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/OM045008-091

Service Request: J0803200

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

Sample Name	Lab Code	Date Collected	Date Received
Trip Blank-070108	J0803200-001	07/01/2008	07/01/2008
FB07-070108	J0803200-003	07/01/2008	07/01/2008
EB08-070108	J0803200-004	07/01/2008	07/01/2008
FW12B-02-070108	J0803200-005	07/01/2008	07/01/2008
FW12B-01-070108	J0803200-006	07/01/2008	07/01/2008
FW12B-04-070108	J0803200-007	07/01/2008	07/01/2008
FW12B-03-070108	J0803200-008	07/01/2008	07/01/2008
FW99H-070108	J0803200-009	07/01/2008	07/01/2008
FW99H-070108MS	JWG0802493-1	07/01/2008	07/01/2008
FW99H-070108DMS	JWG0802493-2	07/01/2008	07/01/2008

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: 7-9-08

Title: ANALYST

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank-070108
Lab Code: J0803200-001

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	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	ND	U	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	97	75-120	07/09/08	Acceptable
Toluene-d8	102	88-117	07/09/08	Acceptable
Dibromofluoromethane	100	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name: FB07-070108
Lab Code: J0803200-003

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	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	**1.0**	I	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	**0.70**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	96	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	101	75-120	07/09/08	Acceptable
Toluene-d8	98	88-117	07/09/08	Acceptable
Dibromofluoromethane	103	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name:	EB08-070108	**Units:**	ug/L
Lab Code:	J0803200-004	**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	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	ND	U	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	95	75-120	07/09/08	Acceptable
Toluene-d8	101	88-117	07/09/08	Acceptable
Dibromofluoromethane	96	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name: FW12B-02-070108
Lab Code: J0803200-005

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	**0.99**	I	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	**0.31**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	ND	U	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	88	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	100	75-120	07/09/08	Acceptable
Toluene-d8	102	88-117	07/09/08	Acceptable
Dibromofluoromethane	96	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name: FW12B-01-070108
Lab Code: J0803200-006

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	**1.3**		1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Toluene	**1.8**		1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	**0.76**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	**1.3**	I	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	**0.78**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	90	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	95	75-120	07/09/08	Acceptable
Toluene-d8	102	88-117	07/09/08	Acceptable
Dibromofluoromethane	95	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-04-070108	**Units:**	ug/L
Lab Code:	J0803200-007	**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	**2.0**		1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	**0.32**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	**2.7**		2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	**0.90**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	96	75-120	07/09/08	Acceptable
Toluene-d8	103	88-117	07/09/08	Acceptable
Dibromofluoromethane	98	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name: FW12B-03-070108
Lab Code: J0803200-008

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	**2.7**		1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	**0.36**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	**2.9**		2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	**1.2**		1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	95	75-120	07/09/08	Acceptable
Toluene-d8	100	88-117	07/09/08	Acceptable
Dibromofluoromethane	99	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Volatile Organic Compounds by GC/MS

Sample Name:	FW99H-070108	**Units:**	ug/L
Lab Code:	J0803200-009	**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	**5.0**		1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	**0.64**	I	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	**5.9**		2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	**1.8**		1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	99	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	96	75-120	07/09/08	Acceptable
Toluene-d8	98	88-117	07/09/08	Acceptable
Dibromofluoromethane	105	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0802493-4

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	07/09/08	07/09/08	JWG0802493	
Toluene	ND	U	1.0	0.52	1	07/09/08	07/09/08	JWG0802493	
Ethylbenzene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	
m,p-Xylenes	ND	U	2.0	0.22	1	07/09/08	07/09/08	JWG0802493	
o-Xylene	ND	U	1.0	0.10	1	07/09/08	07/09/08	JWG0802493	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	93	71-122	07/09/08	Acceptable
4-Bromofluorobenzene	97	75-120	07/09/08	Acceptable
Toluene-d8	100	88-117	07/09/08	Acceptable
Dibromofluoromethane	97	82-116	07/09/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200

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
Trip Blank-070108	J0803200-001	95	97	102	100
FB07-070108	J0803200-003	96	101	98	103
EB08-070108	J0803200-004	93	95	101	96
FW12B-02-070108	J0803200-005	88	100	102	96
FW12B-01-070108	J0803200-006	90	95	102	95
FW12B-04-070108	J0803200-007	93	96	103	98
FW12B-03-070108	J0803200-008	93	95	100	99
FW99H-070108	J0803200-009	99	96	98	105
Method Blank	JWG0802493-4	93	97	100	97
FW99H-070108MS	JWG0802493-1	93	96	99	100
FW99H-070108DMS	JWG0802493-2	94	97	98	100
Lab Control Sample	JWG0802493-3	93	99	97	92

