
FW13B-3-022409	1.00	13:44									X		X												X	
FW13B-3-022409S	1.00	13:48									X		X												X	
FW13B-3-022409SD	1.00	13:51									X		X												X	
FW13B-4-022409	1.00	13:55									X		X												X	
FW13B-2-022409	1.00	13:59									X		X												X	
CCV4	1.00	14:03				X					X		X												X	
CCB4	1.00	14:07				X					X		X												X	
FW13B-1-022409	1.00	14:10									X		X												X	
FW11B-4-022509	1.00	14:14				X					X		X												X	
FB02-022409	1.00	14:18				X					X		X												X	
MB-03-022409	1.00	14:22									X		X												X	
FW11B-2-022509	1.00	14:25				X					X		X												X	
FW11B-3-022509	1.00	14:29				X					X		X												X	
FB04-022609	1.00	14:33				X					X		X												X	
CCV5	1.00	14:37				X					X		X												X	
CCB5	1.00	14:40				X					X		X												X	

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Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900965

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/23/2009 End Date: 3/23/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
cal blank 1	1.00	19:11				X																								
cal std 1 25 ppb	1.00	19:16				X																								
cal std 2 50ppb	1.00	19:20				X																								
cal std 3 100ppb	1.00	19:25				X																								
ICV	1.00	19:29				X																								
ICB	1.00	19:33				X																								
MRL	1.00	19:39				X																								
ICSA	1.00	19:43				X																								
ICSAB	1.00	19:48				X																								
BR 1.0PPM	1.00	19:52				X																								
Blank	1.00	19:57				X																								
CCV1	1.00	20:01				X																								
CCB1	1.00	20:05				X																								
FW19B-02-022409	5.00	20:10				X																								
EB02-022409	5.00	20:14				X																								
EB03-022509	5.00	20:18				X																								
FW23C-01-022509	5.00	20:23				X																								
FW23C-02-022509	5.00	20:27				X																								
FW17B-1-022409	5.00	20:31				X																								
FW13B-3-022409	5.00	20:36				X																								
FW13B-3-022409S	5.00	20:40				X																								
FW13B-3-022409SD	5.00	20:45				X																								
FW13B-4-022409	5.00	20:49				X																								
CCV2	1.00	20:53				X																								
CCB2	1.00	20:58				X																								
FW13B-2-022409	5.00	21:02				X																								
FW13B-1-022409	5.00	21:06				X																								
MB-03-022409	5.00	21:15				X																								
BLANK	1.00	21:20				X																								
BLANK	1.00	21:24				X																								
CCV3	1.00	21:28				X																								
CCB3	1.00	21:33				X																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG No.: J0900965

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/25/2009 End Date: 3/25/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
blank	1.00	12:29				X																								
cal blank	1.00	12:33				X																								
cal std 1 25 ppb	1.00	12:38				X																								
cal std 2 50ppb	1.00	12:43				X																								
cal std 3 100ppb	1.00	12:47				X																								
ICV	1.00	12:52				X																								
ICB	1.00	12:56				X																								
MRL	1.00	13:01				X																								
ICSA	1.00	13:05				X																								
ICSAB	1.00	13:10				X																								
BR 1.0PPM	1.00	13:14				X																								
Blank	1.00	13:19				X																								
CCV1	1.00	13:24				X																								
CCB1	1.00	13:28				X																								
CCV2	1.00	14:18				X																								
CCB2	1.00	14:23				X																								
FB03-022509	5.00	14:41				X																								
CCV3	1.00	15:03				X																								
CCB3	1.00	15:08				X																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900965
Date Collected : 02/24-26/09
Date Received : 02/26/09

Bromide

Units : mg/L (ppm)
Basis : NA

Analysis Method : 300.0
Test Notes :

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
~~FW19B-03-022409~~ DO NOT USE data is presented in SDG J0900930 KC 4/6/09	~~J0900965-001~~	~~0.4~~	~~0.043~~	~~1~~	~~03/16/09 19:19~~	~~0.35~~	~~J~~
FW19B-02-022409	J0900965-002	0.4	0.043	1	03/16/09 19:19	0.31	J
FW19B-01-022409	J0900965-003	0.4	0.043	1	03/16/09 19:19	0.36	J
EB02-022409	J0900965-004	0.4	0.043	1	03/16/09 19:19	U	
EB03-022509	J0900965-005	0.4	0.043	1	03/16/09 19:19	U	
FW23C-01-022509	J0900965-006	0.4	0.043	1	03/16/09 19:19	U	
FW23C-03-022509	J0900965-007	0.4	0.043	1	03/16/09 19:19	U	
FB03-022509	J0900965-008	0.4	0.043	1	03/16/09 19:19	U	
FW23C-02-022509	J0900965-009	0.4	0.043	1	03/16/09 19:19	U	
FW17B-1-022409	J0900965-010	0.4	0.043	1	03/16/09 19:19	U	
FW13B-3-022409	J0900965-011	0.4	0.043	1	03/16/09 19:19	U	
FW13B-4-022409	J0900965-012	0.4	0.043	1	03/16/09 19:19	0.33	J
FW13B-2-022409	J0900965-013	0.4	0.043	1	03/16/09 19:19	0.28	J
FW13B-1-022409	J0900965-014	0.4	0.043	1	03/16/09 19:19	U	
FW11B-4-022509	J0900965-015	0.4	0.043	1	03/16/09 19:19	1.8	
FB02-022409	J0900965-016	0.4	0.043	1	03/16/09 19:19	U	
FW11B-2-022509	J0900965-018	0.4	0.043	1	03/16/09 19:19	1.8	
FW11B-3-022509	J0900965-019	0.4	0.043	1	03/16/09 19:19	1.4	
FB04-022609	J0900965-021	0.4	0.043	1	03/16/09 19:19	U	
Method Blank	J0900965-MB	0.4	0.043	1	03/16/09 19:19	U	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900965
Date Collected : 02/24/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW19B-03-022409
Lab Code : J0900965-001DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	0.35	0.35	0.35	<1	i

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900965
Date Collected : 02/24/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW19B-03-022409
Lab Code : J0900965-001MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Aualysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Aceeptance Limits	Result Notes
Bromide	300.0	0.4	5.00	0.35	5.17	96	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900965
Date Collected : 02/24/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW13B-3-022409
Lab Code : J0900965-011DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	U	U	U	-	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900965
Date Collected : 02/24/09
Date Received : 02/26/09
Date Extracted : NA
Date Analyzed : 03/16/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW13B-3-022409
Lab Code : J0900965-011MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	U	4.91	98	90-110	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0900965
Project Name :	Gainesville, FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/16/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0900965-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	4.94	99	90-110	

Report By: Palimi

FTS, LLC

DATE: March 30, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Westbay GW

SAMPLE DELIVERY GROUP (SDG): J0900990

SAMPLES: FW99H-022609(FW-21B-01), FW20B-04-022609, FW20B-03-022609, Metals Blank-022609, FW-20B-02-022609, EB04-022609, FW20B-01-022609, FW22B-3-022609, FW16B-3-022609, FW99G-022609(FW-22B-03), FW16B-4-022609, FW16B-2-022609, FW16B-1-022609, FW12B-2-022609, FW12B-1-022609, FW12B-3-022609, FW12B-4-022609, Trip Blank-022609

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved arsenic and chromium were detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Dissolved chromium, copper, and zinc were detected in the equipment blank and the metals blank. Dissolved arsenic and naphthalene were detected in the equipment blank. See next page for details.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: The MS/MSD recoveries of ethylbenzene, toluene, m,p-xylenes, and o-xylene fell below the control limits. No action was taken as the LCS recoveries were compliant.

□ Laboratory Control Sample
Noncompliances: None

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analytes were detected in the aqueous method blank at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Arsenic, dissolved	0.266 J ug/l	1.33 ug/l
Chromium, dissolved	1.0 J ug/l	5.0 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Blank Contamination:

The following analytes were detected in the aqueous equipment blank, EB04-022609, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Arsenic, dissolved	0.3 J ug/l	1.5 ug/l
Chromium, dissolved	2.4 J ug/l	12 ug/l
Copper, dissolved	1.1 ug/l	5.5 ug/l
Naphthalene	2.1 J ug/l	10.5 ug/l
Zinc, dissolved	33 ug/l	165 ug/l

The following analytes were detected in the aqueous metals blank, Metals Blank-022609, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l
Copper, dissolved	1.0 J ug/l	5.0 ug/l
Zinc, dissolved	5.3 J ug/l	16.5 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-21B-01	QUAL	FW-99H	QUAL	RPD
2-Methylnaphthalene	8		6	J	28.57
Acenaphthene	9.8		7.6		25.29
Arsenic, dissolved	0.2	JB	0.2	U	NC
Benzene	0.56	J	0.52	U	NC
Carbazole	1.6	J	1.4	J	13.33
Copper, dissolved	0.3	U	0.4	JB	NC

Dibenzofuran	5.2	J	4.1	J	23.66
Fluorene	5.2		4.1	J	23.66
Naphthalene	130		140		7.41
Phenanthrene	2.3	J	2.1	J	9.09
m,p-Xylenes	1	J	0.9	J	10.53
o-Xylene	0.59	J	0.5	J	16.51
Zinc, dissolved	4	U	4.6	JB	NC
ANALYTE	FW-22B-03	QUAL	FW-99G	QUAL	RPD
2-Methylnaphthalene	3.1	J	2.7	J	13.79
Acenaphthene	21		18		15.38
Copper, dissolved	0.3	JB	0.3	U	NC
Dibenzofuran	2.1	J	1.9	J	10
Fluorene	4.1	J	3.5	J	15.79
Naphthalene	48		42		13.33

NC – not calculated due to nondetect result

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 27, 2009

Service Request No: J0900990

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

Laboratory Results for: Gainesville, FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on February 27, 2009. For your reference, these analyses have been assigned our service request number **J0900990**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

Page 1 of 785

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 785 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0900990
Project:	Gainesville, FL	**Date Received:**	2/27/09
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 IV, validation deliverables including all summary forms and associated raw data. 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

18 water samples were received for analysis at Columbia Analytical Services on 2/27/09. The following discrepancies were noted upon initial sample inspection. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Matrix Spike Recovery Exceptions

The matrix spike recoveries of several analytes for sample FW20B-02-022609 were outside the control criterion. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. No further corrective action was appropriate.

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.

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Timothy D. Ilsley **Date** 3/27/09

Client: Field and Technical Services, LLC
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0900990-001	FW99H-022609	2/26/09	20:00
J0900990-002	FW20B-04-022609	2/26/09	10:40
J0900990-003	FW20B-03-022609	2/26/09	12:30
J0900990-004	Metals Blank-022609	2/26/09	11:00
J0900990-005	FW20B-02-022609	2/26/09	14:00
J0900990-006	EB04-022609	2/26/09	17:00
J0900990-007	FW20B-01-022609	2/26/09	16:00
J0900990-008	FW22B-3-022609	2/26/09	08:30
J0900990-009	FW16B-3-022609	2/26/09	09:55
J0900990-010	FW99G-022609	2/26/09	20:00
J0900990-011	FW16B-4-022609	2/26/09	10:30
J0900990-012	FW16B-2-022609	2/26/09	11:10
J0900990-013	FW16B-1-022609	2/26/09	12:50
J0900990-014	FW12B-2-022609	2/26/09	14:00
J0900990-015	FW12B-1-022609	2/26/09	14:35
J0900990-016	FW12B-3-022609	2/26/09	15:20
J0900990-017	FW12B-4-022609	2/26/09	16:15
J0900990-018	Trip Blank-022609	2/26/09	00:00

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.

Columbia Analytical Services™

Chain of Custody Documentation

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Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services

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SR # JD900990

CAS Contact [redacted]

Project Name: Gainesville, FL	Project Number: 0M045009-091
Project Manager: A Gatchie	Email Address: aggatchie.2006@ftsinc.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS

BTEX 8260B | SVOC's 8270C | Dissolved As, Cr, Fe, Zn, Cu | Bromide 300.0

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX					
FW99H-022609		2/26/09	2000	GW	7	3	2	1	1
FW20B-04-022609		2/26/09	1040	GW	7	3	2	1	1
FW20B-03-022609		2/26/09	1230	GW	7	3	2	1	1
Metals blank-022609		2/26/09	1100	DI	1			1	
FW20B-02-022609-MS/MSD		2/26/09	1400	GW	14	6	4	2	2
FW20B-02-022609		2/26/09	1400	GW	7	3	2	1	1
EB04-022609		2/26/09	1700	DI	7	3	2	1	1
FW20B-01-022609		2/26/09	1600	GW	7	3	2	1	1

2/27/09

2/27/09

SPECIAL INSTRUCTIONS/COMMENTS

2/27/09

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Speicalized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm	Firm	Firm	Firm	Firm
Date/Time: 2/26/09, 0900	Date/Time: 2-27-09 1250	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-05/20/08

Columbia Analytical Services™

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR #: 360900990
CAS Contact

Project Name: Gainesville, FL	Project Number: 0M045009-091
Project Manager: A. Gafchie	Email Address: agafchie.2006@f-ts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and Co[illegible])

PRESERVATIVE: 1 0 2 0

NUMBER OF CONTAINERS | 8260B | 8270C | Diss. Metals | Br - Bromide

1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	#					
FW 22B-3-022609		2-26-09	0830	GW	7	3	2	1	1	
FW 16B-3-022609			0955	GW	7	3	2	1	1	
FW-99G-022609			2000	GW	7	3	2	1	1	
FW-16B-4-022609			1030	GW	7	3	2	1	1	
FW-16B-2-022609			1110	GW	7	3	2	1	1	
FW-16B-1-022609		2-26-09	1250	GW	7	3	2	1	1	
FW-12B-2-022609			1400	GW	7	3	2	1	1	
FW-12B-1-022609			1435	GW	7	3	2	1	1	
FW-12B-3-022109			1520	GW	7	3	2	1	1	
FW-12B-4-022609		2-26-09	1615	GW	7	3	2	1	1	

MA 2/27/09

SPECIAL INSTRUCTIONS/COMMENTS

MA 2/27/09

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Rory Hanczar	Signature: Matthew Ludeman	Signature	Signature	Signature	Signature
Printed Name: FTS	Printed Name: CAS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 2/27/09, 0900	Firm	Firm	Firm	Firm	Firm
Date/Time	Date/Time: 2-27-09 1250	Date/Time	Date/Time	Date/Time	Date/Time

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

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # J090090

Project: Gainesville FL

Cooler received on 2.27.09 and opened on 2.27.09 by GB

COURIER: CAS UPS FEDEX DHL CLIENT Tracking #

1	Were custody seals on outside of cooler?	Yes	No	N/A
2	Were seals intact, signed and dated?	Yes	No	N/A
3	Were custody papers properly filled out?	Yes	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	1.6°C	2.1°C	3.2°C 4.3°C
5	Correct Temperature?	Yes	No	N/A
6	Were Ice or Ice Packs present	Yes	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	Yes	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	Yes	No	N/A
9	Did all bottle labels and tags agree with custody papers?	Yes	No	N/A
10	Were the correct bottles used for the tests indicated?	Yes	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	Yes	No	N/A

HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2

Preservative additions noted below

12	Were all samples received within analysis holding times?	Yes	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	Yes	No	N/A
14	Where did the bottles originate?	CAS	Client	

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

Additional comments and/or explanation of all discrepancies noted above: FW22B-3-022609 SVOC, metals + Bromide Bottles are mis identified as FW23B-3-022609. Sampling date and time matches. A Trip Blank was received

Client approval to run samples if discrepancies noted: Date: 10

SR#: J 0900690 Date: 2.27.09 Initials: GB

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

	Bottle Code																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	40mL	40mL	40mL	40mL	125mL	125mL	125mL	125mL	250mL	250mL	250mL	250mL	250mL	250mL	250mL	500mL	500mL	500mL	1L	1L	1L	1L	1L	2oz	4oz	8oz	16oz	5g	100mL	Misc.
Container	G	G	G	G	P	P	P	P	P	P	P	P	P	G	G	P	P	P	P	P	G	G	G	G	G	G	G	ENC	P	Misc.
Pres.		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-001		3			1			1													2									
-002		3			1			1													2									
-003		3			1			1													2									
-004								1																						
-005		9			3			3													2									
-006		3			1			1													2									
-007		3			1			1													2									
-008		3			1			1													2									
-009		3			1			1													2									
-010		3			1			1													2									
-011		3			1			1													2									
-012		3			1			1													2									
-013		3			1			1													2									
-014		3			1			1													2									
-015		3			1			1													2									
-016		3			1			1													2									
-017		3			1			1													2									
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-040																														

Columbia Analytical Services™

Summary Package

9143 Philips Highway, Suite 200
Jacksonville, Florida 32256
Phone: (904) 739-2277 Fax (904) 739-2011
www.caslab.com

Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc. **Service Request:** J0900990
Project: Gainesville, FL/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW99H-022609	J0900990-001	02/26/2009	02/27/2009
FW20B-04-022609	J0900990-002	02/26/2009	02/27/2009
FW20B-03-022609	J0900990-003	02/26/2009	02/27/2009
FW20B-02-022609	J0900990-005	02/26/2009	02/27/2009
EB04-022609	J0900990-006	02/26/2009	02/27/2009
FW20B-01-022609	J0900990-007	02/26/2009	02/27/2009
FW22B-3-022609	J0900990-008	02/26/2009	02/27/2009
FW16B-3-022609	J0900990-009	02/26/2009	02/27/2009
FW99G-022609	J0900990-010	02/26/2009	02/27/2009
FW16B-4-022609	J0900990-011	02/26/2009	02/27/2009
FW16B-2-022609	J0900990-012	02/26/2009	02/27/2009
FW16B-1-022609	J0900990-013	02/26/2009	02/27/2009
FW12B-2-022609	J0900990-014	02/26/2009	02/27/2009
FW12B-1-022609	J0900990-015	02/26/2009	02/27/2009
FW12B-3-022609	J0900990-016	02/26/2009	02/27/2009
FW12B-4-022609	J0900990-017	02/26/2009	02/27/2009
Trip Blank-022609	J0900990-018	02/26/2009	02/27/2009
FW20B-02-022609MS	JWG0900763-1	02/26/2009	02/27/2009
FW20B-02-022609DMS	JWG0900763-2	02/26/2009	02/27/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Scott Allen Name: Scott Allen

Date: 3-16-09 Title: Scientist

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW99H-022609	**Units:**	ug/L
Lab Code:	J0900990-001	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**0.90**	J	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**0.50**	J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	92	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	92	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-04-022609	**Units:**	ug/L
Lab Code:	J0900990-002	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	92	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-03-022609	**Units:**	ug/L
Lab Code:	J0900990-003	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	94	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	95	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-02-022609	**Units:**	ug/L
Lab Code:	J0900990-005	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	95	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	EB04-022609	**Units:**	ug/L
Lab Code:	J0900990-006	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	94	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	90	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-01-022609	**Units:**	ug/L
Lab Code:	J0900990-007	**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	**2.9**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	**0.30**	J J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**2.3**		2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**0.68**	J J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	92	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	87	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-3-022609	**Units:**	ug/L
Lab Code:	J0900990-008	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	93	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	94	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW16B-3-022609	**Units:**	ug/L
Lab Code:	J0900990-009	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extraeted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	95	75-120	03/04/09	Acceptable
Toluene-d8	98	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW99G-022609	**Units:**	ug/L
Lab Code:	J0900990-010	**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	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	90	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW16B-4-022609	**Units:**	ug/L
Lab Code:	J0900990-011	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	96	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	94	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW16B-2-022609	**Units:**	ug/L
Lab Code:	J0900990-012	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	88	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	95	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW16B-1-022609	**Units:**	ug/L
Lab Code:	J0900990-013	**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	**3.8**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	**3.5**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	**1.7**		1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**2.0**	J	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**1.3**		1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	91	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW12B-2-022609
Lab Code: J0900990-014

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	**1.2**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	88	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	95	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-1-022609	**Units:**	ug/L
Lab Code:	J0900990-015	**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	**1.5**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	**2.1**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	**0.71**	J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**1.1**	J	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**0.71**	J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	96	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	93	75-120	03/04/09	Acceptable
Toluene-d8	98	88-117	03/04/09	Acceptable
Dibromofluoromethane	94	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW12B-3-022609
Lab Code: J0900990-016

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	**2.3**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**2.4**		2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**0.93**	J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	89	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	94	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-4-022609	**Units:**	ug/L
Lab Code:	J0900990-017	**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	**1.8**		1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	**1.9**	J	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	**0.61**	J	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	92	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	94	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank-022609	**Units:**	ug/L
Lab Code:	J0900990-018	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	94	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	91	75-120	03/04/09	Acceptable
Toluene-d8	96	88-117	03/04/09	Acceptable
Dibromofluoromethane	93	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0900763-4	**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	0.52	1	03/04/09	03/04/09	JWG0900763	
Toluene	ND	U	1.0	0.52	1	03/04/09	03/04/09	JWG0900763	
Ethylbenzene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	
m,p-Xylenes	ND	U	2.0	0.22	1	03/04/09	03/04/09	JWG0900763	
o-Xylene	ND	U	1.0	0.10	1	03/04/09	03/04/09	JWG0900763	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	91	71-122	03/04/09	Acceptable
4-Bromofluorobenzene	92	75-120	03/04/09	Acceptable
Toluene-d8	97	88-117	03/04/09	Acceptable
Dibromofluoromethane	92	82-116	03/04/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990

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
FW99H-022609	J0900990-001	93	92	97	92
FW20B-04-022609	J0900990-002	94	92	96	93
FW20B-03-022609	J0900990-003	93	94	97	95
FW20B-02-022609	J0900990-005	94	95	97	93
EB04-022609	J0900990-006	93	94	96	90
FW20B-01-022609	J0900990-007	92	87	97	93
FW22B-3-022609	J0900990-008	94	93	96	94
FW16B-3-022609	J0900990-009	94	95	98	93
FW99G-022609	J0900990-010	94	90	97	93
FW16B-4-022609	J0900990-011	95	96	97	94
FW16B-2-022609	J0900990-012	95	88	97	95
FW16B-1-022609	J0900990-013	94	91	97	93
FW12B-2-022609	J0900990-014	95	88	96	95
FW12B-1-022609	J0900990-015	96	93	98	94
FW12B-3-022609	J0900990-016	94	89	97	94
FW12B-4-022609	J0900990-017	94	92	97	94
Trip Blank-022609	J0900990-018	94	91	96	93
Method Blank	JWG0900763-4	91	92	97	92
FW20B-02-022609MS	JWG0900763-1	96	93	96	95
FW20B-02-022609DMS	JWG0900763-2	97	94	96	94
Lab Control Sample	JWG0900763-3	92	90	92	91

Surrogate Recovery Control Limits (%)

Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/04/2009
Time Analyzed: 09:29

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C04.B\0
Instrument ID: MS52.i
Analysis Method: 8260B

Lab Code: JWG0900765-2
Analysis Lot: JWG0900765
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
	Results ==>	145,206	11.38	166,541	8.95	366,460	5.61
	Upper Limit ==>	290,412	11.88	333,082	9.45	732,920	6.11
	Lower Limit ==>	72,603	10.88	83,271	8.45	183,230	5.11
	ICAL Result ==>	126,108	11.38	133,074	8.95	309,887	5.61
Associated Analyses							
Lab Control Sample	JWG0900763-3	146,652	11.38	163,583	8.95	363,556	5.61
Method Blank	JWG0900763-4	150,221	11.38	161,582	8.95	368,940	5.61
FW99H-022609	J0900990-001	151,247	11.38	161,954	8.95	372,251	5.61
FW20B-04-022609	J0900990-002	149,452	11.38	162,572	8.95	369,135	5.61
FW20B-03-022609	J0900990-003	146,765	11.38	162,581	8.95	368,601	5.61
FW20B-02-022609	J0900990-005	149,465	11.38	164,367	8.95	377,143	5.61
EB04-022609	J0900990-006	146,590	11.38	162,800	8.95	375,123	5.61
FW20B-01-022609	J0900990-007	162,158	11.38	162,240	8.95	371,176	5.61
FW22B-3-022609	J0900990-008	151,450	11.38	165,958	8.95	372,816	5.61
FW16B-3-022609	J0900990-009	148,100	11.38	163,073	8.95	372,674	5.61
FW99G-022609	J0900990-010	155,059	11.38	164,180	8.95	374,092	5.61
FW16B-4-022609	J0900990-011	148,265	11.38	164,410	8.95	373,315	5.61
FW16B-2-022609	J0900990-012	160,816	11.38	165,933	8.95	373,111	5.61
FW16B-1-022609	J0900990-013	155,790	11.38	165,605	8.95	377,485	5.61
FW12B-2-022609	J0900990-014	161,945	11.38	166,146	8.95	374,400	5.61
FW12B-1-022609	J0900990-015	152,219	11.38	161,323	8.95	368,284	5.61
FW12B-3-022609	J0900990-016	158,445	11.38	162,779	8.95	368,186	5.61
FW12B-4-022609	J0900990-017	156,086	11.38	166,539	8.95	375,339	5.61
Trip Blank-022609	J0900990-018	155,976	11.38	166,683	8.95	372,807	5.61
FW20B-02-022609MS	JWG0900763-1	147,440	11.38	159,564	8.95	356,567	5.61
FW20B-02-022609DMS	JWG0900763-2	144,796	11.38	161,646	8.95	358,238	5.61

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/04/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009

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

Sample Name:	FW20B-02-022609	**Units:**	ug/L
Lab Code:	J0900990-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900763

Analyte Name	Sample Result	FW20B-02-022609MS JWG0900763-1 Matrix Spike			FW20B-02-022609DMS JWG0900763-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	18.3	20.0	91	16.4	20.0	82	78-123	11	30
Toluene	ND	16.9	20.0	85 *	15.2	20.0	76 *	86-119	11	30
Ethylbenzene	ND	16.6	20.0	83 *	14.7	20.0	73 *	87-122	12	30
m,p-Xylenes	ND	32.9	40.0	82	29.1	40.0	73 *	82-120	12	30
o-Xylene	ND	16.5	20.0	83 *	14.6	20.0	73 *	85-119	13	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/04/2009