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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/09/2008
Time Analyzed: 06:33

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS538G09.B\0
Instrument ID: MS53.i
Analysis Method: 8260B

Lab Code: JWG0802494-2
Analysis Lot: JWG0802494
Column : DB-VRX

		1,4-Dichlorobenzene-d4		Chlorobenzene-d5		Fluorobenzene	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	136,876	11.27	152,928	8.87	384,579	5.52
	Upper Limit ==>	273,752	11.77	305,856	9.37	769,158	6.02
	Lower Limit ==>	68,438	10.77	76,464	8.37	192,290	5.02
	ICAL Result ==>	126,776	11.27	153,034	8.87	419,715	5.52
Associated Analyses							
Lab Control Sample	JWG0802493-3	136,615	11.26	160,077	8.87	390,430	5.51
Method Blank	JWG0802493-4	136,474	11.26	156,918	8.87	360,510	5.51
Trip Blank-070108	J0803200-001	135,038	11.26	159,067	8.87	355,699	5.51
FB07-070108	J0803200-003	136,237	11.26	166,948	8.87	347,306	5.51
EB08-070108	J0803200-004	139,818	11.26	163,529	8.87	359,185	5.51
FW12B-02-070108	J0803200-005	133,385	11.26	160,002	8.87	369,034	5.51
FW12B-01-070108	J0803200-006	140,258	11.26	156,351	8.87	376,325	5.51
FW12B-04-070108	J0803200-007	145,239	11.26	155,806	8.87	357,311	5.51
FW12B-03-070108	J0803200-008	136,613	11.26	150,753	8.87	352,280	5.52
FW99H-070108	J0803200-009	145,146	11.26	167,429	8.87	342,215	5.51
FW99H-070108MS	JWG0802493-1	136,599	11.26	151,662	8.87	366,374	5.51
FW99H-070108DMS	JWG0802493-2	135,320	11.26	147,845	8.87	360,574	5.51

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/09/2008
Sample Matrix:	Water	**Date Analyzed:**	07/09/2008

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

Sample Name:	FW99H-070108	**Units:**	ug/L
Lab Code:	J0803200-009	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0802493

Analyte Name	Sample Result	FW99H-070108MS JWG0802493-1 Matrix Spike			FW99H-070108DMS JWG0802493-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Benzene	5.0	26.4	20.0	107	28.0	20.0	115	78-123	6	30
Toluene	ND	20.7	20.0	103	22.4	20.0	112	86-119	8	30
Ethylbenzene	0.64	22.1	20.0	107	24.5	20.0	119	87-122	10	30
m,p-Xylenes	5.9	50.7	40.0	112	56.3	40.0	126 *	82-120	11	30
o-Xylene	1.8	24.5	20.0	113	27.4	20.0	128 *	85-119	11	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/09/2008
Sample Matrix:	Water	**Date Analyzed:**	07/09/2008

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:	JWG0802493

	Lab Control Sample JWG0802493-3 Lab Control Spike			
Analyte Name	**Result**	**Expected**	**%Rec**	**%Rec Limits**
Benzene	18.1	20.0	90	79-119
Toluene	17.2	20.0	86	86-117
Ethylbenzene	19.6	20.0	98	90-118
m,p-Xylenes	40.0	40.0	100	86-121
o-Xylene	20.1	20.0	100	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/09/2008
Sample Matrix:	Water	**Date Analyzed:**	07/09/2008
		Time Analyzed:	07:58

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**File ID:**	J:\MS53\DATA\MS538G09.B\0709-05.D
Lab Code:	JWG0802493-4	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0802493

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
FW12B-04-070108	J0803200-007	J:\MS53\DATA\MS538G09.B\0709-11.D	07/09/08	10:49
FW12B-03-070108	J0803200-008	J:\MS53\DATA\MS538G09.B\0709-12.D	07/09/08	11:17
FW99H-070108	J0803200-009	J:\MS53\DATA\MS538G09.B\0709-13.D	07/09/08	11:46
FW99H-070108MS	JWG0802493-1	J:\MS53\DATA\MS538G09.B\0709-19.D	07/09/08	14:37
FW99H-070108DMS	JWG0802493-2	J:\MS53\DATA\MS538G09.B\0709-20.D	07/09/08	15:05
Lab Control Sample	JWG0802493-3	J:\MS53\DATA\MS538G09.B\0709-03.D	07/09/08	07:01
Trip Blank-070108	J0803200-001	J:\MS53\DATA\MS538G09.B\0709-06.D	07/09/08	08:26
FB07-070108	J0803200-003	J:\MS53\DATA\MS538G09.B\0709-07.D	07/09/08	08:55
EB08-070108	J0803200-004	J:\MS53\DATA\MS538G09.B\0709-08.D	07/09/08	09:23
FW12B-02-070108	J0803200-005	J:\MS53\DATA\MS538G09.B\0709-09.D	07/09/08	09:52
FW12B-01-070108	J0803200-006	J:\MS53\DATA\MS538G09.B\0709-10.D	07/09/08	10:20