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900763

	Lab Control Sample JWG0900763-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	19.7	20.0	98	79-119
Toluene	18.7	20.0	94	86-117
Ethylbenzene	18.3	20.0	92	90-118
m,p-Xylenes	36.1	40.0	90	86-121
o-Xylene	18.0	20.0	90	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/04/2009
Time Analyzed: 10:48

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900763-4

Extraction Method: EPA 5030B
Analysis Method: 8260B

File ID: J:\MS52\DATA\MS529C04.B\0304-05.D
Instrument ID: MS52.i

Level: Low
Extraction Lot: JWG0900763

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900763-3	J:\MS52\DATA\MS529C04.B\0304-03.D	03/04/09	09:55
FW99H-022609	J0900990-001	J:\MS52\DATA\MS529C04.B\0304-06.D	03/04/09	11:15
FW20B-04-022609	J0900990-002	J:\MS52\DATA\MS529C04.B\0304-07.D	03/04/09	11:42
FW20B-03-022609	J0900990-003	J:\MS52\DATA\MS529C04.B\0304-08.D	03/04/09	12:08
FW20B-02-022609	J0900990-005	J:\MS52\DATA\MS529C04.B\0304-09.D	03/04/09	12:34
EB04-022609	J0900990-006	J:\MS52\DATA\MS529C04.B\0304-10.D	03/04/09	13:01
FW20B-01-022609	J0900990-007	J:\MS52\DATA\MS529C04.B\0304-11.D	03/04/09	13:27
FW22B-3-022609	J0900990-008	J:\MS52\DATA\MS529C04.B\0304-12.D	03/04/09	13:54
FW16B-3-022609	J0900990-009	J:\MS52\DATA\MS529C04.B\0304-13.D	03/04/09	14:21
FW99G-022609	J0900990-010	J:\MS52\DATA\MS529C04.B\0304-14.D	03/04/09	14:47
FW16B-4-022609	J0900990-011	J:\MS52\DATA\MS529C04.B\0304-15.D	03/04/09	15:14
FW16B-2-022609	J0900990-012	J:\MS52\DATA\MS529C04.B\0304-16.D	03/04/09	15:40
FW16B-1-022609	J0900990-013	J:\MS52\DATA\MS529C04.B\0304-17.D	03/04/09	16:07
FW12B-2-022609	J0900990-014	J:\MS52\DATA\MS529C04.B\0304-18.D	03/04/09	16:33
FW12B-1-022609	J0900990-015	J:\MS52\DATA\MS529C04.B\0304-19.D	03/04/09	17:00
FW12B-3-022609	J0900990-016	J:\MS52\DATA\MS529C04.B\0304-20.D	03/04/09	17:26
FW12B-4-022609	J0900990-017	J:\MS52\DATA\MS529C04.B\0304-21.D	03/04/09	17:53
Trip Blank-022609	J0900990-018	J:\MS52\DATA\MS529C04.B\0304-22.D	03/04/09	18:20
FW20B-02-022609MS	JWG0900763-1	J:\MS52\DATA\MS529C04.B\0304-26.D	03/04/09	20:05
FW20B-02-022609DMS	JWG0900763-2	J:\MS52\DATA\MS529C04.B\0304-27.D	03/04/09	20:32

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Extracted:**	03/04/2009
Sample Matrix:	Water	**Date Analyzed:**	03/04/2009
		Time Analyzed:	09:55

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS52\DATA\MS529C04.B\0304-03.D
Lab Code:	JWG0900763-3	**Instrument ID:**	MS52.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900763

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900763-4	J:\MS52\DATA\MS529C04.B\0304-05.D	03/04/09	10:48
FW99H-022609	J0900990-001	J:\MS52\DATA\MS529C04.B\0304-06.D	03/04/09	11:15
FW20B-04-022609	J0900990-002	J:\MS52\DATA\MS529C04.B\0304-07.D	03/04/09	11:42
FW20B-03-022609	J0900990-003	J:\MS52\DATA\MS529C04.B\0304-08.D	03/04/09	12:08
FW20B-02-022609	J0900990-005	J:\MS52\DATA\MS529C04.B\0304-09.D	03/04/09	12:34
EB04-022609	J0900990-006	J:\MS52\DATA\MS529C04.B\0304-10.D	03/04/09	13:01
FW20B-01-022609	J0900990-007	J:\MS52\DATA\MS529C04.B\0304-11.D	03/04/09	13:27
FW22B-3-022609	J0900990-008	J:\MS52\DATA\MS529C04.B\0304-12.D	03/04/09	13:54
FW16B-3-022609	J0900990-009	J:\MS52\DATA\MS529C04.B\0304-13.D	03/04/09	14:21
FW99G-022609	J0900990-010	J:\MS52\DATA\MS529C04.B\0304-14.D	03/04/09	14:47
FW16B-4-022609	J0900990-011	J:\MS52\DATA\MS529C04.B\0304-15.D	03/04/09	15:14
FW16B-2-022609	J0900990-012	J:\MS52\DATA\MS529C04.B\0304-16.D	03/04/09	15:40
FW16B-1-022609	J0900990-013	J:\MS52\DATA\MS529C04.B\0304-17.D	03/04/09	16:07
FW12B-2-022609	J0900990-014	J:\MS52\DATA\MS529C04.B\0304-18.D	03/04/09	16:33
FW12B-1-022609	J0900990-015	J:\MS52\DATA\MS529C04.B\0304-19.D	03/04/09	17:00
FW12B-3-022609	J0900990-016	J:\MS52\DATA\MS529C04.B\0304-20.D	03/04/09	17:26
FW12B-4-022609	J0900990-017	J:\MS52\DATA\MS529C04.B\0304-21.D	03/04/09	17:53
Trip Blank-022609	J0900990-018	J:\MS52\DATA\MS529C04.B\0304-22.D	03/04/09	18:20
FW20B-02-022609MS	JWG0900763-1	J:\MS52\DATA\MS529C04.B\0304-26.D	03/04/09	20:05
FW20B-02-022609DMS	JWG0900763-2	J:\MS52\DATA\MS529C04.B\0304-27.D	03/04/09	20:32

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/04/2009
Time Analyzed: 08:58

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C04.B\0304-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900765

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	20.3	1569	PASS
75	95	30	60	49.2	3794	PASS
95	95	100	100	100.0	7718	PASS
96	95	5	9	6.2	481	PASS
173	174	0	2	1.0	67	PASS
174	95	50	120	91.0	7020	PASS
175	174	5	9	7.3	513	PASS
176	174	95	101	100.6	7060	PASS
177	176	5	9	5.4	379	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900765-2	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	09:29	
Lab Control Sample	JWG0900763-3	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	09:55	
Method Blank	JWG0900763-4	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	10:48	
FW99H-022609	J0900990-001	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	11:15	
FW20B-04-022609	J0900990-002	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	11:42	
FW20B-03-022609	J0900990-003	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	12:08	
FW20B-02-022609	J0900990-005	J:\MS52\DATA\MS529C04.B\0304-0	03/04/2009	12:34	
EB04-022609	J0900990-006	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	13:01	
FW20B-01-022609	J0900990-007	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	13:27	
FW22B-3-022609	J0900990-008	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	13:54	
FW16B-3-022609	J0900990-009	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	14:21	
FW99G-022609	J0900990-010	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	14:47	
FW16B-4-022609	J0900990-011	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	15:14	
FW16B-2-022609	J0900990-012	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	15:40	
FW16B-1-022609	J0900990-013	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	16:07	
FW12B-2-022609	J0900990-014	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	16:33	
FW12B-1-022609	J0900990-015	J:\MS52\DATA\MS529C04.B\0304-1	03/04/2009	17:00	
FW12B-3-022609	J0900990-016	J:\MS52\DATA\MS529C04.B\0304-2	03/04/2009	17:26	
FW12B-4-022609	J0900990-017	J:\MS52\DATA\MS529C04.B\0304-2	03/04/2009	17:53	
Trip Blank-022609	J0900990-018	J:\MS52\DATA\MS529C04.B\0304-2	03/04/2009	18:20	
FW20B-02-022609MS	JWG0900763-1	J:\MS52\DATA\MS529C04.B\0304-2	03/04/2009	20:05	
FW20B-02-022609DMS	JWG0900763-2	J:\MS52\DATA\MS529C04.B\0304-2	03/04/2009	20:32	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	E	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
B	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	F	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
C	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	G	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012
D	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012	H	\\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\012

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.05	B	2.0	1.08	C	5.0	1.06	D	20	1.20	E	50	1.21
	F	100	1.15	G	150	1.17	H	200	1.15						
‡ Toluene	A	1.0	2.75	B	2.0	2.80	C	5.0	2.61	D	20	2.92	E	50	2.84
	F	100	2.68	G	150	2.57	H	200	2.41						
‡ Ethylbenzene	A	1.0	2.99	B	2.0	2.90	C	5.0	2.79	D	20	3.15	E	50	3.07
	F	100	2.93	G	150	2.79	H	200	2.64						
m,p-Xylenes	A	2.0	1.14	B	4.0	1.10	C	10	1.09	D	40	1.22	E	100	1.18
	F	200	1.12	G	300	1.09	H	400	1.04						
o-Xylene	A	1.0	2.45	B	2.0	2.43	C	5.0	2.44	D	20	2.58	E	50	2.50
	F	100	2.37	G	150	2.30	H	200	2.20						
1,2-Dichloroethane-d4							C	10	0.150	D	20	0.149	E	50	0.169
	F	100	0.167	G	150	0.168	H	200	0.167						
4-Bromofluorobenzene							C	10	0.798	D	20	0.832	E	50	0.899
	F	100	0.903	G	150	0.884	H	200	0.860						
Toluene-d8							C	10	2.10	D	20	2.03	E	50	2.23
	F	100	2.24	G	150	2.13	H	200	1.98						
Dibromofluoromethane							C	10	0.231	D	20	0.235	E	50	0.260
	F	100	0.268	G	150	0.269	H	200	0.266						
† Chlorobenzene	A	1.0	1.92	B	2.0	1.76	C	5.0	1.78	D	20	1.89	E	50	1.86
	F	100	1.78	G	150	1.72	H	200	1.64						
‡ Chloroform	A	1.0	0.466	B	2.0	0.457	C	5.0	0.459	D	20	0.538	E	50	0.529
	F	100	0.513	G	150	0.519	H	200	0.518						
† Chloromethane	A	1.0	0.484	B	2.0	0.476	C	5.0	0.474	D	20	0.582	E	50	0.557
	F	100	0.497	G	150	0.468	H	200	0.440						
‡ Vinyl Chloride	A	1.0	0.382	B	2.0	0.354	C	5.0	0.395	D	20	0.468	E	50	0.442
	F	100	0.413	G	150	0.406	H	200	0.399						
† Bromoform				B	2.0	0.315	C	5.0	0.364	D	20	0.402	E	50	0.435
	F	100	0.452	G	150	0.443	H	200	0.432						

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.531	B	2.0	0.507	C	5.0	0.521	D	20	0.614	E	50	0.608
	F	100	0.585	G	150	0.598	H	200	0.588						
‡ 1,1-Dichloroethene	A	1.0	0.392	B	2.0	0.432	C	5.0	0.434	D	20	0.531	E	50	0.522
	F	100	0.507	G	150	0.514	H	200	0.507						
‡ 1,2-Dichloropropane	A	1.0	0.278	B	2.0	0.287	C	5.0	0.289	D	20	0.337	E	50	0.333
	F	100	0.322	G	150	0.322	H	200	0.323						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.676	B	2.0	0.640	C	5.0	0.664	D	20	0.711	E	50	0.668
	F	100	0.646	G	150	0.624	H	200	0.604						

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

† SPCC Compound ‡ CCC Compound

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 01/29/2009

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1737
Instrument ID: MS52.i

Column: DB-VRX

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	5.4		≤ 15	1.13		0.01
‡ Toluene	MS	AverageRF	% RSD	6.1		≤ 15	2.70		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	5.7		≤ 15	2.91		0.01
m,p-Xylenes	MS	AverageRF	% RSD	5.1		≤ 15	1.12		0.01
o-Xylene	MS	AverageRF	% RSD	4.9		≤ 15	2.41		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	5.9		≤ 15	0.162		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	4.8		≤ 15	0.863		
Toluene-d8	SURR	AverageRF	% RSD	4.9		≤ 15	2.12		
Dibromofluoromethane	SURR	AverageRF	% RSD	6.7		≤ 15	0.255		
† Chlorobenzene	MS	AverageRF	% RSD	5.2		≤ 15	1.79		0.3
‡ Chloroform	MS	AverageRF	% RSD	6.7		≤ 15	0.500		0.01
† Chloromethane	MS	AverageRF	% RSD	9.6		≤ 15	0.497		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	8.6		≤ 15	0.407		0.01
† Bromoform	MS	AverageRF	% RSD	12.3		≤ 15	0.406		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	7.5		≤ 15	0.569		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	10.9		≤ 15	0.480		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	7.4		≤ 15	0.311		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	5.0		≤ 15	0.654		0.3

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 01/29/2009
Date Analyzed: 01/29/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1737
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS52\DATA\MS529A29.B\0129-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	49	1.13	1.11	-2	NA	± 30 %	AverageRF
‡ Toluene	50	49	2.70	2.65	-2	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	49	2.91	2.82	-3	NA	± 30 %	AverageRF
m,p-Xylenes	100	97	1.12	1.09	-3	NA	± 30 %	AverageRF
o-Xylene	50	48	2.41	2.31	-4	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.654	0.637	-3	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	49	0.569	0.560	-2	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	49	0.480	0.474	-1	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.311	0.315	1	NA	± 30 %	AverageRF
† Bromoform	50	51	0.406	0.417	3	NA	± 30 %	AverageRF
† Chlorobenzene	50	48	1.79	1.72	-4	NA	± 30 %	AverageRF
‡ Chloroform	50	49	0.500	0.490	-2	NA	± 30 %	AverageRF
† Chloromethane	50	49	0.497	0.485	-2	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	48	0.407	0.389	-4	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/04/2009

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 01/29/2009
ICAL ID: CAL1737
Analysis Lot: JWG0900765
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS52\DATA\MS529C04.B\0304-02.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	47	0.01	1.13	1.06	-7	NA	± 30 %	AverageRF
‡ Toluene	50	43	0.01	2.70	2.34	-13	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	43	0.01	2.91	2.48	-15	NA	± 20 %	AverageRF
m,p-Xylenes	100	84	0.01	1.12	0.939	-16	NA	± 30 %	AverageRF
o-Xylene	50	42	0.01	2.41	2.01	-17	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	47		0.162	0.151	-7	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	46		0.863	0.798	-8	NA	± 30 %	AverageRF
Toluene-d8	50	46		2.12	1.96	-8	NA	± 30 %	AverageRF
Dibromofluoromethane	50	46		0.255	0.236	-7	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	50	0.3	0.654	0.656	0	NA	± 30 %	AverageRF
† Chlorobenzene	50	43	0.3	1.79	1.53	-14	NA	± 30 %	AverageRF
‡ Chloroform	50	46	0.01	0.500	0.459	-8	NA	± 20 %	AverageRF
† Chloromethane	50	47	0.1	0.497	0.464	-7	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	44	0.01	0.407	0.359	-12	NA	± 20 %	AverageRF
† Bromoform	50	49	0.1	0.406	0.399	-2	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	47	0.1	0.569	0.531	-7	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	43	0.01	0.480	0.411	-14	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.01	0.311	0.315	1	NA	± 20 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900765
Instrument ID: MS52.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0304-31.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:18		3/4/2009	22:18
\0304-32.D	ZZZZZZ	ZZZZZZ	3/4/2009	22:45		3/4/2009	22:45
\0304-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0900765-1	3/4/2009	08:58		3/4/2009	08:58
\0304-02.D	Continuing Calibration Verification	JWG0900765-2	3/4/2009	09:29		3/4/2009	09:29
\0304-03.D	Lab Control Sample	JWG0900763-3	3/4/2009	09:55		3/4/2009	09:55
\0304-05.D	Method Blank	JWG0900763-4	3/4/2009	10:48		3/4/2009	10:48
\0304-06.D	FW99H-022609	J0900990-001	3/4/2009	11:15		3/4/2009	11:15
\0304-07.D	FW20B-04-022609	J0900990-002	3/4/2009	11:42		3/4/2009	11:42
\0304-08.D	FW20B-03-022609	J0900990-003	3/4/2009	12:08		3/4/2009	12:08
\0304-09.D	FW20B-02-022609	J0900990-005	3/4/2009	12:34		3/4/2009	12:34
\0304-10.D	EB04-022609	J0900990-006	3/4/2009	13:01		3/4/2009	13:01
\0304-11.D	FW20B-01-022609	J0900990-007	3/4/2009	13:27		3/4/2009	13:27
\0304-12.D	FW22B-3-022609	J0900990-008	3/4/2009	13:54		3/4/2009	13:54
\0304-13.D	FW16B-3-022609	J0900990-009	3/4/2009	14:21		3/4/2009	14:21
\0304-14.D	FW99G-022609	J0900990-010	3/4/2009	14:47		3/4/2009	14:47
\0304-15.D	FW16B-4-022609	J0900990-011	3/4/2009	15:14		3/4/2009	15:14
\0304-16.D	FW16B-2-022609	J0900990-012	3/4/2009	15:40		3/4/2009	15:40
\0304-17.D	FW16B-1-022609	J0900990-013	3/4/2009	16:07		3/4/2009	16:07
\0304-18.D	FW12B-2-022609	J0900990-014	3/4/2009	16:33		3/4/2009	16:33
\0304-19.D	FW12B-1-022609	J0900990-015	3/4/2009	17:00		3/4/2009	17:00
\0304-20.D	FW12B-3-022609	J0900990-016	3/4/2009	17:26		3/4/2009	17:26
\0304-21.D	FW12B-4-022609	J0900990-017	3/4/2009	17:53		3/4/2009	17:53
\0304-22.D	Trip Blank-022609	J0900990-018	3/4/2009	18:20		3/4/2009	18:20
\0304-23.D	ZZZZZZ	ZZZZZZ	3/4/2009	18:46		3/4/2009	18:46
\0304-24.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:12		3/4/2009	19:12
\0304-25.D	ZZZZZZ	ZZZZZZ	3/4/2009	19:39		3/4/2009	19:39
\0304-26.D	FW20B-02-022609MS	JWG0900763-1	3/4/2009	20:05		3/4/2009	20:05
\0304-27.D	FW20B-02-022609DMS	JWG0900763-2	3/4/2009	20:32		3/4/2009	20:32
\0304-28.D	ZZZZZZ	ZZZZZZ	3/4/2009	20:58		3/4/2009	20:58
\0304-30.D	ZZZZZZ	ZZZZZZ	3/4/2009	21:51		3/4/2009	21:51

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0900763
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW99H-022609	J0900990-001	02/26/09	02/27/09	5ml	5ml	NA	
FW20B-04-022609	J0900990-002	02/26/09	02/27/09	5ml	5ml	NA	
FW20B-03-022609	J0900990-003	02/26/09	02/27/09	5ml	5ml	NA	
FW20B-02-022609	J0900990-005	02/26/09	02/27/09	5ml	5ml	NA	
EB04-022609	J0900990-006	02/26/09	02/27/09	5ml	5ml	NA	
FW20B-01-022609	J0900990-007	02/26/09	02/27/09	5ml	5ml	NA	
FW22B-3-022609	J0900990-008	02/26/09	02/27/09	5ml	5ml	NA	
FW16B-3-022609	J0900990-009	02/26/09	02/27/09	5ml	5ml	NA	
FW99G-022609	J0900990-010	02/26/09	02/27/09	5ml	5ml	NA	
FW16B-4-022609	J0900990-011	02/26/09	02/27/09	5ml	5ml	NA	
FW16B-2-022609	J0900990-012	02/26/09	02/27/09	5ml	5ml	NA	
FW16B-1-022609	J0900990-013	02/26/09	02/27/09	5ml	5ml	NA	
FW12B-2-022609	J0900990-014	02/26/09	02/27/09	5ml	5ml	NA	
FW12B-1-022609	J0900990-015	02/26/09	02/27/09	5ml	5ml	NA	
FW12B-3-022609	J0900990-016	02/26/09	02/27/09	5ml	5ml	NA	
FW12B-4-022609	J0900990-017	02/26/09	02/27/09	5ml	5ml	NA	
Trip Blank-022609	J0900990-018	02/26/09	02/27/09	5ml	5ml	NA	
Method Blank	JWG0900763-4	NA	NA	5ml	5ml	NA	
FW20B-02-022609MS	JWG0900763-1	02/26/09	02/27/09	5ml	5ml	NA	
FW20B-02-022609DMS	JWG0900763-2	02/26/09	02/27/09	5ml	5ml	NA	
Lab Control Sample	JWG0900763-3	NA	NA	5ml	5ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW99H-022609	J0900990-001	02/26/2009	02/27/2009
FW20B-04-022609	J0900990-002	02/26/2009	02/27/2009
FW20B-03-022609	J0900990-003	02/26/2009	02/27/2009
FW20B-02-022609	J0900990-005	02/26/2009	02/27/2009
EB04-022609	J0900990-006	02/26/2009	02/27/2009
FW20B-01-022609	J0900990-007	02/26/2009	02/27/2009
FW22B-3-022609	J0900990-008	02/26/2009	02/27/2009
FW16B-3-022609	J0900990-009	02/26/2009	02/27/2009
FW99G-022609	J0900990-010	02/26/2009	02/27/2009
FW16B-4-022609	J0900990-011	02/26/2009	02/27/2009
FW16B-2-022609	J0900990-012	02/26/2009	02/27/2009
FW16B-1-022609	J0900990-013	02/26/2009	02/27/2009
FW12B-2-022609	J0900990-014	02/26/2009	02/27/2009
FW12B-1-022609	J0900990-015	02/26/2009	02/27/2009
FW12B-3-022609	J0900990-016	02/26/2009	02/27/2009
FW12B-4-022609	J0900990-017	02/26/2009	02/27/2009
FW20B-02-022609DMS	JWG0900779-2	02/26/2009	02/27/2009
FW20B-02-022609MS	JWG0900779-4	02/26/2009	02/27/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: William Mark

Date: 3/19/9 Title: Chemist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99H-022609
Lab Code: J0900990-001

Extraction Method: EPA 3510C
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	6.5	0.55	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	6.5	0.84	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	6.5	1.0	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	6.5	1.1	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**140**		6.5	1.1	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	**6.0**	J	6.5	0.97	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	6.5	0.76	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**7.6**		6.5	1.3	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**4.1**	J	6.5	1.1	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**4.1**	J	6.5	1.2	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	26	0.88	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	**2.1**	J	6.5	0.91	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	6.5	0.93	1	03/04/09	03/17/09	JWG0900779	
Carbazole	**1.4**	J	6.5	0.97	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	6.5	0.86	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	6.5	1.1	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	6.5	1.2	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	6.5	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	6.5	0.71	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	6.5	0.82	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.72	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	6.5	0.81	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99H-022609	**Units:**	ug/L
Lab Code:	J0900990-001	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/17/09	Acceptable
Phenol-d6	14	10-51	03/17/09	Acceptable
Nitrobenzene-d5	50	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	50	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	75	30-143	03/17/09	Acceptable
Terphenyl-d14	72	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-04-022609	**Units:**	ug/L
Lab Code:	J0900990-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.44	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.2	0.66	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.2	0.80	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.2	0.82	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	ND	U	5.2	0.82	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.2	0.77	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.2	0.60	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.2	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.2	0.82	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.2	0.91	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	21	0.70	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.2	0.73	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.2	0.74	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.2	0.77	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.2	0.69	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.2	0.87	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.2	0.89	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.2	0.90	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.2	0.90	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.2	0.65	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.2	0.94	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-04-022609	**Units:**	ug/L
Lab Code:	J0900990-002	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	30	10-77	03/17/09	Acceptable
Phenol-d6	15	10-51	03/17/09	Acceptable
Nitrobenzene-d5	65	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	89	30-143	03/17/09	Acceptable
Terphenyl-d14	78	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW20B-03-022609
Lab Code: J0900990-003

Extraction Method: EPA 3510C
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	0.44	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.3	0.67	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.3	0.81	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	ND	U	5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.3	0.61	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.3	0.92	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	21	0.70	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.3	0.73	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.3	0.74	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.3	0.69	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.3	0.88	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.3	0.90	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.3	0.66	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW20B-03-022609
Lab Code: J0900990-003

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/17/09	Acceptable
Phenol-d6	15	10-51	03/17/09	Acceptable
Nitrobenzene-d5	62	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/17/09	Acceptable
2,4,6-Trihromophenol	86	30-143	03/17/09	Acceptable
Terphenyl-d14	77	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-02-022609	**Units:**	ug/L
Lab Code:	J0900990-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.46	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.4	0.69	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.4	0.83	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**96**		5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	**6.6**		5.4	0.80	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.4	0.63	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**38**		5.4	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**18**		5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**23**		5.4	0.95	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	22	0.73	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	**6.4**		5.4	0.76	1	03/04/09	03/17/09	JWG0900779	
Anthracene	**1.7**	J	5.4	0.77	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.4	0.80	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	**1.6**	J	5.4	0.71	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.4	0.91	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.4	0.93	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.4	0.94	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.4	0.94	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.4	0.59	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.4	0.68	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.60	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.4	0.67	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.4	0.98	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW20B-02-022609
Lab Code: J0900990-005

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/17/09	Acceptable
Phenol-d6	13	10-51	03/17/09	Acceptable
Nitrobenzene-d5	55	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	85	30-143	03/17/09	Acceptable
Terphenyl-d14	79	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB04-022609
Lab Code: J0900990-006

Extraction Method: EPA 3510C
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	5.5	0.47	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.5	0.71	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.5	0.85	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.5	0.87	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**2.1**	J	5.5	0.87	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.5	0.82	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.5	0.64	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.5	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.5	0.87	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.5	0.97	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	22	0.74	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.5	0.77	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.5	0.79	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.5	0.82	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.5	0.73	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.5	0.93	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.5	0.95	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.5	0.96	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.5	0.96	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.5	0.60	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.5	0.70	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.5	0.61	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.5	0.69	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.5	1.0	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB04-022609
Lab Code: J0900990-006

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/17/09	Acceptable
Phenol-d6	16	10-51	03/17/09	Acceptable
Nitrobenzene-d5	66	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	80	30-143	03/17/09	Acceptable
Terphenyl-d14	75	23-165	03/17/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW20B-01-022609	**Units:**	ug/L
Lab Code:	J0900990-007	**Basis:**	NA
Extraction Method:	EPA 3510C	**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	0.47	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.6	0.72	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.6	0.86	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**730**		56	8.8	10	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	**29**		5.6	0.83	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.6	0.65	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**53**		5.6	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**28**		5.6	0.88	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**33**		5.6	0.98	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	23	0.75	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	**27**		5.6	0.78	1	03/04/09	03/17/09	JWG0900779	
Anthracene	**3.4**	J	5.6	0.79	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.6	0.83	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	**7.2**		5.6	0.74	1	03/04/09	03/17/09	JWG0900779	
Pyrene	**3.6**	J	5.6	0.94	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.6	0.96	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.6	0.97	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.6	0.70	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW20B-01-022609
Lab Code: J0900990-007

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/17/09	Acceptable
Phenol-d6	14	10-51	03/17/09	Acceptable
Nitrobenzene-d5	48	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	59	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	84	30-143	03/17/09	Acceptable
Terphenyl-d14	75	23-165	03/17/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-3-022609	**Units:**	ug/L
Lab Code:	J0900990-008	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.3	0.53	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	6.3	0.80	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	6.3	0.97	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	6.3	0.99	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**48**		6.3	0.99	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	**3.1**	J	6.3	0.93	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	6.3	0.73	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**21**		6.3	1.3	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**2.1**	J	6.3	0.99	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**4.1**	J	6.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	25	0.84	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	6.3	0.88	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	6.3	0.89	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	6.3	0.93	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	6.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	6.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	6.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	6.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	6.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	6.3	0.68	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	6.3	0.79	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	6.3	0.69	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	6.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	6.3	1.2	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW22B-3-022609	**Units:**	ug/L
Lab Code:	J0900990-008	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	25	10-77	03/17/09	Acceptable
Phenol-d6	13	10-51	03/17/09	Acceptable
Nitrobenzene-d5	51	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	54	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	73	30-143	03/17/09	Acceptable
Terphenyl-d14	72	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-3-022609
Lab Code: J0900990-009

Extraction Method: EPA 3510C
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	0.45	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.3	0.68	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.3	0.82	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.3	0.84	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**1.1**	J JB	5.3	0.84	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.3	0.62	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.3	0.84	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.3	0.93	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	22	0.71	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.3	0.74	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.3	0.75	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.3	0.70	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.3	0.89	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.3	0.92	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.3	0.92	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.3	0.67	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.3	0.66	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.3	0.96	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-3-022609
Lab Code: J0900990-009

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/17/09	Acceptable
Phenol-d6	14	10-51	03/17/09	Acceptable
Nitrobenzene-d5	60	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	59	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	80	30-143	03/17/09	Acceptable
Terphenyl-d14	73	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99G-022609
Lab Code: J0900990-010

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Aualyzed	Extraction Lot	Note
Phenol	ND	U	5.9	0.49	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.9	0.75	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.9	0.90	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**42**		5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	**2.7**	J	5.9	0.87	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.9	0.68	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**18**		5.9	1.2	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**1.9**	J	5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**3.5**	J	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	24	0.78	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.9	0.82	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.9	0.83	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.9	0.87	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.9	0.77	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.9	0.98	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.9	1.0	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.9	0.74	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99G-022609
Lab Code: J0900990-010

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/17/09	Acceptable
Phenol-d6	12	10-51	03/17/09	Acceptable
Nitrobenzene-d5	47	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	50	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	69	30-143	03/17/09	Acceptable
Terphenyl-d14	72	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-4-022609
Lab Code: J0900990-011

Extraction Method: EPA 3510C
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	5.9	0.49	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.9	0.75	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.9	0.90	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	1.7	J	5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.9	0.87	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.9	0.68	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.9	1.2	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.9	0.92	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	24	0.78	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.9	0.82	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.9	0.83	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.9	0.87	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.9	0.77	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.9	0.98	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.9	1.0	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.9	0.63	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.9	0.74	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.64	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW16B-4-022609	**Units:**	ug/L
Lab Code:	J0900990-011	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	03/17/09	Acceptable
Phenol-d6	15	10-51	03/17/09	Acceptable
Nitrobenzene-d5	61	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	83	30-143	03/17/09	Acceptable
Terphenyl-d14	73	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-2-022609
Lab Code: J0900990-012

Extraction Method: EPA 3510C
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	5.4	0.45	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.4	0.69	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.4	0.82	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**1.5**	~~Y~~ JB	5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.4	0.79	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.4	0.62	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.4	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.4	0.85	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.4	0.94	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	22	0.72	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.4	0.75	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.4	0.76	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.4	0.79	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.4	0.71	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.4	0.90	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.4	0.92	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.4	0.93	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.4	0.93	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.4	0.58	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.4	0.68	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.4	0.59	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.4	0.66	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.4	0.97	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-2-022609
Lab Code: J0900990-012

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	22	10-77	03/17/09	Acceptable
Phenol-d6	14	10-51	03/17/09	Acceptable
Nitrobenzene-d5	56	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	54	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	65	30-143	03/17/09	Acceptable
Terphenyl-d14	81	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-1-022609
Lab Code: J0900990-013

Extraction Method: EPA 3510C
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	0.44	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	**6.5**		5.3	0.67	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.3	0.81	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	**120**		53	8.3	10	03/04/09	03/18/09	JWG0900779	
Naphthalene	**24**		5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.3	0.61	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.3	0.92	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	21	0.70	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.3	0.73	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.3	0.74	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.3	0.69	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.3	0.88	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.3	0.90	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.3	0.66	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW16B-1-022609
Lab Code: J0900990-013

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/17/09	Acceptable
Phenol-d6	12	10-51	03/17/09	Acceptable
Nitrobenzene-d5	51	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	53	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	76	30-143	03/17/09	Acceptable
Terphenyl-d14	66	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-2-022609
Lab Code: J0900990-014

Extraction Method: EPA 3510C
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	5.6	0.47	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	**7.9**		5.6	0.72	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.6	0.86	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**1.2**	J JB	5.6	0.88	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.6	0.83	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.6	0.65	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.6	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.6	0.88	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.6	0.98	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	23	0.75	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.6	0.78	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.6	0.79	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.6	0.83	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.6	0.74	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.6	0.94	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.6	0.96	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.6	0.97	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.6	0.70	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-2-022609
Lab Code: J0900990-014

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	20	10-77	03/17/09	Acceptable
Phenol-d6	13	10-51	03/17/09	Acceptable
Nitrobenzene-d5	51	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	51	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	56	30-143	03/17/09	Acceptable
Terphenyl-d14	74	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-1-022609
Lab Code: J0900990-015

Extraction Method: EPA 3510C
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	**1.3**	J J	6.7	0.56	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	**25**		6.7	0.86	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	**2.1**	J J	6.7	1.1	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	**38**		6.7	1.1	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**65**		6.7	1.1	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	6.7	0.99	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	6.7	0.78	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	6.7	1.4	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	6.7	1.1	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	6.7	1.2	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	27	0.90	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	6.7	0.94	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	6.7	0.95	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	6.7	0.99	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	6.7	0.88	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	6.7	1.2	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	6.7	1.2	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	6.7	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	6.7	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	6.7	0.72	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	6.7	0.84	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	6.7	0.74	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	6.7	0.83	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	6.7	1.3	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-1-022609
Lab Code: J0900990-015

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/17/09	Acceptable
Phenol-d6	15	10-51	03/17/09	Acceptable
Nitrobenzene-d5	55	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	56	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	73	30-143	03/17/09	Acceptable
Terphenyl-d14	74	23-165	03/17/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0900990
Project:	Gainesville, FL/OM045009-091	**Date Collected:**	02/26/2009
Sample Matrix:	Water	**Date Received:**	02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-3-022609	**Units:**	ug/L
Lab Code:	J0900990-016	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.6	0.56	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	6.6	0.85	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	6.6	1.1	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	6.6	1.1	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**750**		66	11	10	03/04/09	03/18/09	JWG0900779	
2-Methylnaphthalene	**36**		6.6	0.98	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	6.6	0.77	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**64**		6.6	1.4	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**26**		6.6	1.1	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**30**		6.6	1.2	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	27	0.89	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	**23**		6.6	0.93	1	03/04/09	03/17/09	JWG0900779	
Anthracene	**2.7**	J	6.6	0.94	1	03/04/09	03/17/09	JWG0900779	
Carbazole	**1.3**	J	6.6	0.98	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	6.6	0.87	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	6.6	1.2	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	6.6	1.2	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	6.6	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	6.6	1.2	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	6.6	0.72	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	6.6	0.83	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	6.6	0.73	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	6.6	0.82	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	6.6	1.2	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-3-022609
Lab Code: J0900990-016

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	27	10-77	03/17/09	Acceptable
Phenol-d6	14	10-51	03/17/09	Acceptable
Nitrobenzene-d5	47	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	63	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	81	30-143	03/17/09	Acceptable
Terphenyl-d14	63	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-4-022609
Lab Code: J0900990-017

Extraction Method: EPA 3510C
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	0.44	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.3	0.67	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.3	0.81	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	**590**		53	8.3	10	03/04/09	03/18/09	JWG0900779	
2-Methylnaphthalene	**24**		5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.3	0.61	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	**44**		5.3	1.1	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	**28**		5.3	0.83	1	03/04/09	03/17/09	JWG0900779	
Fluorene	**28**		5.3	0.92	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	21	0.70	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.3	0.73	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.3	0.74	1	03/04/09	03/17/09	JWG0900779	
Carbazole	**20**		5.3	0.78	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.3	0.69	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.3	0.88	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.3	0.90	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.3	0.91	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.3	0.66	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	03/04/09	03/17/09	JWG0900779	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: 02/26/2009
Date Received: 02/27/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-4-022609
Lab Code: J0900990-017

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	26	10-77	03/17/09	Acceptable
Phenol-d6	13	10-51	03/17/09	Acceptable
Nitrobenzene-d5	46	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	60	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	84	30-143	03/17/09	Acceptable
Terphenyl-d14	68	23-165	03/17/09	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900779-1

Extraction Method: EPA 3510C
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	5.0	0.42	1	03/04/09	03/17/09	JWG0900779	
2-Methylphenol	ND	U	5.0	0.64	1	03/04/09	03/17/09	JWG0900779	
4-Methylphenol†	ND	U	5.0	0.77	1	03/04/09	03/17/09	JWG0900779	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	03/04/09	03/17/09	JWG0900779	
Naphthalene	ND	U	5.0	0.79	1	03/04/09	03/17/09	JWG0900779	
2-Methylnaphthalene	ND	U	5.0	0.74	1	03/04/09	03/17/09	JWG0900779	
Acenaphthylene	ND	U	5.0	0.58	1	03/04/09	03/17/09	JWG0900779	
Acenaphthene	ND	U	5.0	0.99	1	03/04/09	03/17/09	JWG0900779	
Dibenzofuran	ND	U	5.0	0.79	1	03/04/09	03/17/09	JWG0900779	
Fluorene	ND	U	5.0	0.88	1	03/04/09	03/17/09	JWG0900779	
Pentachlorophenol	ND	U	20	0.67	1	03/04/09	03/17/09	JWG0900779	
Phenanthrene	ND	U	5.0	0.70	1	03/04/09	03/17/09	JWG0900779	
Anthracene	ND	U	5.0	0.71	1	03/04/09	03/17/09	JWG0900779	
Carbazole	ND	U	5.0	0.74	1	03/04/09	03/17/09	JWG0900779	
Fluoranthene	ND	U	5.0	0.66	1	03/04/09	03/17/09	JWG0900779	
Pyrene	ND	U	5.0	0.84	1	03/04/09	03/17/09	JWG0900779	
Benz(a)anthracene	ND	U	5.0	0.86	1	03/04/09	03/17/09	JWG0900779	
Chrysene	ND	U	5.0	0.87	1	03/04/09	03/17/09	JWG0900779	
Benzo(b)fluoranthene	ND	U	5.0	0.87	1	03/04/09	03/17/09	JWG0900779	
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	03/04/09	03/17/09	JWG0900779	
Benzo(a)pyrene	ND	U	5.0	0.63	1	03/04/09	03/17/09	JWG0900779	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	03/04/09	03/17/09	JWG0900779	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	03/04/09	03/17/09	JWG0900779	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	03/04/09	03/17/09	JWG0900779	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Componnds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900779-1

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	34	10-77	03/17/09	Acceptable
Phenol-d6	16	10-51	03/17/09	Acceptable
Nitrobenzene-d5	71	32-106	03/17/09	Acceptable
2-Fluorobiphenyl	67	30-102	03/17/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/17/09	Acceptable
Terphenyl-d14	81	23-165	03/17/09	Acceptable

† Analyte Comments

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FW99H-022609	J0900990-001	27	14	50	50	75	72
FW20B-04-022609	J0900990-002	30	15	65	62	89	78
FW20B-03-022609	J0900990-003	29	15	62	62	86	77
FW20B-02-022609	J0900990-005	27	13	55	56	85	79
EB04-022609	J0900990-006	31	16	66	63	80	75
FW20B-01-022609	J0900990-007	28	14	48	59	84	75
FW22B-3-022609	J0900990-008	25	13	51	54	73	72
FW16B-3-022609	J0900990-009	29	14	60	59	80	73
FW99G-022609	J0900990-010	24	12	47	50	69	72
FW16B-4-022609	J0900990-011	31	15	61	62	83	73
FW16B-2-022609	J0900990-012	22	14	56	54	65	81
FW16B-1-022609	J0900990-013	24	12	51	53	76	66
FW12B-2-022609	J0900990-014	20	13	51	51	56	74
FW12B-1-022609	J0900990-015	27	15	55	56	73	74
FW12B-3-022609	J0900990-016	27	14	47	63	81	63
FW12B-4-022609	J0900990-017	26	13	46	60	84	68
Method Blank	JWG0900779-1	34	16	71	67	87	81
FW20B-02-022609DMS	JWG0900779-2	28	15	52	52	73	61
FW20B-02-022609MS	JWG0900779-4	34	19	66	64	95	71
Lab Control Sample	JWG0900779-3	38	20	82	77	102	81

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-143
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-165
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/16/2009
Time Analyzed: 20:53

Internal Standard Area and RT Summary
Semi-Volatile Organic Componnds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900913-2
Analysis Lot: JWG0900913
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,073,711	7.59	3,553,214	9.48	2,316,046	12.91
	Upper Limit ==>	2,147,422	8.09	7,106,428	9.98	4,632,092	13.41
	Lower Limit ==>	536,856	7.09	1,776,607	8.98	1,158,023	12.41
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW99H-022609	J0900990-001	1,199,715	7.59	4,142,599	9.49	2,644,308	12.91
FW20B-04-022609	J0900990-002	1,247,668	7.59	4,216,967	9.48	2,752,183	12.91
FW20B-03-022609	J0900990-003	1,204,962	7.58	4,116,124	9.49	2,688,192	12.91
FW20B-02-022609	J0900990-005	1,346,404	7.59	4,718,316	9.50	3,066,288	12.92
FW20B-02-022609MS	JWG0900779-4	1,177,200	7.60	4,090,258	9.50	2,601,666	12.93
FW20B-02-022609DMS	JWG0900779-2	1,050,650	7.59	3,674,768	9.50	2,336,898	12.92
EB04-022609	J0900990-006	1,026,739	7.59	3,478,732	9.48	2,350,190	12.91
FW20B-01-022609	J0900990-007	1,263,262	7.59	5,284,234	9.51	2,829,606	12.91

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/16/2009
Time Analyzed: 20:53

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900913-2
Analysis Lot: JWG0900913
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,728,292	16.19	2,859,728	21.84	2,878,965	24.15
	Upper Limit ==>	7,456,584	16.69	5,719,456	22.34	5,757,930	24.65
	Lower Limit ==>	1,864,146	15.69	1,429,864	21.34	1,439,483	23.65
	ICAL Resnlt ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW99H-022609	J0900990-001	4,213,334	16.19	2,896,744	21.84	2,808,909	24.14
FW20B-04-022609	J0900990-002	4,472,821	16.19	3,315,979	21.84	3,174,734	24.15
FW20B-03-022609	J0900990-003	4,404,281	16.19	3,337,716	21.85	3,252,031	24.15
FW20B-02-022609	J0900990-005	4,994,609	16.20	3,487,707	21.84	3,579,490	24.15
FW20B-02-022609MS	JWG0900779-4	4,247,991	16.21	2,995,839	21.85	3,033,044	24.16
FW20B-02-022609DMS	JWG0900779-2	3,785,443	16.20	2,767,704	21.85	2,792,774	24.16
EB04-022609	J0900990-006	3,887,156	16.20	3,130,095	21.84	2,898,167	24.15
FW20B-01-022609	J0900990-007	4,546,812	16.20	3,068,625	21.84	3,221,564	24.15

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/17/2009
Time Analyzed: 10:44

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C17\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900937-2
Analysis Lot: JWG0900937
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,076,350	7.58	3,519,701	9.48	2,156,544	12.92
	Upper Limit ==>	2,152,700	8.08	7,039,402	9.98	4,313,088	13.42
	Lower Limit ==>	538,175	7.08	1,759,851	8.98	1,078,272	12.42
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
Method Blank	JWG0900779-1	970,331	7.58	3,203,722	9.48	2,061,702	12.93
Lab Control Sample	JWG0900779-3	949,585	7.58	3,092,179	9.50	1,968,764	12.94
FW20B-01-022609DL	J0900990-007	920,743	7.57	3,065,396	9.49	1,994,700	12.93
FW22B-3-022609	J0900990-008	1,011,723	7.58	3,396,767	9.49	2,156,909	12.93
FW16B-3-022609	J0900990-009	1,016,782	7.58	3,342,947	9.49	2,142,684	12.93
FW99G-022609	J0900990-010	1,145,087	7.58	3,786,193	9.50	2,418,639	12.93
FW16B-4-022609	J0900990-011	1,103,736	7.57	3,627,340	9.49	2,302,655	12.93
FW16B-2-022609	J0900990-012	1,088,753	7.57	3,623,803	9.48	2,324,532	12.93
FW16B-1-022609	J0900990-013	995,528	7.56	3,335,020	9.50	2,097,393	12.93
FW12B-2-022609	J0900990-014	865,473	7.57	2,849,562	9.49	1,795,723	12.93
FW12B-1-022609	J0900990-015	1,072,606	7.57	3,700,034	9.49	2,361,120	12.93
FW12B-3-022609	J0900990-016	977,497	7.56	4,170,912	9.52	2,018,396	12.93
FW12B-4-022609	J0900990-017	1,093,461	7.56	4,577,863	9.52	2,289,773	12.93

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/17/2009
Time Analyzed: 10:44

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C17\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900937-2
Analysis Lot: JWG0900937
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	3,388,500	16.20	2,557,817	21.85	2,339,452	24.16
	Upper Limit ==>	6,777,000	16.70	5,115,634	22.35	4,678,904	24.66
	Lower Limit ==>	1,694,250	15.70	1,278,909	21.35	1,169,726	23.66
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
Method Blank	JWG0900779-1	3,280,299	16.21	2,514,544	21.87	2,255,749	24.19
Lab Control Sample	JWG0900779-3	3,098,144	16.22	2,414,261	21.89	2,252,277	24.19
FW20B-01-022609DL	J0900990-007	3,108,383	16.22	2,394,560	21.87	2,140,714	24.19
FW22B-3-022609	J0900990-008	3,419,022	16.23	2,515,937	21.88	2,359,590	24.19
FW16B-3-022609	J0900990-009	3,307,404	16.22	2,555,006	21.88	2,399,124	24.19
FW99G-022609	J0900990-010	3,869,499	16.22	2,772,091	21.87	2,660,889	24.19
FW16B-4-022609	J0900990-011	3,683,058	16.23	2,740,389	21.88	2,522,073	24.19
FW16B-2-022609	J0900990-012	3,511,472	16.22	2,586,287	21.87	2,356,932	24.19
FW16B-1-022609	J0900990-013	3,250,999	16.22	2,402,148	21.88	2,400,541	24.19
FW12B-2-022609	J0900990-014	2,823,326	16.22	2,116,402	21.87	1,917,084	24.20
FW12B-1-022609	J0900990-015	3,731,262	16.22	2,734,646	21.88	2,502,419	24.19
FW12B-3-022609	J0900990-016	3,146,920	16.22	2,265,215	21.87	2,208,065	24.20
FW12B-4-022609	J0900990-017	3,638,719	16.22	2,686,869	21.87	2,699,629	24.20

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/18/2009
Time Analyzed: 14:21

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C18\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900956-2
Analysis Lot: JWG0900956
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	867,725	7.57	2,831,958	9.49	1,858,402	12.93
	Upper Limit ==>	1,735,450	8.07	5,663,916	9.99	3,716,804	13.43
	Lower Limit ==>	433,863	7.07	1,415,979	8.99	929,201	12.43
	ICAL Result ==>	1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW16B-1-022609DL	J0900990-013	856,645	7.56	2,838,213	9.50	1,868,289	12.93
FW12B-3-022609DL	J0900990-016	781,546	7.56	2,708,918	9.48	1,752,962	12.92
FW12B-4-022609DL	J0900990-017	910,910	7.57	3,063,007	9.49	1,994,254	12.92

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/18/2009
Time Analyzed: 14:21

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C18\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900956-2
Analysis Lot: JWG0900956
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	2,756,642	16.22	2,527,793	21.90	2,456,139	24.23
	Upper Limit ==>	5,513,284	16.72	5,055,586	22.40	4,912,278	24.73
	Lower Limit ==>	1,378,321	15.72	1,263,897	21.40	1,228,070	23.73
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW16B-1-022609DL	J0900990-013	3,068,925	16.22	2,631,354	21.89	2,524,936	24.21
FW12B-3-022609DL	J0900990-016	2,913,599	16.21	2,432,431	21.88	2,313,659	24.21
FW12B-4-022609DL	J0900990-017	3,310,719	16.21	2,771,262	21.88	2,609,332	24.21

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/17/2009

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

Sample Name: FW20B-02-022609
Lab Code: J0900990-005

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low
Extraction Lot: JWG0900779

Analyte Name	Sample Result	FW20B-02-022609MS JWG0900779-4 Matrix Spike			FW20B-02-022609DMS JWG0900779-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Resnlt	Expected	%Rec			
Phenol	ND	13.7	54.3	25	11.5	53.8	21	10-70	17	30
2-Methylphenol	ND	31.7	54.3	58	25.8	53.8	48	32-96	21	30
4-Methylphenol	ND	63.3	81.5	78	51.0	80.6	63	12-106	22	30
2,4-Dimethylphenol	ND	38.3	54.3	70	30.5	53.8	57	35-88	23	30
Naphthalene	96	144	54.3	89	122	53.8	49	41-93	17	30
2-Methylnaphthalene	6.6	42.6	54.3	66	37.3	53.8	57	48-91	13	30
Acenaphthylene	ND	37.3	54.3	69	30.2	53.8	56	46-95	21	30
Acenaphthene	38	87.2	54.3	90	70.1	53.8	59	48-96	22	30
Dibenzofuran	18	63.6	54.3	84	51.4	53.8	63	49-101	21	30
Fluorene	23	71.3	54.3	90	56.4	53.8	63	54-95	23	30
Pentachlorophenol	ND	51.7	54.3	95	41.1	53.8	76	18-141	23	30
Phenanthrene	6.4	51.3	54.3	83	40.4	53.8	63	49-95	24	30
Anthracene	1.7	38.9	54.3	68	34.6	53.8	61	50-101	12	30
Carbazole	ND	40.9	54.3	75	33.7	53.8	63	52-126	19	30
Fluoranthene	1.6	40.3	54.3	71	37.4	53.8	66	48-103	7	30
Pyrene	ND	39.2	54.3	72	31.3	53.8	58	49-103	23	30
Benz(a)anthracene	ND	44.8	54.3	82	36.0	53.8	67	40-104	22	30
Chrysene	ND	37.6	54.3	69	35.0	53.8	65	47-105	7	30
Benzo(b)fluoranthene	ND	43.3	54.3	80	35.0	53.8	65	54-105	21	30
Benzo(k)fluoranthene	ND	42.9	54.3	79	37.5	53.8	70	50-101	13	30
Benzo(a)pyrene	ND	37.5	54.3	69	30.9	53.8	58	48-100	19	30
Indeno(1,2,3-cd)pyrene	ND	45.1	54.3	83	38.9	53.8	72	50-115	15	30
Dibenz(a,h)anthracene	ND	46.9	54.3	86	40.1	53.8	75	44-124	15	30
Benzo(g,h,i)perylene	ND	43.2	54.3	79	37.5	53.8	70	51-114	14	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/17/2009

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900779

Analyte Name	Lab Control Sample JWG0900779-3 Lab Control Spike Result	Expected	%Rec	%Rec Limits
Phenol	12.9	50.0	26	12-54
2-Methylphenol	32.1	50.0	64	21-100
4-Methylphenol	60.6	75.0	81	15-95
2,4-Dimethylphenol	32.1	50.0	64	38-110
Naphthalene	35.5	50.0	71	40-97
2-Methylnaphthalene	38.1	50.0	76	46-110
Acenaphthylene	40.2	50.0	80	45-99
Acenaphthene	40.6	50.0	81	42-106
Dibenzofuran	43.3	50.0	87	49-103
Fluorene	44.7	50.0	89	54-97
Pentachlorophenol	53.0	50.0	106	35-120
Phenanthrene	39.4	50.0	79	49-110
Anthracene	42.1	50.0	84	50-104
Carbazole	43.0	50.0	86	48-118
Fluoranthene	44.1	50.0	88	48-110
Pyrene	39.5	50.0	79	35-110
Benz(a)anthracene	44.5	50.0	89	42-114
Chrysene	46.1	50.0	92	50-113
Benzo(b)fluoranthene	47.5	50.0	95	56-110
Benzo(k)fluoranthene	44.7	50.0	89	48-110
Benzo(a)pyrene	38.3	50.0	77	46-110
Indeno(1,2,3-cd)pyrene	46.3	50.0	93	54-115
Dibenz(a,h)anthracene	48.1	50.0	96	51-125
Benzo(g,h,i)perylene	44.9	50.0	90	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: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/17/2009
Time Analyzed: 12:41

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900779-1

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C17\0317-06.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900779

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
FW99H-022609	J0900990-001	J:\MS01\DATA\MS019C16\0316-31.D	03/17/09	04:01
FW20B-04-022609	J0900990-002	J:\MS01\DATA\MS019C16\0316-32.D	03/17/09	04:40
FW20B-03-022609	J0900990-003	J:\MS01\DATA\MS019C16\0316-33.D	03/17/09	05:18
FW20B-02-022609	J0900990-005	J:\MS01\DATA\MS019C16\0316-34.D	03/17/09	05:56
FW20B-02-022609MS	JWG0900779-4	J:\MS01\DATA\MS019C16\0316-35.D	03/17/09	06:34
FW20B-02-022609DMS	JWG0900779-2	J:\MS01\DATA\MS019C16\0316-36.D	03/17/09	07:13
EB04-022609	J0900990-006	J:\MS01\DATA\MS019C16\0316-37.D	03/17/09	07:51
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C16\0316-38.D	03/17/09	08:30
Lab Control Sample	JWG0900779-3	J:\MS01\DATA\MS019C17\0317-07.D	03/17/09	13:20
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C17\0317-08.D	03/17/09	13:59
FW22B-3-022609	J0900990-008	J:\MS01\DATA\MS019C17\0317-09.D	03/17/09	14:38
FW16B-3-022609	J0900990-009	J:\MS01\DATA\MS019C17\0317-10.D	03/17/09	15:16
FW99G-022609	J0900990-010	J:\MS01\DATA\MS019C17\0317-11.D	03/17/09	15:55
FW16B-4-022609	J0900990-011	J:\MS01\DATA\MS019C17\0317-12.D	03/17/09	16:33
FW16B-2-022609	J0900990-012	J:\MS01\DATA\MS019C17\0317-13.D	03/17/09	17:12
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C17\0317-14.D	03/17/09	17:51
FW12B-2-022609	J0900990-014	J:\MS01\DATA\MS019C17\0317-15.D	03/17/09	18:29
FW12B-1-022609	J0900990-015	J:\MS01\DATA\MS019C17\0317-16.D	03/17/09	19:08
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C17\0317-17.D	03/17/09	19:46
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C17\0317-18.D	03/17/09	20:25
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C18\0318-05.D	03/18/09	15:01
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C18\0318-06.D	03/18/09	15:40
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C18\0318-07.D	03/18/09	16:19

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009
Date Analyzed: 03/17/2009
Time Analyzed: 13:20

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

Sample Name: Lab Control Sample
Lab Code: JWG0900779-3

Extraction Method: EPA 3510C
Analysis Method: 8270C

File ID: J:\MS01\DATA\MS019C17\0317-07.D
Instrument ID: MS01.i

Level: Low
Extraction Lot: JWG0900779

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
FW99H-022609	J0900990-001	J:\MS01\DATA\MS019C16\0316-31.D	03/17/09	04:01
FW20B-04-022609	J0900990-002	J:\MS01\DATA\MS019C16\0316-32.D	03/17/09	04:40
FW20B-03-022609	J0900990-003	J:\MS01\DATA\MS019C16\0316-33.D	03/17/09	05:18
FW20B-02-022609	J0900990-005	J:\MS01\DATA\MS019C16\0316-34.D	03/17/09	05:56
FW20B-02-022609MS	JWG0900779-4	J:\MS01\DATA\MS019C16\0316-35.D	03/17/09	06:34
FW20B-02-022609DMS	JWG0900779-2	J:\MS01\DATA\MS019C16\0316-36.D	03/17/09	07:13
EB04-022609	J0900990-006	J:\MS01\DATA\MS019C16\0316-37.D	03/17/09	07:51
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C16\0316-38.D	03/17/09	08:30
Method Blank	JWG0900779-1	J:\MS01\DATA\MS019C17\0317-06.D	03/17/09	12:41
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C17\0317-08.D	03/17/09	13:59
FW22B-3-022609	J0900990-008	J:\MS01\DATA\MS019C17\0317-09.D	03/17/09	14:38
FW16B-3-022609	J0900990-009	J:\MS01\DATA\MS019C17\0317-10.D	03/17/09	15:16
FW99G-022609	J0900990-010	J:\MS01\DATA\MS019C17\0317-11.D	03/17/09	15:55
FW16B-4-022609	J0900990-011	J:\MS01\DATA\MS019C17\0317-12.D	03/17/09	16:33
FW16B-2-022609	J0900990-012	J:\MS01\DATA\MS019C17\0317-13.D	03/17/09	17:12
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C17\0317-14.D	03/17/09	17:51
FW12B-2-022609	J0900990-014	J:\MS01\DATA\MS019C17\0317-15.D	03/17/09	18:29
FW12B-1-022609	J0900990-015	J:\MS01\DATA\MS019C17\0317-16.D	03/17/09	19:08
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C17\0317-17.D	03/17/09	19:46
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C17\0317-18.D	03/17/09	20:25
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C18\0318-05.D	03/18/09	15:01
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C18\0318-06.D	03/18/09	15:40
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C18\0318-07.D	03/18/09	16:19

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/16/2009
Time Analyzed: 20:35

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-19B.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900913

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	49.0	91168	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	47.1	87600	PASS
70	69	0	2	0.6	566	PASS
127	198	40	60	40.0	74448	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	186112	PASS
199	198	5	9	6.6	12232	PASS
275	198	10	30	22.3	41504	PASS
365	198	1	100	2.7	5117	PASS
441	443	0	100	89.6	20640	PASS
442	198	40	200	64.9	120856	PASS
443	442	17	23	19.1	23040	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900913-2	J:\MS01\DATA\MS019C16\0316-20.	03/16/2009	20:53	
FW99H-022609	J0900990-001	J:\MS01\DATA\MS019C16\0316-31.	03/17/2009	04:01	
FW20B-04-022609	J0900990-002	J:\MS01\DATA\MS019C16\0316-32.	03/17/2009	04:40	
FW20B-03-022609	J0900990-003	J:\MS01\DATA\MS019C16\0316-33.	03/17/2009	05:18	
FW20B-02-022609	J0900990-005	J:\MS01\DATA\MS019C16\0316-34.	03/17/2009	05:56	
FW20B-02-022609MS	JWG0900779-4	J:\MS01\DATA\MS019C16\0316-35.	03/17/2009	06:34	
FW20B-02-022609DMS	JWG0900779-2	J:\MS01\DATA\MS019C16\0316-36.	03/17/2009	07:13	
EB04-022609	J0900990-006	J:\MS01\DATA\MS019C16\0316-37.	03/17/2009	07:51	
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C16\0316-38.	03/17/2009	08:30	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/17/2009
Time Analyzed: 10:25

Tune Summary
Semi-Volatile Organic Componnds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C17\0317-02.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900937

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	52.9	87408	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	51.1	84528	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	43.3	71600	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	165376	PASS
199	198	5	9	7.1	11791	PASS
275	198	10	30	22.1	36512	PASS
365	198	1	100	2.5	4189	PASS
441	443	0	100	90.0	16170	PASS
442	198	40	200	56.8	93888	PASS
443	442	17	23	19.1	17960	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900937-2	J:\MS01\DATA\MS019C17\0317-03.	03/17/2009	10:44	
Method Blank	JWG0900779-1	J:\MS01\DATA\MS019C17\0317-06.	03/17/2009	12:41	
Lab Control Sample	JWG0900779-3	J:\MS01\DATA\MS019C17\0317-07.	03/17/2009	13:20	
FW20B-01-022609	J0900990-007	J:\MS01\DATA\MS019C17\0317-08.	03/17/2009	13:59	
FW22B-3-022609	J0900990-008	J:\MS01\DATA\MS019C17\0317-09.	03/17/2009	14:38	
FW16B-3-022609	J0900990-009	J:\MS01\DATA\MS019C17\0317-10.	03/17/2009	15:16	
FW99G-022609	J0900990-010	J:\MS01\DATA\MS019C17\0317-11.	03/17/2009	15:55	
FW16B-4-022609	J0900990-011	J:\MS01\DATA\MS019C17\0317-12.	03/17/2009	16:33	
FW16B-2-022609	J0900990-012	J:\MS01\DATA\MS019C17\0317-13.	03/17/2009	17:12	
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C17\0317-14.	03/17/2009	17:51	
FW12B-2-022609	J0900990-014	J:\MS01\DATA\MS019C17\0317-15.	03/17/2009	18:29	
FW12B-1-022609	J0900990-015	J:\MS01\DATA\MS019C17\0317-16.	03/17/2009	19:08	
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C17\0317-17.	03/17/2009	19:46	
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C17\0317-18.	03/17/2009	20:25	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/18/2009
Time Analyzed: 14:04

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C18\0318-03.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0900956

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	51.2	81032	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	49.6	78528	PASS
70	69	0	2	0.7	546	PASS
127	198	40	60	41.0	64920	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	158336	PASS
199	198	5	9	6.8	10802	PASS
275	198	10	30	22.4	35408	PASS
365	198	1	100	2.7	4275	PASS
441	443	0	100	96.1	18688	PASS
442	198	40	200	69.1	109344	PASS
443	442	17	23	17.8	19440	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900956-2	J:\MS01\DATA\MS019C18\0318-04.	03/18/2009	14:21	
FW16B-1-022609	J0900990-013	J:\MS01\DATA\MS019C18\0318-05.	03/18/2009	15:01	
FW12B-3-022609	J0900990-016	J:\MS01\DATA\MS019C18\0318-06.	03/18/2009	15:40	
FW12B-4-022609	J0900990-017	J:\MS01\DATA\MS019C18\0318-07.	03/18/2009	16:19	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.0932
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 03/11/2009

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Column: HP-5MS

Analyte Name	Compound Type	Calibration Evalnation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1779
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

† **SPCC Compound** ‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/16/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900913
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C16\0316-20.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	18	0.01	1.71	1.57	-9	NA	± 20 %	AverageRF
2-Methylphenol	20	19	0.01	0.930	0.900	-3	NA	± 30 %	AverageRF
4-Methylphenol	20	19	0.01	1.23	1.15	-6	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.242	-4	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.909	-1	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.576	-3	NA	± 30 %	AverageRF
Acenaphthylene	20	19	0.01	1.67	1.61	-4	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.929	-2	NA	± 20 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.59	5	NA	± 30 %	AverageRF
Fluorene	20	20	0.01	1.23	1.25	2	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	22	0.01	0.0921	0.105	NA	11	± 20 %	Linear
Phenanthrene	20	19	0.01	1.13	1.08	-4	NA	± 30 %	AverageRF
Anthracene	20	21	0.01	1.07	1.13	5	NA	± 30 %	AverageRF
Carbazole	20	20	0.01	0.952	0.944	-1	NA	± 30 %	AverageRF
‡ Fluoranthene	20	21	0.01	0.949	0.987	4	NA	± 20 %	AverageRF
Pyrene	20	18	0.01	1.41	1.28	-9	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	1.01	2	NA	± 30 %	AverageRF
Chrysene	20	20	0.01	0.973	0.961	-1	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	17	0.01	1.09	0.924	-15	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	21	0.01	1.23	1.26	3	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	21	0.01	0.896	0.950	6	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	21	0.01	0.974	1.00	3	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	21	0.01	0.811	0.840	4	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.827	1	NA	± 30 %	AverageRF
2-Fluorophenol	20	19	0.01	1.07	1.04	-3	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.43	-5	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	19	0.01	0.349	0.331	-5	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.31	-2	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0875	4	NA	± 30 %	AverageRF
Terphenyl-d14	20	19	0.01	0.756	0.708	-6	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/17/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900937
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C17\0317-03.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	19	0.01	1.71	1.60	-6	NA	± 20 %	AverageRF
2-Methylphenol	20	20	0.01	0.930	0.915	-2	NA	± 30 %	AverageRF
4-Methylphenol	20	18	0.01	1.23	1.13	-9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.242	-4	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.902	-2	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.571	-4	NA	± 30 %	AverageRF
Acenaphthylene	20	20	0.01	1.67	1.67	0	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.966	2	NA	± 20 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.59	5	NA	± 30 %	AverageRF
Fluorene	20	21	0.01	1.23	1.28	5	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	23	0.01	0.0921	0.108	NA	13	± 20 %	Linear
Phenanthrene	20	21	0.01	1.13	1.19	5	NA	± 30 %	AverageRF
Anthracene	20	20	0.01	1.07	1.06	-1	NA	± 30 %	AverageRF
Carbazole	20	19	0.01	0.952	0.916	-4	NA	± 30 %	AverageRF
‡ Fluoranthene	20	20	0.01	0.949	0.953	0	NA	± 20 %	AverageRF
Pyrene	20	18	0.01	1.41	1.29	-8	NA	± 30 %	AverageRF
Benz(a)anthracene	20	19	0.01	0.996	0.952	-4	NA	± 30 %	AverageRF
Chrysene	20	21	0.01	0.973	1.00	3	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	19	0.01	1.09	1.02	-6	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	19	0.01	1.23	1.18	-4	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	19	0.01	0.896	0.829	-7	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	19	0.01	0.974	0.927	-5	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	19	0.01	0.811	0.789	-3	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	19	0.01	0.815	0.777	-5	NA	± 30 %	AverageRF
2-Fluorophenol	20	20	0.01	1.07	1.06	-1	NA	± 30 %	AverageRF
Phenol-d6	20	19	0.01	1.51	1.44	-4	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	19	0.01	0.349	0.340	-3	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.35	1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0881	4	NA	± 30 %	AverageRF
Terphenyl-d14	20	18	0.01	0.756	0.688	-9	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990
Date Analyzed: 03/18/2009

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900956
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C18\0318-04.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	19	0.01	1.71	1.63	-5	NA	± 20 %	AverageRF
2-Methylphenol	20	20	0.01	0.930	0.941	1	NA	± 30 %	AverageRF
4-Methylphenol	20	19	0.01	1.23	1.18	-4	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	20	0.01	0.253	0.253	0	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.932	1	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.577	-3	NA	± 30 %	AverageRF
Acenaphthylene	20	20	0.01	1.67	1.65	-1	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.967	2	NA	± 20 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.62	7	NA	± 30 %	AverageRF
Fluorene	20	22	0.01	1.23	1.33	8	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	23	0.01	0.0921	0.110	NA	15	± 20 %	Linear
Phenanthrene	20	22	0.01	1.13	1.22	8	NA	± 30 %	AverageRF
Anthracene	20	22	0.01	1.07	1.15	8	NA	± 30 %	AverageRF
Carbazole	20	21	0.01	0.952	1.00	5	NA	± 30 %	AverageRF
‡ Fluoranthene	20	22	0.01	0.949	1.05	11	NA	± 20 %	AverageRF
Pyrene	20	17	0.01	1.41	1.18	-16	NA	± 30 %	AverageRF
Benz(a)anthracene	20	20	0.01	0.996	0.988	-1	NA	± 30 %	AverageRF
Chrysene	20	20	0.01	0.973	0.997	2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	19	0.01	1.09	1.01	-7	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	19	0.01	1.23	1.18	-3	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	21	0.01	0.896	0.957	7	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	20	0.01	0.974	0.963	-1	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	20	0.01	0.811	0.820	1	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.811	-1	NA	± 30 %	AverageRF
2-Fluorophenol	20	21	0.01	1.07	1.12	5	NA	± 30 %	AverageRF
Phenol-d6	20	20	0.01	1.51	1.47	-2	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	20	0.01	0.349	0.354	2	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.33	-1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	23	0.01	0.0843	0.0966	14	NA	± 30 %	AverageRF
Terphenyl-d14	20	18	0.01	0.756	0.688	-9	NA	± 30 %	AverageRF

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

† SPCC Compound ‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900913
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0316-19B.D	GC/MS Tuning - Generic	JWG0900913-1	3/16/2009	20:35		3/16/2009	20:35
\0316-20.D	Continuing Calibration Verification	JWG0900913-2	3/16/2009	20:53		3/16/2009	20:53
\0316-21.D	ZZZZZZ	ZZZZZZ	3/16/2009	21:32		3/16/2009	21:32
\0316-22.D	ZZZZZZ	ZZZZZZ	3/16/2009	22:11		3/16/2009	22:11
\0316-23.D	ZZZZZZ	ZZZZZZ	3/16/2009	22:50		3/16/2009	22:50
\0316-24.D	ZZZZZZ	ZZZZZZ	3/16/2009	23:29		3/16/2009	23:29
\0316-25.D	ZZZZZZ	ZZZZZZ	3/17/2009	00:08		3/17/2009	00:08
\0316-26.D	ZZZZZZ	ZZZZZZ	3/17/2009	00:47		3/17/2009	00:47
\0316-27.D	ZZZZZZ	ZZZZZZ	3/17/2009	01:25		3/17/2009	01:25
\0316-28.D	ZZZZZZ	ZZZZZZ	3/17/2009	02:04		3/17/2009	02:04
\0316-29.D	ZZZZZZ	ZZZZZZ	3/17/2009	02:43		3/17/2009	02:43
\0316-30.D	ZZZZZZ	ZZZZZZ	3/17/2009	03:22		3/17/2009	03:22
\0316-31.D	FW99H-022609	J0900990-001	3/17/2009	04:01		3/17/2009	04:01
\0316-32.D	FW20B-04-022609	J0900990-002	3/17/2009	04:40		3/17/2009	04:40
\0316-33.D	FW20B-03-022609	J0900990-003	3/17/2009	05:18		3/17/2009	05:18
\0316-34.D	FW20B-02-022609	J0900990-005	3/17/2009	05:56		3/17/2009	05:56
\0316-35.D	FW20B-02-022609MS	JWG0900779-4	3/17/2009	06:34		3/17/2009	06:34
\0316-36.D	FW20B-02-022609DMS	JWG0900779-2	3/17/2009	07:13		3/17/2009	07:13
\0316-37.D	EB04-022609	J0900990-006	3/17/2009	07:51		3/17/2009	07:51
\0316-38.D	FW20B-01-022609	J0900990-007	3/17/2009	08:30		3/17/2009	08:30

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900937
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0317-02.D	GC/MS Tuning - Generic	JWG0900937-1	3/17/2009	10:25		3/17/2009	10:25
\0317-03.D	Continuing Calibration Verification	JWG0900937-2	3/17/2009	10:44		3/17/2009	10:44
\0317-06.D	Method Blank	JWG0900779-1	3/17/2009	12:41		3/17/2009	12:41
\0317-07.D	Lab Control Sample	JWG0900779-3	3/17/2009	13:20		3/17/2009	13:20
\0317-08.D	FW20B-01-022609	J0900990-007	3/17/2009	13:59		3/17/2009	13:59
\0317-09.D	FW22B-3-022609	J0900990-008	3/17/2009	14:38		3/17/2009	14:38
\0317-10.D	FW16B-3-022609	J0900990-009	3/17/2009	15:16		3/17/2009	15:16
\0317-11.D	FW99G-022609	J0900990-010	3/17/2009	15:55		3/17/2009	15:55
\0317-12.D	FW16B-4-022609	J0900990-011	3/17/2009	16:33		3/17/2009	16:33
\0317-13.D	FW16B-2-022609	J0900990-012	3/17/2009	17:12		3/17/2009	17:12
\0317-14.D	FW16B-1-022609	J0900990-013	3/17/2009	17:51		3/17/2009	17:51
\0317-15.D	FW12B-2-022609	J0900990-014	3/17/2009	18:29		3/17/2009	18:29
\0317-16.D	FW12B-1-022609	J0900990-015	3/17/2009	19:08		3/17/2009	19:08
\0317-17.D	FW12B-3-022609	J0900990-016	3/17/2009	19:46		3/17/2009	19:46
\0317-18.D	FW12B-4-022609	J0900990-017	3/17/2009	20:25		3/17/2009	20:25

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091

Service Request: J0900990

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900956
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0318-03.D	GC/MS Tuning - Generic	JWG0900956-1	3/18/2009	14:04		3/18/2009	14:04
\0318-04.D	Continuing Calibration Verification	JWG0900956-2	3/18/2009	14:21		3/18/2009	14:21
\0318-05.D	FW16B-1-022609	J0900990-013	3/18/2009	15:01		3/18/2009	15:01
\0318-06.D	FW12B-3-022609	J0900990-016	3/18/2009	15:40		3/18/2009	15:40
\0318-07.D	FW12B-4-022609	J0900990-017	3/18/2009	16:19		3/18/2009	16:19
\0318-08.D	ZZZZZZ	ZZZZZZ	3/18/2009	16:58		3/18/2009	16:58
\0318-09.D	ZZZZZZ	ZZZZZZ	3/18/2009	17:37		3/18/2009	17:37
\0318-10.D	ZZZZZZ	ZZZZZZ	3/18/2009	18:15		3/18/2009	18:15
\0318-11.D	ZZZZZZ	ZZZZZZ	3/18/2009	18:53		3/18/2009	18:53
\0318-12.D	ZZZZZZ	ZZZZZZ	3/18/2009	19:32		3/18/2009	19:32
\0318-13.D	ZZZZZZ	ZZZZZZ	3/18/2009	20:11		3/18/2009	20:11
\0318-14.D	ZZZZZZ	ZZZZZZ	3/18/2009	20:50		3/18/2009	20:50
\0318-15.D	ZZZZZZ	ZZZZZZ	3/18/2009	21:29		3/18/2009	21:29
\0318-16.D	ZZZZZZ	ZZZZZZ	3/18/2009	22:08		3/18/2009	22:08
\0318-17.D	ZZZZZZ	ZZZZZZ	3/18/2009	22:47		3/18/2009	22:47
\0318-18.D	ZZZZZZ	ZZZZZZ	3/18/2009	23:25		3/18/2009	23:25
\0318-19.D	ZZZZZZ	ZZZZZZ	3/19/2009	00:04		3/19/2009	00:04
\0318-20.D	ZZZZZZ	ZZZZZZ	3/19/2009	00:43		3/19/2009	00:43

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045009-091
Sample Matrix: Water

Service Request: J0900990
Date Extracted: 03/04/2009

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0900779
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW99H-022609	J0900990-001	02/26/09	02/27/09	770ml	1.0ml	NA	
FW20B-04-022609	J0900990-002	02/26/09	02/27/09	970ml	1.0ml	NA	
FW20B-03-022609	J0900990-003	02/26/09	02/27/09	960ml	1.0ml	NA	
FW20B-02-022609	J0900990-005	02/26/09	02/27/09	930ml	1.0ml	NA	
EB04-022609	J0900990-006	02/26/09	02/27/09	910ml	1.0ml	NA	
FW20B-01-022609DL	J0900990-007	02/26/09	02/27/09	900ml	1.0ml	NA	
FW20B-01-022609	J0900990-007	02/26/09	02/27/09	900ml	1.0ml	NA	
FW22B-3-022609	J0900990-008	02/26/09	02/27/09	800ml	1.0ml	NA	
FW16B-3-022609	J0900990-009	02/26/09	02/27/09	950ml	1.0ml	NA	
FW99G-022609	J0900990-010	02/26/09	02/27/09	860ml	1.0ml	NA	
FW16B-4-022609	J0900990-011	02/26/09	02/27/09	860ml	1.0ml	NA	
FW16B-2-022609	J0900990-012	02/26/09	02/27/09	940ml	1.0ml	NA	
FW16B-1-022609DL	J0900990-013	02/26/09	02/27/09	960ml	1.0ml	NA	
FW16B-1-022609	J0900990-013	02/26/09	02/27/09	960ml	1.0ml	NA	
FW12B-2-022609	J0900990-014	02/26/09	02/27/09	900ml	1.0ml	NA	
FW12B-1-022609	J0900990-015	02/26/09	02/27/09	750ml	1.0ml	NA	
FW12B-3-022609DL	J0900990-016	02/26/09	02/27/09	760ml	1.0ml	NA	
FW12B-3-022609	J0900990-016	02/26/09	02/27/09	760ml	1.0ml	NA	
FW12B-4-022609DL	J0900990-017	02/26/09	02/27/09	960ml	1.0ml	NA	
FW12B-4-022609	J0900990-017	02/26/09	02/27/09	960ml	1.0ml	NA	
Method Blank	JWG0900779-1	NA	NA	1000ml	1.0ml	NA	
FW20B-02-022609DMS	JWG0900779-2	02/26/09	02/27/09	930ml	1.0ml	NA	
FW20B-02-022609MS	JWG0900779-4	02/26/09	02/27/09	920ml	1.0ml	NA	
Lab Control Sample	JWG0900779-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J0900990

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
FW99H-022609	J0900990-001
FW20B-04-022609	J0900990-002
FW20B-03-022609	J0900990-003
Metals Blank-022609	J0900990-004
FW20B-02-022609	J0900990-005
FW20B-02-022609S	J0900990-005S
FW20B-02-022609SD	J0900990-005SD
EB04-022609	J0900990-006
FW20B-01-022609	J0900990-007
FW22B-3-022609	J0900990-008
FW16B-3-022609	J0900990-009
FW99G-022609	J0900990-010
FW16B-4-022609	J0900990-011
FW16B-2-022609	J0900990-012
FW16B-1-022609	J0900990-013
FW16B-1-022609S	J0900990-013S
FW16B-1-022609SD	J0900990-013SD
FW12B-2-022609	J0900990-014
FW12B-1-022609	J0900990-015
FW12B-3-022609	J0900990-016
FW12B-4-022609	J0900990-017

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Name: Barbara Scribner

Date: Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99H-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-001

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.4	i	U	MS
7440-50-8	Copper	0.4	i	JB	MS
7440-66-6	Zinc	4.6	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW20B-04-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-002

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.59		U	MS
7440-47-3	Chromium	1.0	~~J~~	U	MS
7440-50-8	Copper	0.3	~~J~~	JB	MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW20B-03-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-003

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	0.9	U	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

Metals Blank-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-004

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.2	~~U~~	J	MS
7440-50-8	Copper	1.0	~~U~~	J	MS
7440-66-6	Zinc	5.3	~~U~~	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW20B-02-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-005

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB04-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-006

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.30	A	J	MS
7440-47-3	Chromium	2.4			MS
7440-50-8	Copper	1.1	A	J	MS
7440-66-6	Zinc	33			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW20B-01-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-007

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	0.8	U	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW22B-3-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-008

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.2	U	U	MS
7440-50-8	Copper	0.3	U	JB	MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW16B-3-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-009

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99G-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-010

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.1	J	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW16B-4-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-011

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.0	U	U	MS
7440-50-8	Copper	0.3	U	JB	MS
7440-66-6	Zinc	5.5	U	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW16B-2-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-012

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.78		U	MS
7440-47-3	Chromium	0.9	U	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW16B-1-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-013

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.6			MS
7440-47-3	Chromium	1.2	i	W	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	14		P2	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-2-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-014

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.65		U	MS
7440-47-3	Chromium	0.9	i	U	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.3	i	JB	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-1-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-015

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.79		11	MS
7440-47-3	Chromium	1.3	U	11	MS
7440-50-8	Copper	0.4	U	JB	MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-3-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-016

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U	U	MS
7440-47-3	Chromium	1.2	i	U	MS
7440-50-8	Copper	0.4	i	JB	MS
7440-66-6	Zinc	41		B	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-4-022609

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Lab Sample ID: J0900990-017

Level (low/med): LOW Date Received: 2/27/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.29	J	J	MS
7440-47-3	Chromium	1.2	J	J	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	48.6	97	25.0	25.2	101	24.7	99	MS
Chromium	20.0	20.1	100	25.0	24.4	98	24.8	99	MS
Copper	25.0	25.6	102	25.0	24.2	97	25.1	100	MS
Zinc	50.0	50.7	101	50.0	49.3	99	49.6	99	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	25.9	104	25.3	101	MS
Chromium				25.0	24.6	98	23.9	96	MS
Copper				25.0	25.1	100	24.7	99	MS
Zinc				50.0	50.4	101	49.2	98	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	25.6	102	25.3	101	MS
Chromium				25.0	24.9	100	23.9	96	MS
Copper				25.0	25.2	101	24.6	98	MS
Zinc				50.0	49.3	99	48.3	97	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900990

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.706	141		
Chromium				2.00	1.99	100		
Copper				2.00	2.17	108		
Zinc				10.0	11.1	111		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.266	J	0.200	U	0.225	J	0.200	U	0.25	J	MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U	1.0	J	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	0.3	U	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4.0	U	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.200	U	0.200	U			MS
Chromium			0.800	U	0.800	U	0.800	U			MS
Copper			0.300	U	0.300	U	0.300	U			MS
Zinc			4.00	U	4.00	U	4.00	U			MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

ICP ID Number: ICP-MS ICS Source: Inorganic Ventures

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	0.0	20.0	100			
Chromium	0.0	20.0	0.4	20.1	100			
Copper	0.0	20.0	0.5	19.0	95			
Zinc	0.0	40.0	2.1	40.6	102			

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW20B-02-022609S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	50.0		0.2	U	50.0	100		MS
Chromium	75 - 125	48.2		1.0		50.0	94		MS
Copper	75 - 125	48.0		0.3	U	50.0	96		MS
Zinc	75 - 125	96.0		4.0	U	100	96		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW20B-02-022609SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	52.2		0.2	U	50.0	104		MS
Chromium	75 - 125	49.1		1.0		50.0	96		MS
Copper	75 - 125	47.5		0.3	U	50.0	95		MS
Zinc	75 - 125	96.9		4.0	U	100	97		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW16B-1-022609S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	52.3		3.6		50.0	97		MS
Chromium	75 - 125	47.5		1.2		50.0	93		MS
Copper	75 - 125	48.4		0.3		50.0	96		MS
Zinc	75 - 125	104.0		13.6		100	90		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW16B-1-022609SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	55.7		3.6		50.0	104		MS
Chromium	75 - 125	50.1		1.2		50.0	98		MS
Copper	75 - 125	50.2		0.3		50.0	100		MS
Zinc	75 - 125	109.0		13.6		100	95		MS

Comments:

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: Metals Blank-022609A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	45.9		0.2	U	50.0	92		MS
Chromium	75 - 125	46.8		1.2		50.0	91		MS
Copper	75 - 125	48.6		1.0		50.0	95		MS
Zinc	75 - 125	106.0		5.3		100	101		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW20B-02-022609SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		50.0		52.2		4		MS
Chromium		48.2		49.1		2		MS
Copper		48.0		47.5		1		MS
Zinc		96.0		96.9		1		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW16B-1-022609SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		52.3		55.7		6		MS
Chromium		47.5		50.1		5		MS
Copper		48.4		50.2		4		MS
Zinc		104.0		109.0		5		MS

Comments:

Dissolved Metals

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LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Solid LCS Source:

Aqueous LCS Source: Inorganic Ventures

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Arsenic	50.0	53.5	107					
Chromium	50.0	48.7	97					
Copper	50.0	50.7	101					
Zinc	100	104.0	104					

Comments:

Dissolved Metals

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

Metals Blank-022609L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	1.00	U	1.00	U			MS
Chromium	1.2		4.0	U	100.0		MS
Copper	1.0		1.5	U	100.0		MS
Zinc	5.3		20.0	U	100.0		MS

Comments:

Dissolved Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0900990

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.00	0.80	MS
Copper	65		2.00	0.30	MS
Zinc	66		10.00	4.00	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments: _____

Dissolved Metals

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PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0900990

Method: MS Prep Method: EPA 3005A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
FW99H-022609	3/3/2009	25.0	25.0
FW20B-04-022609	3/3/2009	25.0	25.0
FW20B-03-022609	3/3/2009	25.0	25.0
Metals Blank-022609	3/3/2009	25.0	25.0
FW20B-02-022609	3/3/2009	25.0	25.0
FW20B-02-022609S	3/3/2009	25.0	25.0
FW20B-02-022609SD	3/3/2009	25.0	25.0
EB04-022609	3/3/2009	25.0	25.0
FW20B-01-022609	3/3/2009	25.0	25.0
FW22B-3-022609	3/3/2009	25.0	25.0
FW16B-3-022609	3/3/2009	25.0	25.0
FW99G-022609	3/3/2009	25.0	25.0
FW16B-4-022609	3/3/2009	25.0	25.0
FW16B-2-022609	3/3/2009	25.0	25.0
FW16B-1-022609	3/3/2009	25.0	25.0
FW16B-1-022609S	3/3/2009	25.0	25.0
FW16B-1-022609SD	3/3/2009	25.0	25.0
FW12B-2-022609	3/3/2009	25.0	25.0
FW12B-1-022609	3/3/2009	25.0	25.0
FW12B-3-022609	3/3/2009	25.0	25.0
FW12B-4-022609	3/3/2009	25.0	25.0
LCS4-0303	3/3/2009	25.0	25.0
MB4-0303	3/3/2009	25.0	25.0

Comments:

Dissolved Metals

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ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900990

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/25/2009 End Date: 3/25/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
blank	1.00	18:39				X					X		X													X	
cal blank	1.00	18:42				X					X		X													X	
cal std 1 25 ppb	1.00	18:46				X					X		X													X	
cal std 2 50ppb	1.00	18:50				X					X		X													X	
cal std 3 100ppb	1.00	18:54				X					X		X													X	
ICV	1.00	18:58				X					X		X													X	
ICB	1.00	19:01				X					X		X													X	
MRL	1.00	19:05				X					X		X													X	
ICSA	1.00	19:09				X					X		X													X	
ICSAB	1.00	19:13				X					X		X													X	
BR 1.0PPM	1.00	19:17				X					X		X													X	
Blank	1.00	19:21				X					X		X													X	
CCV1	1.00	19:26				X					X		X													X	
CCB1	1.00	19:29				X					X		X													X	
CCV2	1.00	20:11				X					X		X													X	
CCB2	1.00	20:15				X					X		X													X	
MB4-0303	1.00	20:19				X					X		X													X	
LCS4-0303	1.00	20:23				X					X		X													X	
FW99H-022609	1.00	20:26				X					X		X													X	
FW20B-04-022609	1.00	20:30				X					X		X													X	
FW20B-03-022609	1.00	20:34				X					X		X													X	
Metals Blank-02260	1.00	20:38				X					X		X													X	
Metals Blank-02260	5.00	20:42				X					X		X													X	
Metals Blank-02260	1.00	20:46				X					X		X													X	
CCV3	1.00	20:49				X					X		X													X	
CCB3	1.00	20:53				X					X		X													X	
FW20B-02-022609	1.00	20:57				X					X		X													X	
FW20B-02-022609S	1.00	21:01				X					X		X													X	
FW20B-02-022609SD	1.00	21:05				X					X		X													X	
EB04-022609	1.00	21:09				X					X		X													X	
FW20B-01-022609	1.00	21:12				X					X		X													X	
FW22B-3-022609	1.00	21:16				X					X		X													X	
FW16B-3-022609	1.00	21:20				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
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ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0900990

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/25/2009 End Date: 3/25/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV4	1.00	21:24				X					X		X													X	
CCB4	1.00	21:28				X					X		X													X	
FW99G-022609	1.00	21:32				X					X		X													X	
FW16B-4-022609	1.00	21:35				X					X		X													X	
FW16B-2-022609	1.00	21:39				X					X		X													X	
FW16B-1-022609	1.00	21:43				X					X		X													X	
FW16B-1-022609S	1.00	21:47				X					X		X													X	
FW16B-1-022609SD	1.00	21:51				X					X		X													X	
CCV5	1.00	21:55				X					X		X													X	
CCB5	1.00	21:58				X					X		X													X	
FW12B-2-022609	1.00	22:02				X					X		X													X	
FW12B-1-022609	1.00	22:06				X					X		X													X	
FW12B-3-022609	1.00	22:10				X					X		X													X	
FW12B-4-022609	1.00	22:14				X					X		X													X	
CCV6	1.00	22:18				X					X		X													X	
CCB6	1.00	22:22				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900990
Date Collected : 02/26/09
Date Received : 02/27/09

Bromide

Units : mg/L (ppm)
Basis : NA

Analysis Method : 300.0
Test Notes :

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
FW99H-022609	J0900990-001	0.4	0.043	1	03/19/09 08:18	U	
FW20B-04-022609	J0900990-002	0.4	0.043	1	03/19/09 08:18	U	
FW20B-03-022609	J0900990-003	0.4	0.043	1	03/19/09 08:18	U	
FW20B-02-022609	J0900990-005	0.4	0.043	1	03/19/09 08:18	0.63	
EB04-022609	J0900990-006	0.4	0.043	1	03/19/09 08:18	U	
FW20B-01-022609	J0900990-007	0.4	0.043	1	03/19/09 08:18	U	
FW22B-3-022609	J0900990-008	0.4	0.043	1	03/19/09 08:18	U	
FW16B-3-022609	J0900990-009	0.4	0.043	1	03/19/09 08:18	0.85	
FW99G-022609	J0900990-010	0.4	0.043	1	03/19/09 08:18	U	
FW16B-4-022609	J0900990-011	0.4	0.043	1	03/19/09 08:18	U	
FW16B-2-022609	J0900990-012	0.4	0.043	1	03/19/09 08:18	0.41	
FW16B-1-022609	J0900990-013	0.8	0.086	2	03/19/09 08:18	13	
FW12B-2-022609	J0900990-014	0.4	0.043	1	03/19/09 08:18	1.3	
FW12B-1-022609	J0900990-015	0.4	0.043	1	03/19/09 08:18	1.4	
FW12B-3-022609	J0900990-016	0.4	0.043	1	03/19/09 08:18	4.1	
FW12B-4-022609	J0900990-017	0.4	0.043	1	03/19/09 08:18	1.4	
Method Blank	J0900990-MB	0.4	0.043	1	03/19/09 08:18	U	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900990
Date Collected : 02/26/09
Date Received : 02/27/09
Date Extracted : NA
Date Analyzed : 03/19/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW20B-02-022609
Lab Code : J0900990-005DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	0.63	0.65	0.64	3	

Report By:Palini

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900990
Date Collected : 02/26/09
Date Received : 02/27/09
Date Extracted : NA
Date Analyzed : 03/19/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW20B-02-022609
Lab Code : J0900990-005MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	0.63	5.61	100	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900990
Date Collected : 02/26/09
Date Received : 02/27/09
Date Extracted : NA
Date Analyzed : 03/19/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW16B-2-022609
Lab Code : J0900990-012DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	0.41	0.41	0.41	<1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0900990
Date Collected : 02/26/09
Date Received : 02/27/09
Date Extracted : NA
Date Analyzed : 03/19/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW16B-2-022609
Lab Code : J0900990-012MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	0.41	5.14	95	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0900990
Project Name :	Gainesville, FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/19/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0900990-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	4.86	97	90-110	

Report By: Palmi

FTS, LLC

DATE: April 1, 2009

FROM: Kendra Chintella

SUBJECT: Gainesville Floridan GW

SAMPLE DELIVERY GROUP (SDG): J0901057

SAMPLES: FW26B-030209, FW26C-030209, FW99A-030309(FW-25B), FW25B-030309, FW25C-030309, FB01-030309, Trip Blank

ANALYSES: Method 8260B (BTEX), 8270C (SVOCs), 6020 (Dissolved Metals), 300.0 (Bromide)

LABORATORY: Columbia Analytical Services, Inc - Jacksonville

The data contained in this SDG was evaluated with regard to the following parameters:

□ Data Completeness
Noncompliances: None

□ Holding Times
Noncompliances: None

□ Laboratory Blank Contamination
Noncompliances: Dissolved arsenic was detected in the method blank. See next page for details.

□ Field Blank Contamination
Noncompliances: Dissolved chromium and copper were detected in the field blank. See next page for details.

□ Field Duplicate Precision
Noncompliances: See attached page for details.

□ Surrogate Recoveries
Noncompliances: None

□ Matrix Spike and Matrix Spike Duplicate
Noncompliances: None

□ Laboratory Control Sample
Noncompliances: None

□ Initial/Continuing Calibration
Noncompliances: None

□ Internal Standards
Noncompliances: None

Laboratory Blank Contamination:

The following analyte was detected in the aqueous method blank at the following concentration:

Analyte	Maximum Concentration	Blank Action Level
Arsenic, dissolved	0.683 J ug/l	3.415 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for laboratory blank contamination. Associated samples with concentrations below the blank action level were qualified with a "U" for laboratory blank contamination.

Field Blank Contamination:

The following analytes were detected in the aqueous field blank, FB01-030309, at the following concentrations:

Analyte	Maximum Concentration	Blank Action Level
Chromium, dissolved	1.2 J ug/l	6.0 ug/l
Copper, dissolved	0.3 J ug/l	1.5 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified with a "B" for field blank contamination.

Field Duplicate Precision:

FIELD DUPLICATE PRECISION					
ANALYTE	FW-25B	QUAL	FW-99A	QUAL	RPD
Bromide	2.2		2.2		0
Chromium, dissolved	0.8	JB	0.8	U	NC
Naphthalene	0.97	U	0.95	J	NC
Zinc, dissolved	9	JB	4	U	NC

NC – Not calculated due to nondetect result.

* - RPD is greater than 30%, associated samples are qualified estimated, "J," due to laboratory or field sampling imprecision.

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 (904) 739-2277 (904) 739-2011 fax

Columbia Analytical Services INC.
An Employee - Owned Company

March 31, 2009

Service Request No: J0901057

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

Laboratory Results for: Gainesville,FL/OM045009-091

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on March 4, 2009. For your reference, these analyses have been assigned our service request number **J0901057**.

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. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4408. You may also contact me via email at TKissinger@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tom Kissinger
Project Manager

CAS Jacksonville is NELAC-accredited by the State of Florida, #E82502 valid through 6/30/09. Other state accreditations include: Georgia, #958 valid through 6/30/09; Louisiana, #02086 valid through 6/30/09; Texas, #T104704197-06-TX valid through 5/31/09; North Carolina, #527 valid through 12/31/09; South Carolina, #96021001 valid through 6/30/09.

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 443 pages

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Field and Technical Services, LLC	**Service Request No.:**	J0901057
Project:	Gainesville, FL	**Date Received:**	3/4/09
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 IV, validation deliverables including all summary forms and associated raw data. When appropriate to tbe 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

7 water samples were received for analysis at Columbia Analytical Services on 3/4/09. The following discrepancies were noted upon initial sample inspection. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at 4±2°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

Continuing Calibration Blank Exceptions

The Continuing Calibration Blank CCB6 contained a low level of Arsenic above the Method Reporting Limit (MRL). The Method Blank and Laboratory Control Sample are affected by this CCB. The CCB's preceeding and following this one are non detected. The samples are not affected.

Sample Confirmation Notes

The serial dilution is outside of acceptance limits for sample FW26B-030209. The associated post spike, matrix spike and matrix spike duplicate are within acceptance limits.

General Chemistry Parameters

No problems were observed with this delivery group.

Approved by Tami D. Kissinger **Date** 3/31/09

Client: Field and Technical Services, LLC
Project: Gainesville,FL/OM045009-091

Service Request: J0901057

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J0901057-001	FW26B-030209	3/2/09	13:00
J0901057-002	FW26C-030209	3/2/09	16:10
J0901057-003	FW99A-030309	3/3/09	20:00
J0901057-004	FW25B-030309	3/3/09	11:40
J0901057-005	FW25C-030309	3/3/09	13:40
J0901057-006	FB01-030309	3/3/09	14:10
J0901057-007	Trip Blank	3/3/09	00:00

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.

Columbia Analytical Services™

Chain of Custody Documentation

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR # J0901057

PAGE 1 OF 1

[redacted]

Project Name: Gainesville, FL	Project Number: OM045009-091
Project Manager: A. Gatchie	Email Address: ggatchie.2006@f-ts.com
Company/Address: FTS 200 Third Ave Carnegie, PA 15106	
Phone #: (412) 429-2694	FAX#: (412) 279-4512
Sampler's Signature:	Sampler's Printed Name: Rory Hanczar

ANALYSIS REQUESTED (Include Method Number and

PRESERVATIVE: 1 0 2 0

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	BTEX 8260B	SVOC's 8270C	Dissolved As, Cr, Zn, Cu	Bromide	REMARKS/ ALTERNATE DESCRIPTION
FW26B-030209		3/2/09	1300	GW	7	3	2	1	1	
FW26C-030209		3/2/09	1610	GW	7	3	2	1	1	
FW99A-030309		3/3/09	2000	GW	7	3	2	1	1	
FW25B-030309		3/3/09	1140	GW	7	3	2	1	1	
FW25C-030309		3/3/09	1340	GW	7	3	2	1	1	
FB01-030309		3/3/09	1410	DI	7	3	2	1	1	
Triplank-030309		3/3/09	—	DI	2	2				

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS: Samples held on ice.

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Rory Hanczar	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FTS	Firm	Firm	Firm	Firm	Firm
Date/Time: 3/3/09 1700	Date/Time: 3-4-09 1255	Date/Time	Date/Time	Date/Time	Date/Time

JSCOC-06/20/08

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

Client: FTS Service Request # J9010557

Project: Gainesville FL

Cooler received on 3.4.09 and opened on 3.4.09 by GB

COURIER: (CAS) UPS FEDEX DHL CLIENT Tracking #

1	Were custody seals on outside of cooler?	Yes	(No)	N/A
2	Were seals intact, signed and dated?	Yes	No	(N/A)
3	Were custody papers properly filled out?	(Yes)	No	N/A
4	Temperature of cooler(s) upon receipt (Should be 4 +/- 2 degrees C)	1.5°C 1.2°C		
5	Correct Temperature?	(Yes)	No	N/A
6	Were Ice or Ice Packs present	(Yes)	No	N/A
7	Did all bottles arrive in good condition (unbroken, etc....)?	(Yes)	No	N/A
8	Were all bottle labels complete (sample ID, preservation, etc....)?	(Yes)	No	N/A
9	Did all bottle labels and tags agree with custody papers?	(Yes)	No	N/A
10	Were the correct bottles used for the tests indicated?	(Yes)	No	N/A
11	Were all of the preserved bottles received with the appropriate preservative?	(Yes)	No	N/A

(HNO3 pH<2) H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2

Preservative additions noted below

12	Were all samples received within analysis holding times?	(Yes)	No	N/A
13	Were VOA vials checked for absence of air bubbles? If present, note below	(Yes)	No	N/A
14	Where did the bottles originate?	(CAS)	Client	

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

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

Client approval to run samples if discrepancies noted: Date: 9

SR #: J0901057 Date: 3.4.09 Initials: GB

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

	Bottle Code																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Container	40mL G	40mL G	40mL G	40mL G	125mL P	125mL P	125mL P	125mL P	250mL P	250mL P	250mL P	250mL P	250mL P	250mL G	250mL G	500mL P	500mL P	500mL P	1L P	1L P	1L G	1L G	1L G	2oz G	4oz G	8oz G	16oz G	5g ENC	100mL P	Misc.
Preservative		HCl	Sodium Thiosulfate	H2SO4		HCl	H2SO4	HNO3		H2SO4	HNO3	ZnAcetate NaOH	NaOH		HNO3		H2SO4	HNO3		HNO3		HCl	H2SO4						Sodium Thiosulfate	Misc.
Req. pH	N/A	<2	N/A	<2	N/A	<2	<2	<2	N/A	<2	<2	>9	>12	N/A	<2	N/A	<2	<2	N/A	<2	N/A	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	-
Sample #	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-001		3			1			1										3			3									
-002		3			1			1										3			2									
-003		3			1			1										3			2									
-004		3			1			1													2									
-005		3			1			1													2									
-006		3			1			1													2									
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040																														

Columbia Analytical Services™

Summary Package

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Organic Analysis:
Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW26B-030209	J0901057-001	03/02/2009	03/04/2009
FW26C-030209	J0901057-002	03/02/2009	03/04/2009
FW99A-030309	J0901057-003	03/03/2009	03/04/2009
FW25B-030309	J0901057-004	03/03/2009	03/04/2009
FW25C-030309	J0901057-005	03/03/2009	03/04/2009
FB01-030309	J0901057-006	03/03/2009	03/04/2009
Trip Blank	J0901057-007	03/03/2009	03/04/2009
FW26B-030209MS	JWG0900787-1	03/02/2009	03/04/2009
FW26B-030209DMS	JWG0900787-2	03/02/2009	03/04/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Scott Allen Name: Scott Allen

Date: 3-11-09 Title: Scientist

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW26B-030209
Lab Code: J0901057-001

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	112	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	111	75-120	03/06/09	Acceptable
Toluene-d8	100	88-117	03/06/09	Acceptable
Dibromofluoromethane	95	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW26C-030209
Lab Code: J0901057-002

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	109	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	113	75-120	03/06/09	Acceptable
Toluene-d8	96	88-117	03/06/09	Acceptable
Dibromofluoromethane	96	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW99A-030309
Lab Code: J0901057-003

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	112	75-120	03/06/09	Acceptable
Toluene-d8	101	88-117	03/06/09	Acceptable
Dibromofluoromethane	99	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW25B-030309
Lab Code: J0901057-004

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	109	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	112	75-120	03/06/09	Acceptable
Toluene-d8	97	88-117	03/06/09	Acceptable
Dibromofluoromethane	99	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FW25C-030309
Lab Code: J0901057-005

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	119	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	116	75-120	03/06/09	Acceptable
Toluene-d8	99	88-117	03/06/09	Acceptable
Dibromofluoromethane	100	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: FB01-030309
Lab Code: J0901057-006

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	0.52	1	03/06/09	03/06/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/06/09	03/06/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/06/09	03/06/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/06/09	03/06/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	101	71-122	03/06/09	Acceptable
4-Bromofluorobenzene	111	75-120	03/06/09	Acceptable
Toluene-d8	96	88-117	03/06/09	Acceptable
Dibromofluoromethane	96	82-116	03/06/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank
Lab Code: J0901057-007

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	0.52	1	03/07/09	03/07/09	JWG0900787	
Toluene	ND	U	1.0	0.52	1	03/07/09	03/07/09	JWG0900787	
Ethylbenzene	ND	U	1.0	0.10	1	03/07/09	03/07/09	JWG0900787	
m,p-Xylenes	ND	U	2.0	0.22	1	03/07/09	03/07/09	JWG0900787	
o-Xylene	ND	U	1.0	0.10	1	03/07/09	03/07/09	JWG0900787	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	110	71-122	03/07/09	Acceptable
4-Bromofluorobenzene	115	75-120	03/07/09	Acceptable
Toluene-d8	100	88-117	03/07/09	Acceptable
Dibromofluoromethane	103	82-116	03/07/09	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Surrogate Recovery Summary
Volatile Organic Compounds by GC/MS

Units: PERCENT
Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4
FW26B-030209	J0901057-001	112	111	100	95
FW26C-030209	J0901057-002	109	113	96	96
FW99A-030309	J0901057-003	110	112	101	99
FW25B-030309	J0901057-004	109	112	97	99
FW25C-030309	J0901057-005	119	116	99	100
FB01-030309	J0901057-006	101	111	96	96
Trip Blank	J0901057-007	110	115	100	103
Method Blank	JWG0900787-4	112	116	101	99
FW26B-030209MS	JWG0900787-1	107	112	100	101
FW26B-030209DMS	JWG0900787-2	108	111	101	103
Lab Control Sample	JWG0900787-3	109	114	97	104

Surrogate Recovery Control Limits (%)	
Sur1 = 1,2-Dichloroethane-d4	71-122
Sur2 = 4-Bromofluorobenzene	75-120
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: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/06/2009
Time Analyzed: 19:18

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C06.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0900786-2
Analysis Lot: JWG0900786
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	RT	Area	RT	Area	RT
Results ==>		236,556	11.15	250,080	8.76	686,873	5.38
Upper Limit ==>		473,112	11.65	500,160	9.26	1,373,746	5.88
Lower Limit ==>		118,278	10.65	125,040	8.26	343,437	4.88
ICAL Result ==>		194,569	11.16	188,130	8.76	558,211	5.38
Associated Analyses							
Lab Control Sample	JWG0900787-3	235,814	11.16	259,707	8.76	695,916	5.38
Method Blank	JWG0900787-4	236,565	11.15	256,288	8.76	703,224	5.37
FW26B-030209	J0901057-001	244,706	11.15	256,517	8.76	705,465	5.37
FW26C-030209	J0901057-002	238,656	11.15	252,873	8.76	697,421	5.38
FW99A-030309	J0901057-003	238,620	11.15	248,363	8.76	707,465	5.38
FW25B-030309	J0901057-004	236,098	11.15	250,899	8.76	659,833	5.38
FW25C-030309	J0901057-005	229,892	11.15	254,061	8.76	701,035	5.38
FB01-030309	J0901057-006	236,258	11.15	244,287	8.76	663,881	5.37
Trip Blank	J0901057-007	237,051	11.15	250,654	8.76	673,577	5.38
FW26B-030209MS	JWG0900787-1	235,842	11.15	252,878	8.76	696,073	5.37
FW26B-030209DMS	JWG0900787-2	235,371	11.15	255,094	8.76	680,057	5.38

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Extracted: 03/06/2009
Date Analyzed: 03/07/2009

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

Sample Name: FW26B-030209
Lab Code: J0901057-001

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low
Extraction Lot: JWG0900787

Analyte Name	Sample Result	FW26B-030209MS JWG0900787-1 Matrix Spike			FW26B-030209DMS JWG0900787-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	ND	24.0	20.0	120	22.6	20.0	113	78-123	6	30
Toluene	ND	21.2	20.0	106	20.6	20.0	103	86-119	3	30
Ethylbenzene	ND	23.1	20.0	116	22.7	20.0	114	87-122	2	30
m,p-Xylenes	ND	43.9	40.0	110	42.5	40.0	106	82-120	3	30
o-Xylene	ND	23.0	20.0	115	22.2	20.0	111	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Extracted: 03/06/2009
Date Analyzed: 03/06/2009

Lab Control Spike Summary
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900787

Lab Control Sample
JWG0900787-3

Analyte Name	Lab Control Spike Result	Expected	%Rec	%Rec Limits
Benzene	21.4	20.0	107	79-119
Toluene	19.1	20.0	95	86-117
Ethylbenzene	20.7	20.0	103	90-118
m,p-Xylenes	36.8	40.0	92	86-121
o-Xylene	19.6	20.0	98	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0901057
Project:	Gainesville,FL/OM045009-091	**Date Extracted:**	03/06/2009
Sample Matrix:	Water	**Date Analyzed:**	03/06/2009
		Time Analyzed:	21:11

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS539C06.B\0306-26.D
Lab Code:	JWG0900787-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900787

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900787-3	J:\MS53\DATA\MS539C06.B\0306-24.D	03/06/09	20:14
FW26B-030209	J0901057-001	J:\MS53\DATA\MS539C06.B\0306-27.D	03/06/09	21:39
FW26C-030209	J0901057-002	J:\MS53\DATA\MS539C06.B\0306-28.D	03/06/09	22:07
FW99A-030309	J0901057-003	J:\MS53\DATA\MS539C06.B\0306-29.D	03/06/09	22:35
FW25B-030309	J0901057-004	J:\MS53\DATA\MS539C06.B\0306-30.D	03/06/09	23:02
FW25C-030309	J0901057-005	J:\MS53\DATA\MS539C06.B\0306-31.D	03/06/09	23:31
FB01-030309	J0901057-006	J:\MS53\DATA\MS539C06.B\0306-32.D	03/06/09	23:59
Trip Blank	J0901057-007	J:\MS53\DATA\MS539C06.B\0306-33.D	03/07/09	00:27
FW26B-030209MS	JWG0900787-1	J:\MS53\DATA\MS539C06.B\0306-45.D	03/07/09	06:04
FW26B-030209DMS	JWG0900787-2	J:\MS53\DATA\MS539C06.B\0306-46.D	03/07/09	06:32

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0901057
Project:	Gainesville,FL/OM045009-091	**Date Extracted:**	03/06/2009
Sample Matrix:	Water	**Date Analyzed:**	03/06/2009
		Time Analyzed:	20:14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS539C06.B\0306-24.D
Lab Code:	JWG0900787-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0900787

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
FB01-030309	J0901057-006	J:\MS53\DATA\MS539C06.B\0306-32.D	03/06/09	23:59
Method Blank	JWG0900787-4	J:\MS53\DATA\MS539C06.B\0306-26.D	03/06/09	21:11
FW26B-030209	J0901057-001	J:\MS53\DATA\MS539C06.B\0306-27.D	03/06/09	21:39
FW26C-030209	J0901057-002	J:\MS53\DATA\MS539C06.B\0306-28.D	03/06/09	22:07
FW99A-030309	J0901057-003	J:\MS53\DATA\MS539C06.B\0306-29.D	03/06/09	22:35
FW25B-030309	J0901057-004	J:\MS53\DATA\MS539C06.B\0306-30.D	03/06/09	23:02
FW25C-030309	J0901057-005	J:\MS53\DATA\MS539C06.B\0306-31.D	03/06/09	23:31
Trip Blank	J0901057-007	J:\MS53\DATA\MS539C06.B\0306-33.D	03/07/09	00:27
FW26B-030209MS	JWG0900787-1	J:\MS53\DATA\MS539C06.B\0306-45.D	03/07/09	06:04
FW26B-030209DMS	JWG0900787-2	J:\MS53\DATA\MS539C06.B\0306-46.D	03/07/09	06:32

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/06/2009
Time Analyzed: 18:54

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C06.B\0306-21.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0900786

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	16.2	4992	PASS
75	95	30	60	38.1	11724	PASS
95	95	100	100	100.0	30768	PASS
96	95	5	9	6.5	1997	PASS
173	174	0	2	0.3	68	PASS
174	95	50	120	66.9	20576	PASS
175	174	5	9	7.1	1469	PASS
176	174	95	101	95.9	19728	PASS
177	176	5	9	6.7	1328	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900786-2	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	19:18	
Lab Control Sample	JWG0900787-3	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	20:14	
Method Blank	JWG0900787-4	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	21:11	
FW26B-030209	J0901057-001	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	21:39	
FW26C-030209	J0901057-002	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	22:07	
FW99A-030309	J0901057-003	J:\MS53\DATA\MS539C06.B\0306-2	03/06/2009	22:35	
FW25B-030309	J0901057-004	J:\MS53\DATA\MS539C06.B\0306-3	03/06/2009	23:02	
FW25C-030309	J0901057-005	J:\MS53\DATA\MS539C06.B\0306-3	03/06/2009	23:31	
FB01-030309	J0901057-006	J:\MS53\DATA\MS539C06.B\0306-3	03/06/2009	23:59	
Trip Blank	J0901057-007	J:\MS53\DATA\MS539C06.B\0306-3	03/07/2009	00:27	
FW26B-030209MS	JWG0900787-1	J:\MS53\DATA\MS539C06.B\0306-4	03/07/2009	06:04	
FW26B-030209DMS	JWG0900787-2	J:\MS53\DATA\MS539C06.B\0306-4	03/07/2009	06:32	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 02/20/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1752
Instrument ID: MS53.i

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
B	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
C	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
D	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
E	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
F	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
G	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022
H	\\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\022

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	1.0	1.02	B	2.0	1.04	C	5.0	0.947	D	20	0.979	E	50	0.993
	F	100	0.941	G	150	0.924	H	200	0.959						
‡ Toluene	A	1.0	3.20	B	2.0	3.11	C	5.0	2.82	D	20	2.89	E	50	2.96
	F	100	2.80	G	150	2.67	H	200	2.76						
‡ Ethylbenzene	A	1.0	3.20	B	2.0	3.20	C	5.0	2.98	D	20	3.10	E	50	3.17
	F	100	2.98	G	150	2.85	H	200	2.88						
m,p-Xylenes	A	2.0	1.37	B	4.0	1.35	C	10	1.23	D	40	1.27	E	100	1.31
	F	200	1.19	G	300	1.10	H	400	1.07						
o-Xylene	A	1.0	2.54	B	2.0	2.43	C	5.0	2.30	D	20	2.34	E	50	2.36
	F	100	2.22	G	150	2.12	H	200	2.11						
1,2-Dichloroethane-d4							C	10	0.140	D	20	0.133	E	50	0.148
	F	100	0.145	G	150	0.143	H	200	0.147						
4-Bromofluorobenzene							C	10	0.745	D	20	0.689	E	50	0.859
	F	100	0.806	G	150	0.798	H	200	0.845						
Toluene-d8							C	10	2.19	D	20	1.89	E	50	2.49
	F	100	2.29	G	150	2.18	H	200	2.27						
Dibromofluoromethane							C	10	0.222	D	20	0.199	E	50	0.248
	F	100	0.236	G	150	0.235	H	200	0.235						
† Chlorobenzene	A	1.0	2.17	B	2.0	2.16	C	5.0	1.90	D	20	2.03	E	50	2.02
	F	100	1.89	G	150	1.81	H	200	1.79						
‡ Chloroform	A	1.0	0.363	B	2.0	0.382	C	5.0	0.323	D	20	0.348	E	50	0.362
	F	100	0.354	G	150	0.360	H	200	0.365						
† Chloromethane	A	1.0	0.439	B	2.0	0.408	C	5.0	0.357	D	20	0.353	E	50	0.379
	F	100	0.358	G	150	0.373	H	200	0.366						
‡ Vinyl Chloride	A	1.0	0.292	B	2.0	0.313	C	5.0	0.290	D	20	0.306	E	50	0.336
	F	100	0.312	G	150	0.317	H	200	0.310						
† Bromoform				B	2.0	0.330	C	5.0	0.346	D	20	0.378	E	50	0.376
	F	100	0.383	G	150	0.381	H	200	0.391						

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

‡ **CCC Compound**

† **SPCC Compound**

Service Request: J0901057
ICAL Date: 02/20/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1752
Instrument ID: MS53.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
† 1,1-Dichloroethane	A	1.0	0.439	B	2.0	0.459	C	5.0	0.409	D	20	0.436	E	50	0.446
	F	100	0.430	G	150	0.431	H	200	0.437						
‡ 1,1-Dichloroethene	A	1.0	0.260	B	2.0	0.254	C	5.0	0.263	D	20	0.262	E	50	0.283
	F	100	0.263	G	150	0.256	H	200	0.235						
‡ 1,2-Dichloropropane	A	1.0	0.258	B	2.0	0.275	C	5.0	0.251	D	20	0.264	E	50	0.268
	F	100	0.258	G	150	0.256	H	200	0.263						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.640	B	2.0	0.668	C	5.0	0.638	D	20	0.661	E	50	0.624
	F	100	0.634	G	150	0.627	H	200	0.633						

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 02/20/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Column: DB-VRX

ICAL ID: CAL1752
Instrument ID: MS53.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	4.1		≤ 15	0.975		0.01
‡ Toluene	MS	AverageRF	% RSD	6.2		≤ 15	2.90		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	4.6		≤ 15	3.04		0.01
m,p-Xylenes	MS	AverageRF	% RSD	9.0		≤ 15	1.24		0.01
o-Xylene	MS	AverageRF	% RSD	6.4		≤ 15	2.30		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	3.8		≤ 15	0.143		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	8.1		≤ 15	0.790		
Toluene-d8	SURR	AverageRF	% RSD	8.9		≤ 15	2.22		
Dibromofluoromethane	SURR	AverageRF	% RSD	7.4		≤ 15	0.229		
† Chlorobenzene	MS	AverageRF	% RSD	7.5		≤ 15	1.97		0.3
‡ Chloroform	MS	AverageRF	% RSD	4.7		≤ 15	0.357		0.01
† Chloromethane	MS	AverageRF	% RSD	7.9		≤ 15	0.379		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	4.6		≤ 15	0.310		0.01
† Bromoform	MS	AverageRF	% RSD	6.1		≤ 15	0.369		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	3.3		≤ 15	0.436		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	5.1		≤ 15	0.260		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	2.8		≤ 15	0.262		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	2.4		≤ 15	0.641		0.3

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Service Request: J0901057
ICAL Date: 02/20/2009
Date Analyzed: 02/20/2009

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1752
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS53\DATA\MS539B20.B\0220-14.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	51	0.975	1.00	3	NA	± 30 %	AverageRF
‡ Toluene	50	50	2.90	2.93	1	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	51	3.04	3.13	3	NA	± 30 %	AverageRF
m,p-Xylenes	100	100	1.24	1.27	3	NA	± 30 %	AverageRF
o-Xylene	50	51	2.30	2.36	3	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	49	0.641	0.633	-1	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	52	0.436	0.452	4	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	54	0.260	0.278	7	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	50	0.262	0.260	0	NA	± 30 %	AverageRF
† Bromoform	50	51	0.369	0.377	2	NA	± 30 %	AverageRF
† Chlorobenzene	50	50	1.97	1.99	1	NA	± 30 %	AverageRF
‡ Chloroform	50	50	0.357	0.358	0	NA	± 30 %	AverageRF
† Chloromethane	50	51	0.379	0.383	1	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	53	0.310	0.327	6	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Analyzed: 03/06/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Date: 02/20/2009
ICAL ID: CAL1752
Analysis Lot: JWG0900786
Units: ug/L
Column ID: DB-VRX

ICAL Type: Internal Standard
Analysis Method: 8260B

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS539C06.B\0306-22.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	50	0.01	0.975	0.975	0	NA	± 30 %	AverageRF
‡ Toluene	50	47	0.01	2.90	2.71	-7	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	53	0.01	3.04	3.20	5	NA	± 20 %	AverageRF
m,p-Xylenes	100	98	0.01	1.24	1.21	-2	NA	± 30 %	AverageRF
o-Xylene	50	52	0.01	2.30	2.40	4	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	49		0.143	0.140	-2	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	54		0.790	0.856	8	NA	± 30 %	AverageRF
Toluene-d8	50	47		2.22	2.10	-5	NA	± 30 %	AverageRF
Dibromofluoromethane	50	49		0.229	0.225	-2	NA	± 30 %	AverageRF
† Chlorobenzene	50	45	0.3	1.97	1.79	-9	NA	± 30 %	AverageRF
‡ Chloroform	50	52	0.01	0.357	0.369	3	NA	± 20 %	AverageRF
† Chloromethane	50	57	0.1	0.379	0.431	14	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	59	0.01	0.310	0.364	18	NA	± 20 %	AverageRF
† Bromoform	50	37	0.1	0.369	0.273	-26	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	52	0.1	0.436	0.449	3	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	58	0.01	0.260	0.301	16	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	50	0.01	0.262	0.264	1	NA	± 20 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	47	0.3	0.641	0.601	-6	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0900786
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0306-21.D	GC/MS Tuning - Bromofluorobenzene	JWG0900786-1	3/6/2009	18:54		3/6/2009	18:54
\0306-22.D	Continuing Calibration Verification	JWG0900786-2	3/6/2009	19:18		3/6/2009	19:18
\0306-24.D	Lab Control Sample	JWG0900787-3	3/6/2009	20:14		3/6/2009	20:14
\0306-26.D	Method Blank	JWG0900787-4	3/6/2009	21:11		3/6/2009	21:11
\0306-27.D	FW26B-030209	J0901057-001	3/6/2009	21:39		3/6/2009	21:39
\0306-28.D	FW26C-030209	J0901057-002	3/6/2009	22:07		3/6/2009	22:07
\0306-29.D	FW99A-030309	J0901057-003	3/6/2009	22:35		3/6/2009	22:35
\0306-30.D	FW25B-030309	J0901057-004	3/6/2009	23:02		3/6/2009	23:02
\0306-31.D	FW25C-030309	J0901057-005	3/6/2009	23:31		3/6/2009	23:31
\0306-32.D	FB01-030309	J0901057-006	3/6/2009	23:59		3/6/2009	23:59
\0306-33.D	Trip Blank	J0901057-007	3/7/2009	00:27		3/7/2009	00:27
\0306-34.D	ZZZZZZ	ZZZZZZ	3/7/2009	00:55		3/7/2009	00:55
\0306-35.D	ZZZZZZ	ZZZZZZ	3/7/2009	01:23		3/7/2009	01:23
\0306-36.D	ZZZZZZ	ZZZZZZ	3/7/2009	01:51		3/7/2009	01:51
\0306-37.D	ZZZZZZ	ZZZZZZ	3/7/2009	02:19		3/7/2009	02:19
\0306-38.D	ZZZZZZ	ZZZZZZ	3/7/2009	02:47		3/7/2009	02:47
\0306-39.D	ZZZZZZ	ZZZZZZ	3/7/2009	03:15		3/7/2009	03:15
\0306-40.D	ZZZZZZ	ZZZZZZ	3/7/2009	03:44		3/7/2009	03:44
\0306-41.D	ZZZZZZ	ZZZZZZ	3/7/2009	04:11		3/7/2009	04:11
\0306-42.D	ZZZZZZ	ZZZZZZ	3/7/2009	04:39		3/7/2009	04:39
\0306-43.D	ZZZZZZ	ZZZZZZ	3/7/2009	05:07		3/7/2009	05:07
\0306-44.D	ZZZZZZ	ZZZZZZ	3/7/2009	05:36		3/7/2009	05:36
\0306-45.D	FW26B-030209MS	JWG0900787-1	3/7/2009	06:04		3/7/2009	06:04
\0306-46.D	FW26B-030209DMS	JWG0900787-2	3/7/2009	06:32		3/7/2009	06:32

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Extracted: 03/06/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Lot: JWG0900787
Level: Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW26B-030209	J0901057-001	03/02/09	03/04/09	10ml	10ml	NA	
FW26C-030209	J0901057-002	03/02/09	03/04/09	10ml	10ml	NA	
FW99A-030309	J0901057-003	03/03/09	03/04/09	10ml	10ml	NA	
FW25B-030309	J0901057-004	03/03/09	03/04/09	10ml	10ml	NA	
FW25C-030309	J0901057-005	03/03/09	03/04/09	10ml	10ml	NA	
FB01-030309	J0901057-006	03/03/09	03/04/09	10ml	10ml	NA	
Trip Blank	J0901057-007	03/03/09	03/04/09	10ml	10ml	NA	
Method Blank	JWG0900787-4	NA	NA	10ml	10ml	NA	
FW26B-030209MS	JWG0900787-1	03/02/09	03/04/09	10ml	10ml	NA	
FW26B-030209DMS	JWG0900787-2	03/02/09	03/04/09	10ml	10ml	NA	
Lab Control Sample	JWG0900787-3	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Organic Analysis:
Semi-Volatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Cover Page - Organic Analysis Data Package
Semi-Volatile Organic Compounds by GC/MS

Sample Name	Lab Code	Date Collected	Date Received
FW26B-030209	J0901057-001	03/02/2009	03/04/2009
FW26C-030209	J0901057-002	03/02/2009	03/04/2009
FW99A-030309	J0901057-003	03/03/2009	03/04/2009
FW25B-030309	J0901057-004	03/03/2009	03/04/2009
FW25C-030309	J0901057-005	03/03/2009	03/04/2009
FB01-030309	J0901057-006	03/03/2009	03/04/2009

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: William Mark

Name: William Mark

Date: 5/29/9

Title: Scientist III

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW26B-030209
Lab Code: J0901057-001

Extraction Method: EPA 3510C
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	5.7	0.48	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	5.7	0.72	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	5.7	0.87	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.7	0.89	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	ND	U	5.7	0.89	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.7	0.84	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	5.7	0.66	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	5.7	1.2	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	5.7	0.89	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	5.7	0.99	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	23	0.76	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	5.7	0.79	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	5.7	0.80	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	5.7	0.84	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	5.7	0.75	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	5.7	0.95	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	5.7	0.97	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	5.7	0.98	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.7	0.98	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.7	0.61	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.7	0.71	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.62	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.7	0.70	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW26B-030209
Lab Code: J0901057-001

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/19/09	Acceptable
Phenol-d6	17	10-51	03/19/09	Acceptable
Nitrobenzene-d5	73	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	71	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	94	30-143	03/19/09	Acceptable
Terphenyl-d14	87	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW26C-030209
Lab Code: J0901057-002

Extraction Method: EPA 3510C
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	0.44	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	5.3	0.67	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	5.3	0.81	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.3	0.83	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	ND	U	5.3	0.83	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.3	0.78	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	5.3	0.61	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	5.3	1.1	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	5.3	0.83	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	5.3	0.92	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	21	0.70	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	5.3	0.73	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	5.3	0.74	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	5.3	0.78	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	5.3	0.69	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	5.3	0.88	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	5.3	0.90	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	5.3	0.91	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.3	0.91	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.3	0.57	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.3	0.66	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.3	0.58	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.3	0.65	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.3	0.95	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/02/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW26C-030209
Lab Code: J0901057-002

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	03/19/09	Acceptable
Phenol-d6	15	10-51	03/19/09	Acceptable
Nitrobenzene-d5	67	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	67	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/19/09	Acceptable
Terphenyl-d14	82	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99A-030309
Lab Code: J0901057-003

Extraction Method: EPA 3510C
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	5.2	0.43	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	5.2	0.66	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	5.2	0.79	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	**0.95**	J	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.2	0.76	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	5.2	0.60	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	5.2	1.1	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	5.2	0.90	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	21	0.69	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	5.2	0.72	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	5.2	0.73	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	5.2	0.76	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	5.2	0.68	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	5.2	0.86	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	5.2	0.88	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	5.2	0.89	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.2	0.89	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.2	0.65	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.2	0.93	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW99A-030309
Lab Code: J0901057-003

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	03/19/09	Acceptable
Phenol-d6	14	10-51	03/19/09	Acceptable
Nitrobenzene-d5	66	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	65	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	87	30-143	03/19/09	Acceptable
Terphenyl-d14	76	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW25B-030309
Lab Code: J0901057-004

Extraction Method: EPA 3510C
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	6.1	0.52	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	6.1	0.79	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	6.1	0.94	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	6.1	0.97	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	ND	U	6.1	0.97	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	6.1	0.91	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	6.1	0.71	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	6.1	1.3	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	6.1	0.97	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	6.1	1.1	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	25	0.82	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	6.1	0.86	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	6.1	0.87	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	6.1	0.91	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	6.1	0.81	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	6.1	1.1	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	6.1	1.1	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	6.1	1.1	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	6.1	1.1	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	6.1	0.66	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	6.1	0.77	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	6.1	0.68	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	6.1	0.76	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	6.1	1.2	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0901057
Project:	Gainesville,FL/OM045009-091	**Date Collected:**	03/03/2009
Sample Matrix:	Water	**Date Received:**	03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW25B-030309	**Units:**	ug/L
Lab Code:	J0901057-004	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	03/19/09	Acceptable
Phenol-d6	17	10-51	03/19/09	Acceptable
Nitrobenzene-d5	71	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	69	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	91	30-143	03/19/09	Acceptable
Terphenyl-d14	83	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW25C-030309
Lab Code: J0901057-005

Extraction Method: EPA 3510C
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	5.2	0.43	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	5.2	0.66	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	5.2	0.79	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	ND	U	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.2	0.76	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	5.2	0.60	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	5.2	1.1	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	5.2	0.81	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	5.2	0.90	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	21	0.69	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	5.2	0.72	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	5.2	0.73	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	5.2	0.76	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	5.2	0.68	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	5.2	0.86	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	5.2	0.88	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	5.2	0.89	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.2	0.89	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.2	0.56	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.2	0.65	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.2	0.57	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.2	0.64	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.2	0.93	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0901057
Project:	Gainesville,FL/OM045009-091	**Date Collected:**	03/03/2009
Sample Matrix:	Water	**Date Received:**	03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FW25C-030309
Lab Code: J0901057-005

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	18	10-77	03/19/09	Acceptable
Phenol-d6	12	10-51	03/19/09	Acceptable
Nitrobenzene-d5	62	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	61	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	60	30-143	03/19/09	Acceptable
Terphenyl-d14	77	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FB01-030309
Lab Code: J0901057-006

Extraction Method: EPA 3510C
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	5.9	0.50	1	03/05/09	03/19/09	JWG0900781	
2-Methylphenol	ND	U	5.9	0.76	1	03/05/09	03/19/09	JWG0900781	
4-Methylphenol†	ND	U	5.9	0.91	1	03/05/09	03/19/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.9	0.93	1	03/05/09	03/19/09	JWG0900781	
Naphthalene	ND	U	5.9	0.93	1	03/05/09	03/19/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.9	0.88	1	03/05/09	03/19/09	JWG0900781	
Acenaphthylene	ND	U	5.9	0.69	1	03/05/09	03/19/09	JWG0900781	
Acenaphthene	ND	U	5.9	1.2	1	03/05/09	03/19/09	JWG0900781	
Dibenzofuran	ND	U	5.9	0.93	1	03/05/09	03/19/09	JWG0900781	
Fluorene	ND	U	5.9	1.1	1	03/05/09	03/19/09	JWG0900781	
Pentachlorophenol	ND	U	24	0.79	1	03/05/09	03/19/09	JWG0900781	
Phenanthrene	ND	U	5.9	0.83	1	03/05/09	03/19/09	JWG0900781	
Anthracene	ND	U	5.9	0.84	1	03/05/09	03/19/09	JWG0900781	
Carbazole	ND	U	5.9	0.88	1	03/05/09	03/19/09	JWG0900781	
Fluoranthene	ND	U	5.9	0.78	1	03/05/09	03/19/09	JWG0900781	
Pyrene	ND	U	5.9	0.99	1	03/05/09	03/19/09	JWG0900781	
Benz(a)anthracene	ND	U	5.9	1.1	1	03/05/09	03/19/09	JWG0900781	
Chrysene	ND	U	5.9	1.1	1	03/05/09	03/19/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.9	1.1	1	03/05/09	03/19/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.9	0.64	1	03/05/09	03/19/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.9	0.75	1	03/05/09	03/19/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.9	0.65	1	03/05/09	03/19/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.9	0.73	1	03/05/09	03/19/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.9	1.1	1	03/05/09	03/19/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: 03/03/2009
Date Received: 03/04/2009

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: FB01-030309
Lab Code: J0901057-006

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	24	10-77	03/19/09	Acceptable
Phenol-d6	14	10-51	03/19/09	Acceptable
Nitrobenzene-d5	62	32-106	03/19/09	Acceptable
2-Fluorobiphenyl	62	30-102	03/19/09	Acceptable
2,4,6-Tribromophenol	73	30-143	03/19/09	Acceptable
Terphenyl-d14	82	23-165	03/19/09	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: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0900781-1

Extraction Method: METHOD
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	5.0	0.42	1	03/05/09	03/12/09	JWG0900781	
2-Methylphenol	ND	U	5.0	0.64	1	03/05/09	03/12/09	JWG0900781	
4-Methylphenol†	ND	U	5.0	0.77	1	03/05/09	03/12/09	JWG0900781	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	03/05/09	03/12/09	JWG0900781	
Naphthalene	ND	U	5.0	0.79	1	03/05/09	03/12/09	JWG0900781	
2-Methylnaphthalene	ND	U	5.0	0.74	1	03/05/09	03/12/09	JWG0900781	
Acenaphthylene	ND	U	5.0	0.58	1	03/05/09	03/12/09	JWG0900781	
Acenaphthene	ND	U	5.0	0.99	1	03/05/09	03/12/09	JWG0900781	
Dibenzofuran	ND	U	5.0	0.79	1	03/05/09	03/12/09	JWG0900781	
Fluorene	ND	U	5.0	0.88	1	03/05/09	03/12/09	JWG0900781	
Pentachlorophenol	ND	U	20	0.67	1	03/05/09	03/12/09	JWG0900781	
Phenanthrene	ND	U	5.0	0.70	1	03/05/09	03/12/09	JWG0900781	
Anthracene	ND	U	5.0	0.71	1	03/05/09	03/12/09	JWG0900781	
Carbazole	ND	U	5.0	0.74	1	03/05/09	03/12/09	JWG0900781	
Fluoranthene	ND	U	5.0	0.66	1	03/05/09	03/12/09	JWG0900781	
Pyrene	ND	U	5.0	0.84	1	03/05/09	03/12/09	JWG0900781	
Benz(a)anthracene	ND	U	5.0	0.86	1	03/05/09	03/12/09	JWG0900781	
Chrysene	ND	U	5.0	0.87	1	03/05/09	03/12/09	JWG0900781	
Benzo(b)fluoranthene	ND	U	5.0	0.87	1	03/05/09	03/12/09	JWG0900781	
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	03/05/09	03/12/09	JWG0900781	
Benzo(a)pyrene	ND	U	5.0	0.63	1	03/05/09	03/12/09	JWG0900781	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	03/05/09	03/12/09	JWG0900781	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	03/05/09	03/12/09	JWG0900781	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	03/05/09	03/12/09	JWG0900781	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Units: ug/L
Basis: NA

Sample Name: Method Blank
Lab Code: JWG0900781-1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	33	10-77	03/12/09	Acceptable
Phenol-d6	17	10-51	03/12/09	Acceptable
Nitrobenzene-d5	74	32-106	03/12/09	Acceptable
2-Fluorobiphenyl	70	30-102	03/12/09	Acceptable
2,4,6-Tribromophenol	86	30-143	03/12/09	Acceptable
Terphenyl-d14	83	23-165	03/12/09	Acceptable

† **Analyte Comments**

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

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

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

Units: PERCENT
Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
FW26B-030209	J0901057-001	33	17	73	71	94	87
FW26C-030209	J0901057-002	29	15	67	67	86	82
FW99A-030309	J0901057-003	28	14	66	65	87	76
FW25B-030309	J0901057-004	32	17	71	69	91	83
FW25C-030309	J0901057-005	18	12	62	61	60	77
FB01-030309	J0901057-006	24	14	62	62	73	82
Method Blank	JWG0900781-1	33	17	74	70	86	83
Duplicate Lab Control Sample	JWG0900781-2	37	20	81	78	97	87
Lab Control Sample	JWG0900781-3	37	20	78	76	99	86

Surrogate Recovery Control Limits (%)			
Sur1 = 2-Fluorophenol	10-77	Sur5 = 2,4,6-Tribromophenol	30-14
Sur2 = Phenol-d6	10-51	Sur6 = Terphenyl-d14	23-16
Sur3 = Nitrobenzene-d5	32-106		
Sur4 = 2-Fluorobiphenyl	30-102		

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: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/11/2009
Time Analyzed: 19:44

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900853-2
Analysis Lot: JWG0900853
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>		1,224,670	7.67	3,739,593	9.58	2,441,425	13.03
Upper Limit ==>		2,449,340	8.17	7,479,186	10.08	4,882,850	13.53
Lower Limit ==>		612,335	7.17	1,869,797	9.08	1,220,713	12.53
ICAL Result ==>		1,246,623	7.68	3,962,848	9.59	2,660,205	13.04
Associated Analyses							
Method Blank	JWG0900781-1	1,436,929	7.67	4,756,478	9.58	3,257,000	13.03
Lab Control Sample	JWG0900781-3	1,288,140	7.67	4,081,604	9.59	2,739,789	13.04
Duplicate Lab Control Sample	JWG0900781-2	1,399,905	7.68	4,422,138	9.59	2,964,414	13.05

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/11/2009
Time Analyzed: 19:44

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900853-2
Analysis Lot: JWG0900853
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
Results ==>		3,719,360	16.32	2,801,534	21.96	2,587,268	24.26
Upper Limit ==>		7,438,720	16.82	5,603,068	22.46	5,174,536	24.76
Lower Limit ==>		1,859,680	15.82	1,400,767	21.46	1,293,634	23.76
ICAL Result ==>		3,840,036	16.33	2,852,364	21.96	2,567,500	24.26
Associated Analyses							
Method Blank	JWG0900781-1	5,186,691	16.32	3,531,874	21.95	3,008,045	24.26
Lab Control Sample	JWG0900781-3	4,063,323	16.33	2,946,061	21.96	2,612,843	24.26
Duplicate Lab Control Sample	JWG0900781-2	4,478,429	16.34	3,186,391	21.97	2,836,400	24.27

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/19/2009
Time Analyzed: 10:11

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C19\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900971-2
Analysis Lot: JWG0900971
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
Results ==>		1,347,314	7.56	4,439,192	9.45	2,721,247	12.86
Upper Limit ==>		2,694,628	8.06	8,878,384	9.95	5,442,494	13.36
Lower Limit ==>		673,657	7.06	2,219,596	8.95	1,360,624	12.36
ICAL Result ==>		1,143,116	7.67	3,520,202	9.58	2,313,766	13.03
Associated Analyses							
FW26B-030209	J0901057-001	1,016,454	7.55	3,531,677	9.45	2,355,712	12.87
FW26C-030209	J0901057-002	1,079,131	7.55	3,667,651	9.45	2,475,036	12.87
FW99A-030309	J0901057-003	1,031,255	7.56	3,587,538	9.46	2,434,479	12.87
FW25B-030309	J0901057-004	1,302,409	7.55	4,482,267	9.45	2,925,776	12.87
FW25C-030309	J0901057-005	1,342,736	7.57	4,638,059	9.45	3,095,438	12.87
FB01-030309	J0901057-006	1,335,009	7.56	4,612,478	9.46	3,017,912	12.87

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Service Request: J0901057
Date Analyzed: 03/19/2009
Time Analyzed: 10:11

Internal Standard Area and RT Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C19\031
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0900971-2
Analysis Lot: JWG0900971
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	4,271,921	16.14	2,902,934	21.81	2,622,843	24.11
	Upper Limit ==>	8,543,842	16.64	5,805,868	22.31	5,245,686	24.61
	Lower Limit ==>	2,135,961	15.64	1,451,467	21.31	1,311,422	23.61
	ICAL Result ==>	3,650,379	16.32	2,771,161	21.95	2,435,128	24.25
Associated Analyses							
FW26B-030209	J0901057-001	3,798,751	16.15	2,565,840	21.80	2,168,341	24.12
FW26C-030209	J0901057-002	4,005,633	16.15	2,766,498	21.81	2,445,669	24.12
FW99A-030309	J0901057-003	3,870,797	16.15	2,782,381	21.80	2,432,377	24.12
FW25B-030309	J0901057-004	4,703,287	16.15	3,113,621	21.81	2,727,897	24.12
FW25C-030309	J0901057-005	4,953,990	16.15	3,465,161	21.81	2,939,191	24.12
FB01-030309	J0901057-006	4,754,984	16.16	3,346,211	21.81	2,775,627	24.11

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Service Request: J0901057
Date Extracted: 03/05/2009
Date Analyzed: 03/12/2009

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

Extraction Method: METHOD
Aualysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: JWG0900781

	Lab Control Sample JWG0900781-3 Lab Control Spike			Duplicate Lab Control Sample JWG0900781-2 Duplicate Lab Control Spike					
Analyte Name	**Result**	**Expected**	**%Rec**	**Result**	**Expected**	**%Rec**	**%Rec Limits**	**RPD**	**RPD Limit**
Phenol	14.0	50.0	28	14.1	50.0	28	12-54	1	30
2-Methylphenol	30.2	50.0	60	31.1	50.0	62	21-100	3	30
4-Methylphenol	59.0	75.0	79	60.3	75.0	80	15-95	2	30
2,4-Dimethylphenol	33.6	50.0	67	35.1	50.0	70	38-110	4	30
Naphthalene	35.8	50.0	72	36.9	50.0	74	40-97	3	30
2-Methylnaphthalene	41.2	50.0	82	42.5	50.0	85	46-110	3	30
Acenaphthylene	37.1	50.0	74	38.8	50.0	78	45-99	5	30
Acenaphthene	39.4	50.0	79	41.2	50.0	82	42-106	4	30
Dibenzofuran	41.4	50.0	83	43.0	50.0	86	49-103	4	30
Fluorene	41.4	50.0	83	43.0	50.0	86	54-97	4	30
Pentachlorophenol	46.9	50.0	94	47.9	50.0	96	35-120	2	30
Phenanthrene	41.6	50.0	83	41.6	50.0	83	49-110	0	30
Anthracene	42.1	50.0	84	42.7	50.0	85	50-104	1	30
Carbazole	42.9	50.0	86	42.8	50.0	86	48-118	0	30
Fluoranthene	45.8	50.0	92	45.7	50.0	91	48-110	0	30
Pyrene	42.7	50.0	85	43.6	50.0	87	35-110	2	30
Benz(a)anthracene	43.3	50.0	87	45.7	50.0	91	42-114	5	30
Chrysene	41.3	50.0	83	44.7	50.0	89	50-113	8	30
Benzo(b)fluoranthene	43.1	50.0	86	49.4	50.0	99	56-110	14	30
Benzo(k)fluoranthene	47.2	50.0	94	42.8	50.0	86	48-110	10	30
Benzo(a)pyrene	38.6	50.0	77	37.6	50.0	75	46-110	3	30
Indeno(1,2,3-cd)pyrene	49.2	50.0	98	49.8	50.0	100	54-115	1	30
Dibenz(a,h)anthracene	51.2	50.0	102	51.5	50.0	103	51-125	0	30
Benzo(g,h,i)perylene	48.1	50.0	96	49.2	50.0	98	53-116	2	30

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.	**Service Request:**	J0901057
Project:	Gainesville,FL/OM045009-091	**Date Extracted:**	03/05/2009
Sample Matrix:	Water	**Date Analyzed:**	03/12/2009
		Time Analyzed:	04:37

Method Blank Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS019C11\0311-31.D
Lab Code:	JWG0900781-1	**Instrument ID:**	MS01.i
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0900781

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0900781-3	J:\MS01\DATA\MS019C11\0311-32.D	03/12/09	05:17
Duplicate Lab Control Sample	JWG0900781-2	J:\MS01\DATA\MS019C11\0311-33.D	03/12/09	05:57
FW26B-030209	J0901057-001	J:\MS01\DATA\MS019C19\0319-07.D	03/19/09	12:08
FW26C-030209	J0901057-002	J:\MS01\DATA\MS019C19\0319-08.D	03/19/09	12:47
FW99A-030309	J0901057-003	J:\MS01\DATA\MS019C19\0319-09.D	03/19/09	13:26
FW25B-030309	J0901057-004	J:\MS01\DATA\MS019C19\0319-10.D	03/19/09	14:05
FW25C-030309	J0901057-005	J:\MS01\DATA\MS019C19\0319-11.D	03/19/09	14:44
FB01-030309	J0901057-006	J:\MS01\DATA\MS019C19\0319-12.D	03/19/09	15:23

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

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

Sample Name:	Lab Control Sample
Lab Code:	JWG0900781-3
File ID:	J:\MS01\DATA\MS019C11\0311-32.D
Instrument ID:	MS01.i
Date Extracted:	03/05/2009
Date Analyzed:	03/12/2009
Time Analyzed:	05:17

Sample Name:	Duplicate Lab Control Sample
Lab Code:	JWG0900781-2
File ID:	J:\MS01\DATA\MS019C11\0311-33.D
Instrument ID:	MS01.i
Date Extracted:	03/05/2009
Date Analyzed:	03/12/2009
Time Analyzed:	05:57

Extraction Method: METHOD
Analysis Method: 8270C

Level: Low
Extraction Lot: JWG0900781

These Lab Control Samples apply to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0900781-1	J:\MS01\DATA\MS019C11\0311-31.D	03/12/09	04:37
FB01-030309	J0901057-006	J:\MS01\DATA\MS019C19\0319-12.D	03/19/09	15:23
FW26B-030209	J0901057-001	J:\MS01\DATA\MS019C19\0319-07.D	03/19/09	12:08
FW26C-030209	J0901057-002	J:\MS01\DATA\MS019C19\0319-08.D	03/19/09	12:47
FW99A-030309	J0901057-003	J:\MS01\DATA\MS019C19\0319-09.D	03/19/09	13:26
FW25B-030309	J0901057-004	J:\MS01\DATA\MS019C19\0319-10.D	03/19/09	14:05
FW25C-030309	J0901057-005	J:\MS01\DATA\MS019C19\0319-11.D	03/19/09	14:44

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Analyzed: 03/11/2009
Time Analyzed: 19:26

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900853

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\0311-17.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	53.0	95264	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	49.8	89472	PASS
70	69	0	2	0.5	439	PASS
127	198	40	60	43.8	78760	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	179648	PASS
199	198	5	9	6.9	12363	PASS
275	198	10	30	20.4	36664	PASS
365	198	1	100	2.6	4705	PASS
441	443	0	100	92.3	20328	PASS
442	198	40	200	62.2	111792	PASS
443	442	17	23	19.7	22016	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900853-2	J:\MS01\DATA\MS019C11\0311-18.	03/11/2009	19:44	
Method Blank	JWG0900781-1	J:\MS01\DATA\MS019C11\0311-31.	03/12/2009	04:37	
Lab Control Sample	JWG0900781-3	J:\MS01\DATA\MS019C11\0311-32.	03/12/2009	05:17	
Duplicate Lab Control Sample	JWG0900781-2	J:\MS01\DATA\MS019C11\0311-33.	03/12/2009	05:57	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Analyzed: 03/19/2009
Time Analyzed: 09:52

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C
Analysis Lot: JWG0900971

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C19\0319-03.D
Instrument ID: MS01.i
Column:

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	54.4	78336	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	54.0	77728	PASS
70	69	0	2	1.9	1474	PASS
127	198	40	60	41.1	59208	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	144000	PASS
199	198	5	9	6.8	9863	PASS
275	198	10	30	22.2	31928	PASS
365	198	1	100	2.9	4142	PASS
441	443	0	100	94.5	14909	PASS
442	198	40	200	59.2	85240	PASS
443	442	17	23	18.5	15784	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0900971-2	J:\MS01\DATA\MS019C19\0319-04.	03/19/2009	10:11	
FW26B-030209	J0901057-001	J:\MS01\DATA\MS019C19\0319-07.	03/19/2009	12:08	
FW26C-030209	J0901057-002	J:\MS01\DATA\MS019C19\0319-08.	03/19/2009	12:47	
FW99A-030309	J0901057-003	J:\MS01\DATA\MS019C19\0319-09.	03/19/2009	13:26	
FW25B-030309	J0901057-004	J:\MS01\DATA\MS019C19\0319-10.	03/19/2009	14:05	
FW25C-030309	J0901057-005	J:\MS01\DATA\MS019C19\0319-11.	03/19/2009	14:44	
FB01-030309	J0901057-006	J:\MS01\DATA\MS019C19\0319-12.	03/19/2009	15:23	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-
I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Phenol	A	5.0	1.43	B	10	1.40	C	20	1.53	D	50	1.69	E	100	2.02
	F	150	2.19												
2-Methylphenol	A	5.0	0.845	B	10	0.797	C	20	0.845	D	50	0.941	E	100	1.06
	F	150	1.09												
4-Methylphenol	A	5.0	1.11	B	10	1.05	C	20	1.09	D	50	1.25	E	100	1.36
	F	150	1.54												
2,4-Dimethylphenol	A	5.0	0.240	B	10	0.234	C	20	0.243	D	50	0.253	E	100	0.258
	F	150	0.289												
Naphthalene	A	5.0	0.872	B	10	0.824	C	20	0.885	D	50	0.949	E	100	1.07
	F	150	0.921												
2-Methylnaphthalene	A	5.0	0.581	B	10	0.533	C	20	0.567	D	50	0.598	E	100	0.627
	F	150	0.655												
Acenaphthylene	A	5.0	1.51	B	10	1.48	C	20	1.58	D	50	1.67	E	100	1.76
	F	150	2.04												
‡ Acenaphthene	A	5.0	0.870	B	10	0.869	C	20	0.931	D	50	0.971	E	100	1.02
	F	150	1.03												
Dibenzofuran	A	5.0	1.43	B	10	1.44	C	20	1.56	D	50	1.57	E	100	1.57
	F	150	1.51												
Fluorene	A	5.0	1.18	B	10	1.16	C	20	1.22	D	50	1.29	E	100	1.33
	F	150	1.17												
‡ Pentachlorophenol	A	5.0	0.0614	B	10	0.0766	C	20	0.0837	D	50	0.107	E	100	0.109
	F	150	0.115												
Phenanthrene	A	5.0	1.00	B	10	1.03	C	20	1.09	D	50	1.21	E	100	1.24
	F	150	1.20												
Anthracene	A	5.0	1.02	B	10	1.04	C	20	1.10	D	50	1.09	E	100	1.12
	F	150	1.04												
Carbazole	A	5.0	0.906	B	10	0.916	C	20	0.930	D	50	0.948	E	100	1.01
	F	150	1.00												

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
‡ Fluoranthene	A	5.0	0.898	B	10	0.909	C	20	0.945	D	50	0.982	E	100	1.01
	F	150	0.954												
Pyrene	A	5.0	1.23	B	10	1.28	C	20	1.30	D	50	1.33	E	100	1.50
	F	150	1.80												
Benz(a)anthracene	A	5.0	0.904	B	10	0.871	C	20	0.965	D	50	1.03	E	100	1.06
	F	150	1.14												
Chrysene	A	5.0	0.889	B	10	0.902	C	20	0.952	D	50	0.967	E	100	1.02
	F	150	1.11												
Benzo(b)fluoranthene	A	5.0	0.975	B	10	0.891	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.35												
Benzo(k)fluoranthene	A	5.0	1.06	B	10	1.11	C	20	0.928	D	50	1.07	E	100	1.32
	F	150	1.87												
‡ Benzo(a)pyrene	A	5.0	0.771	B	10	0.790	C	20	0.890	D	50	1.01	E	100	1.01
	F	150	0.905												
Indeno(1,2,3-cd)pyrene	A	5.0	0.808	B	10	0.852	C	20	0.982	D	50	1.05	E	100	1.10
	F	150	1.05												
Dibenz(a,h)anthracene	A	5.0	0.641	B	10	0.710	C	20	0.826	D	50	0.894	E	100	0.914
	F	150	0.879												
Benzo(g,h,i)perylene	A	5.0	0.668	B	10	0.735	C	20	0.817	D	50	0.866	E	100	0.919
	F	150	0.887												
2-Fluorophenol	A	5.0	0.997	B	10	0.936	C	20	1.03	D	50	1.10	E	100	1.16
	F	150	1.22												
Phenol-d6	A	5.0	1.30	B	10	1.23	C	20	1.32	D	50	1.49	E	100	1.74
	F	150	1.96												
Nitrobenzene-d5	A	5.0	0.313	B	10	0.305	C	20	0.330	D	50	0.363	E	100	0.388
	F	150	0.393												
2-Fluorobiphenyl	A	5.0	1.23	B	10	1.23	C	20	1.32	D	50	1.35	E	100	1.39
	F	150	1.50												
2,4,6-Tribromophenol	A	5.0	0.0736	B	10	0.0746	C	20	0.0806	D	50	0.0955	E	100	0.093
	F	150	0.0885												
Terphenyl-d14	A	5.0	0.682	B	10	0.704	C	20	0.719	D	50	0.749	E	100	0.798
	F	150	0.881												

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† **SPCC Compound**

‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 03/11/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Initial Calibration Summary
Semi-Volatile Organic Compounds by GC/MS

Column: HP-5MS

ICAL ID: CAL1779
Instrument ID: MS01.i

Analyte Name	Compound Type	Calibration Evaluation					RRF Evaluation		
		Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
‡ Phenol	MS	AverageRF	% RSD	19.2		≤ 30	1.71		0.01
2-Methylphenol	MS	AverageRF	% RSD	13.2		≤ 30	0.930		0.01
4-Methylphenol	MS	AverageRF	% RSD	15.3		≤ 30	1.23		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.8		≤ 30	0.253		0.01
Naphthalene	MS	AverageRF	% RSD	9.3		≤ 30	0.920		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	7.3		≤ 30	0.593		0.01
Acenaphthylene	MS	AverageRF	% RSD	12.5		≤ 30	1.67		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.4		≤ 30	0.948		0.01
Dibenzofuran	MS	AverageRF	% RSD	4.2		≤ 30	1.51		0.01
Fluorene	MS	AverageRF	% RSD	5.8		≤ 30	1.23		0.01
‡ Pentachlorophenol	MS	Linear	R2	0.999		≥ 0.990	0.0921		0.01
Phenanthrene	MS	AverageRF	% RSD	9.1		≤ 30	1.13		0.01
Anthracene	MS	AverageRF	% RSD	3.9		≤ 30	1.07		0.01
Carbazole	MS	AverageRF	% RSD	4.7		≤ 30	0.952		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	4.4		≤ 30	0.949		0.01
Pyrene	MS	AverageRF	% RSD	15.2		≤ 30	1.41		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	10.2		≤ 30	0.996		0.01
Chrysene	MS	AverageRF	% RSD	8.4		≤ 30	0.973		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	18.4		≤ 30	1.09		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	27.7		≤ 30	1.23		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	11.5		≤ 30	0.896		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	12.2		≤ 30	0.974		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	13.7		≤ 30	0.811		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	11.8		≤ 30	0.815		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.8		≤ 30	1.07		0.01
Phenol-d6	SURR	AverageRF	% RSD	19.2		≤ 30	1.51		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.9		≤ 30	0.349		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	7.7		≤ 30	1.34		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	11.2		≤ 30	0.0843		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	9.7		≤ 30	0.756		0.01

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

‡ **CCC Compound**

† **SPCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
ICAL Date: 03/11/2009
Date Analyzed: 03/11/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Second Source Calibration Verification
Semi-Volatile Organic Compounds by GC/MS

ICAL ID: CAL1779
Units: ug/mL

ICAL Type: Internal Standard
Analysis Method: 8270C

Column ID: HP-5MS

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS019C11\0311-13.D

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	55	1.71	1.88	10	NA	± 30 %	AverageRF
2-Methylphenol	50	55	0.930	1.03	10	NA	± 30 %	AverageRF
4-Methylphenol	50	54	1.23	1.34	9	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	56	0.253	0.281	11	NA	± 30 %	AverageRF
Naphthalene	50	56	0.920	1.03	12	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	55	0.593	0.649	9	NA	± 30 %	AverageRF
Acenaphthylene	50	56	1.67	1.87	12	NA	± 30 %	AverageRF
‡ Acenaphthene	50	57	0.948	1.08	14	NA	± 30 %	AverageRF
Dibenzofuran	50	59	1.51	1.77	17	NA	± 30 %	AverageRF
Fluorene	50	59	1.23	1.45	18	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.0921	0.115	NA	7	± 30 %	Linear
Phenanthrene	50	55	1.13	1.24	10	NA	± 30 %	AverageRF
Anthracene	50	56	1.07	1.19	11	NA	± 30 %	AverageRF
Carbazole	50	53	0.952	1.02	7	NA	± 30 %	AverageRF
‡ Fluoranthene	50	55	0.949	1.05	10	NA	± 30 %	AverageRF
Pyrene	50	56	1.41	1.59	13	NA	± 30 %	AverageRF
Benz(a)anthracene	50	59	0.996	1.18	18	NA	± 30 %	AverageRF
Chrysene	50	56	0.973	1.08	11	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.09	1.29	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	56	1.23	1.37	12	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	62	0.896	1.10	23	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	64	0.974	1.24	27	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	64	0.811	1.04	28	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	63	0.815	1.03	26	NA	± 30 %	AverageRF

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

‡ CCC Compound

† SPCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Analyzed: 03/11/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900853
Units: ug/mL
Column ID: HP-5MS

ICAL Type: Internal Standard
Analysis Method: 8270C

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C11\0311-18.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	49	0.01	1.71	1.67	-2	NA	± 20 %	AverageRF
2-Methylphenol	50	48	0.01	0.930	0.900	-3	NA	± 30 %	AverageRF
4-Methylphenol	50	48	0.01	1.23	1.19	-3	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.01	0.253	0.245	-3	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	0.920	0.947	3	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	50	0.01	0.593	0.594	0	NA	± 30 %	AverageRF
Acenaphthylene	50	50	0.01	1.67	1.69	1	NA	± 30 %	AverageRF
‡ Acenaphthene	50	52	0.01	0.948	0.979	3	NA	± 20 %	AverageRF
Dibenzofuran	50	52	0.01	1.51	1.59	5	NA	± 30 %	AverageRF
Fluorene	50	53	0.01	1.23	1.30	6	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	54	0.01	0.0921	0.115	NA	7	± 20 %	Linear
Phenanthrene	50	50	0.01	1.13	1.14	1	NA	± 30 %	AverageRF
Anthracene	50	51	0.01	1.07	1.09	2	NA	± 30 %	AverageRF
Carbazole	50	50	0.01	0.952	0.960	1	NA	± 30 %	AverageRF
‡ Fluoranthene	50	53	0.01	0.949	1.01	6	NA	± 20 %	AverageRF
Pyrene	50	49	0.01	1.41	1.37	-3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	53	0.01	0.996	1.05	5	NA	± 30 %	AverageRF
Chrysene	50	52	0.01	0.973	1.02	5	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	54	0.01	1.09	1.18	9	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	49	0.01	1.23	1.20	-2	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	57	0.01	0.896	1.02	14	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	58	0.01	0.974	1.14	17	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	59	0.01	0.811	0.956	18	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	58	0.01	0.815	0.941	15	NA	± 30 %	AverageRF
2-Fluorophenol	50	52	0.01	1.07	1.11	3	NA	± 30 %	AverageRF
Phenol-d6	50	48	0.01	1.51	1.46	-3	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	54	0.01	0.349	0.375	7	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	52	0.01	1.34	1.39	4	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	55	0.01	0.0843	0.0924	10	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.756	0.756	0	NA	± 30 %	AverageRF

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

† SPCC Compound

‡ CCC Compound

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Analyzed: 03/19/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Continuing Calibration Verification Summary
Semi-Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 03/11/2009
ICAL ID: CAL1779
Analysis Lot: JWG0900971
Units: ug/mL
Column ID: HP-5MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS019C19\0319-04.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	20	20	0.01	1.71	1.68	-2	NA	± 20 %	AverageRF
2-Methylphenol	20	20	0.01	0.930	0.921	-1	NA	± 30 %	AverageRF
4-Methylphenol	20	19	0.01	1.23	1.17	-5	NA	± 30 %	AverageRF
2,4-Dimethylphenol	20	19	0.01	0.253	0.241	-5	NA	± 30 %	AverageRF
Naphthalene	20	20	0.01	0.920	0.900	-2	NA	± 30 %	AverageRF
2-Methylnaphthalene	20	19	0.01	0.593	0.550	-7	NA	± 30 %	AverageRF
Acenaphthylene	20	20	0.01	1.67	1.65	-1	NA	± 30 %	AverageRF
‡ Acenaphthene	20	20	0.01	0.948	0.961	1	NA	± 20 %	AverageRF
Dibenzofuran	20	21	0.01	1.51	1.58	4	NA	± 30 %	AverageRF
Fluorene	20	21	0.01	1.23	1.28	4	NA	± 30 %	AverageRF
‡ Pentachlorophenol	20	23	0.01	0.0921	0.108	NA	13	± 20 %	Linear
Phenanthrene	20	20	0.01	1.13	1.15	2	NA	± 30 %	AverageRF
Anthracene	20	20	0.01	1.07	1.08	1	NA	± 30 %	AverageRF
Carbazole	20	20	0.01	0.952	0.949	0	NA	± 30 %	AverageRF
‡ Fluoranthene	20	21	0.01	0.949	1.00	5	NA	± 20 %	AverageRF
Pyrene	20	20	0.01	1.41	1.41	0	NA	± 30 %	AverageRF
Benz(a)anthracene	20	21	0.01	0.996	1.06	6	NA	± 30 %	AverageRF
Chrysene	20	22	0.01	0.973	1.05	8	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	20	19	0.01	1.09	1.05	-4	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	20	20	0.01	1.23	1.23	0	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	20	21	0.01	0.896	0.930	4	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	20	21	0.01	0.974	1.00	3	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	20	20	0.01	0.811	0.821	1	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	20	20	0.01	0.815	0.800	-2	NA	± 30 %	AverageRF
2-Fluorophenol	20	20	0.01	1.07	1.09	2	NA	± 30 %	AverageRF
Phenol-d6	20	20	0.01	1.51	1.51	0	NA	± 30 %	AverageRF
Nitrobenzene-d5	20	21	0.01	0.349	0.359	3	NA	± 30 %	AverageRF
2-Fluorobiphenyl	20	20	0.01	1.34	1.36	2	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	20	21	0.01	0.0843	0.0903	7	NA	± 30 %	AverageRF
Terphenyl-d14	20	21	0.01	0.756	0.775	3	NA	± 30 %	AverageRF

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

† **SPCC Compound**

‡ **CCC Compound**

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900853
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0311-17.D	GC/MS Tuning - Generic	JWG0900853-1	3/11/2009	19:26		3/11/2009	19:26
\0311-18.D	Continuing Calibration Verification	JWG0900853-2	3/11/2009	19:44		3/11/2009	19:44
\0311-19.D	ZZZZZZ	ZZZZZZ	3/11/2009	20:26		3/11/2009	20:26
\0311-20.D	ZZZZZZ	ZZZZZZ	3/11/2009	21:08		3/11/2009	21:08
\0311-21.D	ZZZZZZ	ZZZZZZ	3/11/2009	21:49		3/11/2009	21:49
\0311-22.D	ZZZZZZ	ZZZZZZ	3/11/2009	22:29		3/11/2009	22:29
\0311-23.D	ZZZZZZ	ZZZZZZ	3/11/2009	23:10		3/11/2009	23:10
\0311-24.D	ZZZZZZ	ZZZZZZ	3/11/2009	23:51		3/11/2009	23:51
\0311-25.D	ZZZZZZ	ZZZZZZ	3/12/2009	00:32		3/12/2009	00:32
\0311-26.D	ZZZZZZ	ZZZZZZ	3/12/2009	01:13		3/12/2009	01:13
\0311-27.D	ZZZZZZ	ZZZZZZ	3/12/2009	01:54		3/12/2009	01:54
\0311-28.D	ZZZZZZ	ZZZZZZ	3/12/2009	02:35		3/12/2009	02:35
\0311-29.D	ZZZZZZ	ZZZZZZ	3/12/2009	03:16		3/12/2009	03:16
\0311-30.D	ZZZZZZ	ZZZZZZ	3/12/2009	03:56		3/12/2009	03:56
\0311-31.D	Method Blank	JWG0900781-1	3/12/2009	04:37		3/12/2009	04:37
\0311-32.D	Lab Control Sample	JWG0900781-3	3/12/2009	05:17		3/12/2009	05:17
\0311-33.D	Duplicate Lab Control Sample	JWG0900781-2	3/12/2009	05:57		3/12/2009	05:57
\0311-34.D	ZZZZZZ	ZZZZZZ	3/12/2009	06:38		3/12/2009	06:38
\0311-35.D	ZZZZZZ	ZZZZZZ	3/12/2009	07:18		3/12/2009	07:18
\0311-39.D	ZZZZZZ	ZZZZZZ	3/12/2009	09:20		3/12/2009	09:20
\0311-40.D	ZZZZZZ	ZZZZZZ	3/12/2009	09:59		3/12/2009	09:59
\0311-41.D	ZZZZZZ	ZZZZZZ	3/12/2009	10:37		3/12/2009	10:37
\0311-42.D	ZZZZZZ	ZZZZZZ	3/12/2009	11:15		3/12/2009	11:15
\0311-43.D	ZZZZZZ	ZZZZZZ	3/12/2009	11:54		3/12/2009	11:54
\0311-44.D	ZZZZZZ	ZZZZZZ	3/12/2009	12:33		3/12/2009	12:33
\0311-45.D	ZZZZZZ	ZZZZZZ	3/12/2009	13:12		3/12/2009	13:12
\0311-46.D	ZZZZZZ	ZZZZZZ	3/12/2009	13:50		3/12/2009	13:50
\0311-47.D	ZZZZZZ	ZZZZZZ	3/12/2009	14:29		3/12/2009	14:29
\0311-48.D	ZZZZZZ	ZZZZZZ	3/12/2009	15:08		3/12/2009	15:08
\0311-49.D	ZZZZZZ	ZZZZZZ	3/12/2009	15:46		3/12/2009	15:46
\0311-50.D	ZZZZZZ	ZZZZZZ	3/12/2009	16:25		3/12/2009	16:25
\0311-51.D	ZZZZZZ	ZZZZZZ	3/12/2009	17:04		3/12/2009	17:04
\0311-52.D	ZZZZZZ	ZZZZZZ	3/12/2009	17:42		3/12/2009	17:42
\0311-53.D	ZZZZZZ	ZZZZZZ	3/12/2009	18:20		3/12/2009	18:20
\0311-54.D	ZZZZZZ	ZZZZZZ	3/12/2009	18:58		3/12/2009	18:58

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900853
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0311-55.D	ZZZZZZ	ZZZZZZ	3/12/2009	19:37		3/12/2009	19:37

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091

Analysis Run Log
Semi-Volatile Organic Compounds by GC/MS

Analysis Method: 8270C

Analysis Lot: JWG0900971
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0319-03.D	GC/MS Tuning - Generic	JWG0900971-1	3/19/2009	09:52		3/19/2009	09:52
\0319-04.D	Continuing Calibration Verification	JWG0900971-2	3/19/2009	10:11		3/19/2009	10:11
\0319-05.D	ZZZZZZ	ZZZZZZ	3/19/2009	10:50		3/19/2009	10:50
\0319-06.D	ZZZZZZ	ZZZZZZ	3/19/2009	11:29		3/19/2009	11:29
\0319-07.D	FW26B-030209	J0901057-001	3/19/2009	12:08		3/19/2009	12:08
\0319-08.D	FW26C-030209	J0901057-002	3/19/2009	12:47		3/19/2009	12:47
\0319-09.D	FW99A-030309	J0901057-003	3/19/2009	13:26		3/19/2009	13:26
\0319-10.D	FW25B-030309	J0901057-004	3/19/2009	14:05		3/19/2009	14:05
\0319-11.D	FW25C-030309	J0901057-005	3/19/2009	14:44		3/19/2009	14:44
\0319-12.D	FB01-030309	J0901057-006	3/19/2009	15:23		3/19/2009	15:23
\0319-13.D	ZZZZZZ	ZZZZZZ	3/19/2009	16:02		3/19/2009	16:02
\0319-14.D	ZZZZZZ	ZZZZZZ	3/19/2009	16:41		3/19/2009	16:41
\0319-15.D	ZZZZZZ	ZZZZZZ	3/19/2009	17:20		3/19/2009	17:20
\0319-16.D	ZZZZZZ	ZZZZZZ	3/19/2009	17:59		3/19/2009	17:59
\0319-17.D	ZZZZZZ	ZZZZZZ	3/19/2009	18:38		3/19/2009	18:38
\0319-18.D	ZZZZZZ	ZZZZZZ	3/19/2009	19:16		3/19/2009	19:16
\0319-19.D	ZZZZZZ	ZZZZZZ	3/19/2009	19:56		3/19/2009	19:56
\0319-20.D	ZZZZZZ	ZZZZZZ	3/19/2009	20:35		3/19/2009	20:35
\0319-21.D	ZZZZZZ	ZZZZZZ	3/19/2009	21:14		3/19/2009	21:14
\0319-22.D	ZZZZZZ	ZZZZZZ	3/19/2009	21:53		3/19/2009	21:53
\0319-23.D	ZZZZZZ	ZZZZZZ	3/19/2009	22:31		3/19/2009	22:31
\0319-24.D	ZZZZZZ	ZZZZZZ	3/19/2009	23:10		3/19/2009	23:10
\0319-25.D	ZZZZZZ	ZZZZZZ	3/19/2009	23:49		3/19/2009	23:49

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Service Request: J0901057
Date Extracted: 03/05/2009

Client: Beazer East, Inc.
Project: Gainesville,FL/OM045009-091
Sample Matrix: Water

Extraction Prep Log
Semi-Volatile Organic Compounds by GC/MS

Extraction Lot: JWG0900781
Level: Low

Extraction Method: EPA 3510C
Analysis Method: 8270C

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FW26B-030209	J0901057-001	03/02/09	03/04/09	890ml	1.0ml	NA	
FW26C-030209	J0901057-002	03/02/09	03/04/09	960ml	1.0ml	NA	
FW99A-030309	J0901057-003	03/03/09	03/04/09	980ml	1.0ml	NA	
FW25B-030309	J0901057-004	03/03/09	03/04/09	820ml	1.0ml	NA	
FW25C-030309	J0901057-005	03/03/09	03/04/09	980ml	1.0ml	NA	
FB01-030309	J0901057-006	03/03/09	03/04/09	850ml	1.0ml	NA	
Method Blank	JWG0900781-1	NA	NA	1000ml	1.0ml	NA	
Duplicate Lab Control Sample	JWG0900781-2	NA	NA	1000ml	1.0ml	NA	
Lab Control Sample	JWG0900781-3	NA	NA	1000ml	1.0ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

SDG No.: J0901057

Client: Beazer East, Inc.

SAS No.:

Lab Code: CAS-JAX Project No.: OM045009-091

SOW No.:

Sample ID.	Lab Sample No.
FW26B-030209	J0901057-001
FW26B-030209S	J0901057-001S
FW26B-030209SD	J0901057-001SD
FW26C-030209	J0901057-002
FW99A-030309	J0901057-003
FW25B-030309	J0901057-004
FW25C-030309	J0901057-005
FB01-030309	J0901057-006

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No NO

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Barbara Scribner Name: Barbara Scribner

Date: 3/31/09 Title: Metals Supervisor

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW26B-030209

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Lab Sample ID: J0901057-001

Level (low/med): LOW Date Received: 3/4/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12			MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW26C-030209

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Lab Sample ID: J0901057-002

Level (low/med): LOW Date Received: 3/4/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.62		U	MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.5	U	JB	MS
7440-66-6	Zinc	5.5	U	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW99A-030309

Client: Beazer East, Inc. SAS No.: SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 Lab Sample ID: J0901057-003

Matrix (soil/water): WATER Date Received: 3/4/2009

Level (low/med): LOW

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW25B-030309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Lab Sample ID: J0901057-004

Level (low/med): LOW Date Received: 3/4/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.92		U	MS
7440-47-3	Chromium	0.8	i	JB	MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	9.0	i	J	MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW25C-030309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Lab Sample ID: J0901057-005

Level (low/med): LOW Date Received: 3/4/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.22	J	W	MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.4	J	JB	MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FB01-030309

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Lab Sample ID: J0901057-006

Level (low/med): LOW Date Received: 3/4/2009

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.20	U		MS
7440-47-3	Chromium	1.2	J	J	MS
7440-50-8	Copper	0.3	J	J	MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	48.5	97	25.0	25.8	103	24.8	99	MS
Chromium	20.0	19.6	98	25.0	25.3	101	24.8	99	MS
Copper	25.0	24.1	96	25.0	25.1	100	24.5	98	MS
Zinc	50.0	49.2	98	50.0	49.1	98	48.7	97	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0901057

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	25.6	102	24.3	97	MS
Chromium				25.0	24.9	100	24.8	99	MS
Copper				25.0	24.8	99	23.5	94	MS
Zinc				50.0	49.1	98	49.2	98	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0901057

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Arsenic				25.0	25.7	103	24.2	97	MS
Chromium				25.0	25.1	100	25.1	100	MS
Copper				25.0	24.4	98	24.0	96	MS
Zinc				50.0	49.0	98	48.1	96	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0901057

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic				25.0	25.3	101	25.2	101	MS
Chromium				25.0	24.6	98	25.2	101	MS
Copper				25.0	23.3	93	24.1	96	MS
Zinc				50.0	47.4	95	47.8	96	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2A-
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Initial Calibration Source: Inorganic Ventures

Continuing Calibration Source: SCP

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Arsenic	50.0	47.6	95	25.0	24.3	97	24.0	96	MS
Chromium	20.0	20.2	101	25.0	25.0	100	25.0	100	MS
Copper	25.0	24.8	99	25.0	24.0	96	24.8	99	MS
Zinc	50.0	49.7	99	50.0	49.4	99	49.6	99	MS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc. SDG No.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.488	98		
Chromium				2.00	1.81	90		
Copper				2.00	2.04	102		
Zinc				10.0	11.2	112		

Comments:

Dissolved Metals
-2B-
CRDL STANDARD FOR AA AND ICP

Client: Beazer East, Inc. SDG No.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

AA CRDL Standard Source:

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				0.500	0.365	73		
Chromium				2.000	2.050	102		
Copper				2.000	2.020	101		
Zinc				10.000	11.000	110		

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.200	U	0.200	U	0.200	U	0.289	U	0.20	U	MS
Chromium	0.800	U	0.800	U	0.800	U	0.800	U	0.8	U	MS
Copper	0.300	U	0.300	U	0.300	U	0.300	U	0.3	U	MS
Zinc	4.00	U	4.00	U	4.00	U	4.00	U	4.0	U	MS

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0901057

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.683		0.390	J			MS
Chromium			0.800	U	0.800	U	0.800	U			MS
Copper			0.300	U	0.300	U	0.300	U			MS
Zinc			4.00	U	4.00	U	4.00	U			MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			0.200	U	0.200	U					MS
Chromium			0.800	U	0.800	U					MS
Copper			0.300	U	0.300	U					MS
Zinc			4.00	U	4.00	U					MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	0.200	U	0.200	U	0.200	U					MS
Chromium	0.800	U	0.800	U	0.800	U					MS
Copper	0.300	U	0.300	U	0.300	U					MS
Zinc	4.00	U	4.00	U	4.00	U					MS

Comments:

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: ICS Source: Inorganic Ventures

ICP ID Number: ICP-MS

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.1	19.7	98			
Chromium	0.0	20.0	0.5	20.1	100			
Copper	0.0	20.0	0.5	18.5	92			
Zinc	0.0	40.0	2.0	39.8	100			

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc. SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: ICS Source: Inorganic Ventures

ICP ID Number: ICP-MS

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Arsenic	0.0	20.0	-0.3	19.5	98			
Chromium	0.0	20.0	0.5	20.4	102			
Copper	0.0	20.0	0.5	18.6	93			
Zinc	0.0	40.0	2.1	40.2	100			

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW26B-030209S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	70 - 130	64.1		12.1		50.0	104		MS
Chromium	70 - 130	49.7		0.8	U	50.0	99		MS
Copper	70 - 130	47.0		0.3	U	50.0	93		MS
Zinc	70 - 130	102.0		4.0	U	100	102		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FW26B-030209SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	70 - 130	65.9		12.1		50.0	108		MS
Chromium	70 - 130	50.8		0.8	U	50.0	102		MS
Copper	70 - 130	48.3		0.3	U	50.0	96		MS
Zinc	70 - 130	102.0		4.0	U	100	102		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: FW26B-030209A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Arsenic	75 - 125	57.70		12.10		50.0	91		MS
Chromium	75 - 125	48.50		0.80	U	50.0	97		MS
Copper	75 - 125	44.00		0.30	U	50.0	88		MS
Zinc	75 - 125	97.40		4.00	U	100.0	97		MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.: FW26B-030209SD

Client: Beazer East, Inc.

SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.:

Level (low/med): LOW

Matrix (soil/water): WATER

% Solids for Duplicate: 0.0

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		64.1		65.9		3		MS
Chromium		49.7		50.8		2		MS
Copper		47.0		48.3		3		MS
Zinc		102.0		102.0		0		MS

Comments:

Dissolved Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

FW26B-030209L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	12.100		10.300		15		MS
Chromium	4.000	U	4.000	U			MS
Copper	1.500	U	1.500	U			MS
Zinc	20.000	U	20.000	U			MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc. SAS No.: SDG NO.: J0901057

Lab Code: CAS-JAX Project No.: OM045009-091

ICP ID Number: ICP-MS Date: 3/3/2008

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Isotope	Back-ground	MRL (ug/L)	MDL (ug/L)	M
Arsenic	75		0.500	0.200	MS
Chromium	52		2.000	0.800	MS
Copper	65		2.000	0.300	MS
Zinc	66		10.00	4.00	MS

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-12-
ICP LINEAR RANGES (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG NO.: J0901057

ICP ID Number: ICP-MS Date: 3/1/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	2000	MS
Chromium	15.00	2000	MS
Copper	15.00	2000	MS
Zinc	15.00	4000	MS

Comments:

Dissolved Metals

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PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: _____ SDG NO.: J0901057

Method: MS Prep Method: METHOD

Sample ID	Preparation Date	Initial Volume	Final Volume (mL)
FW26B-030209	3/11/2009	25.0	25.0
FW26B-030209S	3/11/2009	25.0	25.0
FW26B-030209SD	3/11/2009	25.0	25.0
FW26C-030209	3/11/2009	25.0	25.0
FW99A-030309	3/11/2009	25.0	25.0
FW25B-030309	3/11/2009	25.0	25.0
FW25C-030309	3/11/2009	25.0	25.0
FB01-030309	3/11/2009	25.0	25.0
Lab Control Sample	3/11/2009	25.0	25.0
Method Blank	3/11/2009	25.0	25.0

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0901057

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/23/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
cal blank 1	1.00	19:11				X					X		X													X	
cal std 1 25 ppb	1.00	19:16				X					X		X													X	
cal std 2 50ppb	1.00	19:20				X					X		X													X	
cal std 3 100ppb	1.00	19:25				X					X		X													X	
ICV	1.00	19:29				X					X		X													X	
ICB	1.00	19:33				X					X		X													X	
MRL	1.00	19:39				X					X		X													X	
ICSA	1.00	19:43				X					X		X													X	
ICSAB	1.00	19:48				X					X		X													X	
CCV1	1.00	20:01				X					X		X													X	
CCB1	1.00	20:05				X					X		X													X	
CCV2	1.00	20:53				X					X		X													X	
CCB2	1.00	20:58				X					X		X													X	
CCV3	1.00	21:28				X					X		X													X	
CCB3	1.00	21:33				X					X		X													X	
CCV4	1.00	22:03				X					X		X													X	
CCB4	1.00	22:07				X					X		X													X	
CCV5	1.00	22:51				X					X		X													X	
CCB5	1.00	22:56				X					X		X													X	
Method Blank	1.00	23:09				X					X		X													X	
Lab Control Sample	1.00	23:13				X					X		X													X	
CCV6	1.00	23:53				X					X		X													X	
CCB6	1.00	23:57				X					X		X													X	
CCV7	1.00	00:23				X					X		X													X	
CCB7	1.00	00:28				X					X		X													X	
FW26B-030209	1.00	00:32				X					X		X													X	
FW26B-030209S	1.00	00:36				X					X		X													X	
FW26B-030209SD	1.00	00:41				X					X		X													X	
FW26C-030209	1.00	00:45				X					X		X													X	
FW99A-030309	1.00	00:49				X					X		X													X	
FW25B-030309	1.00	00:54				X					X		X													X	
FW25C-030309	1.00	00:58				X					X		X													X	
FB01-030309	1.00	01:03				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0901057

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/23/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV8	1.00	01:11				X					X		X												X	
CCB8	1.00	01:16				X					X		X												X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045009-091 SAS No.: SDG No.: J0901057

Instrument ID Number: ICP-MS Method: MS

Start Date: 3/24/2009 End Date: 3/24/2009

Sample ID.	D/F	Time	% R	Analytes																												
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
blank	1.00	13:10				X					X		X													X	
cal blank	1.00	13:14				X					X		X													X	
cal std 1 25 ppb	1.00	13:19				X					X		X													X	
cal std 2 50ppb	1.00	13:23				X					X		X													X	
cal std 3 100ppb	1.00	13:27				X					X		X													X	
ICV	1.00	13:31				X					X		X													X	
ICB	1.00	13:35				X					X		X													X	
MRL	1.00	13:40				X					X		X													X	
ICSA	1.00	13:44				X					X		X													X	
ICSAB	1.00	13:48				X					X		X													X	
CCV1	1.00	14:01				X					X		X													X	
CCB1	1.00	14:05				X					X		X													X	
BLANK	1.00	14:13				X					X		X													X	
FW26B-030209L	5.00	14:22				X					X		X													X	
FW26B-030209A	1.00	14:26				X					X		X													X	
CCV2	1.00	14:38				X					X		X													X	
CCB2	1.00	14:43				X					X		X													X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Inorganic Analysis:
General Chemistry and Physical Parameters

Summary Package

Sample and QC Results

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Beazer East, Inc.
Project Name : Gainesville,FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0901057
Date Collected : 03/02,03/09
Date Received : 03/04/09

Bromide

Units : mg/L (ppm)
Basis : NA

Analysis Method : 300.0
Test Notes :

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
FW26B-030209	J0901057-001	0.8	0.086	2	03/21/09 00:59	11	
FW26C-030209	J0901057-002	0.4	0.043	1	03/21/09 00:59	0.72	
FW99A-030309	J0901057-003	0.4	0.043	1	03/21/09 00:59	2.2	
FW25B-030309	J0901057-004	0.4	0.043	1	03/21/09 00:59	2.2	
FW25C-030309	J0901057-005	0.4	0.043	1	03/21/09 00:59	0.36	J
FB01-030309	J0901057-006	0.4	0.043	1	03/21/09 00:59	U	
Method Blank	J0901057-MB	0.4	0.043	1	03/21/09 00:59	U	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville,FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0901057
Date Collected : 03/03/09
Date Received : 03/04/09
Date Extracted : NA
Date Analyzed : 03/21/09

Duplicate Summary
Inorganic Parameters

Sample Name : FW99A-030309
Lab Code : J0901057-003DUP
Test Notes :

Units : mg/L (ppm)
Basis : NA

Aualyte	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	300.0	0.4	2.2	2.2	2.2	<1	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville,FL
Project Number : OM045009-091
Sample Matrix : WATER

Service Request : J0901057
Date Collected : 03/03/09
Date Received : 03/04/09
Date Extracted : NA
Date Analyzed : 03/21/09

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW99A-030309
Lab Code : J0901057-003MS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	300.0	0.4	5.00	2.2	7.14	99	90-110	

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Beazer East, Inc.	**Service Request :**	J0901057
Project Name :	Gainesville,FL	**Date Collected :**	NA
Project Number :	OM045009-091	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/21/09

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	J0901057-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	None	300.0	5.00	4.87	97	90-110	

Report By:Patimi