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/09/2008
Sample Matrix:	Water	**Date Analyzed:**	07/09/2008
		Time Analyzed:	07:01

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**File ID:**	J:\MS53\DATA\MS538G09.B\0709-03.D
Lab Code:	JWG0802493-3	**Instrument ID:**	MS53.i
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B	**Extraction Lot:**	JWG0802493

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0802493-4	J:\MS53\DATA\MS538G09.B\0709-05.D	07/09/08	07:58
Trip Blank-070108	J0803200-001	J:\MS53\DATA\MS538G09.B\0709-06.D	07/09/08	08:26
FB07-070108	J0803200-003	J:\MS53\DATA\MS538G09.B\0709-07.D	07/09/08	08:55
EB08-070108	J0803200-004	J:\MS53\DATA\MS538G09.B\0709-08.D	07/09/08	09:23
FW12B-02-070108	J0803200-005	J:\MS53\DATA\MS538G09.B\0709-09.D	07/09/08	09:52
FW12B-01-070108	J0803200-006	J:\MS53\DATA\MS538G09.B\0709-10.D	07/09/08	10:20
FW12B-04-070108	J0803200-007	J:\MS53\DATA\MS538G09.B\0709-11.D	07/09/08	10:49
FW12B-03-070108	J0803200-008	J:\MS53\DATA\MS538G09.B\0709-12.D	07/09/08	11:17
FW99H-070108	J0803200-009	J:\MS53\DATA\MS538G09.B\0709-13.D	07/09/08	11:46
FW99H-070108MS	JWG0802493-1	J:\MS53\DATA\MS538G09.B\0709-19.D	07/09/08	14:37
FW99H-070108DMS	JWG0802493-2	J:\MS53\DATA\MS538G09.B\0709-20.D	07/09/08	15:05

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/09/2008
Time Analyzed: 06:16

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS538G09.B\0709-01.D
Instrument ID: MS52.i
Column:

Analysis Method: 8260B
Analysis Lot: JWG0802494

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	20.9	2890	PASS
75	95	30	60	37.3	5165	PASS
95	95	100	100	100.0	13844	PASS
96	95	5	9	6.3	879	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	84.0	11626	PASS
175	174	5	9	7.3	844	PASS
176	174	95	101	96.0	11157	PASS
177	176	5	9	6.8	755	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0802494-2	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	06:33	
Lab Control Sample	JWG0802493-3	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	07:01	
Method Blank	JWG0802493-4	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	07:58	
Trip Blank-070108	J0803200-001	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	08:26	
FB07-070108	J0803200-003	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	08:55	
EB08-070108	J0803200-004	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	09:23	
FW12B-02-070108	J0803200-005	J:\MS53\DATA\MS538G09.B\0709-0	07/09/2008	09:52	
FW12B-01-070108	J0803200-006	J:\MS53\DATA\MS538G09.B\0709-1	07/09/2008	10:20	
FW12B-04-070108	J0803200-007	J:\MS53\DATA\MS538G09.B\0709-1	07/09/2008	10:49	
FW12B-03-070108	J0803200-008	J:\MS53\DATA\MS538G09.B\0709-1	07/09/2008	11:17	
FW99H-070108	J0803200-009	J:\MS53\DATA\MS538G09.B\0709-1	07/09/2008	11:46	
FW99H-070108MS	JWG0802493-1	J:\MS53\DATA\MS538G09.B\0709-1	07/09/2008	14:37	
FW99H-070108DMS	JWG0802493-2	J:\MS53\DATA\MS538G09.B\0709-2	07/09/2008	15:05	

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/OM045008-091

Service Request: J0803200
ICAL Date: 06/26/2008

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1500
Instrument ID: MS53.i

Column: DB-VRX

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062	E	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062
B	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062	F	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062
C	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062	G	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062
D	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062	H	\\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\062

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	1.04	B	2.0	0.991	C	5.0	0.958	D	20	0.956	E	50	0.959
	F	100	0.952	G	150	1.03	H	200	0.986						
‡ Toluene	A	1.0	2.73	B	2.0	2.91	C	5.0	2.60	D	20	2.61	E	50	2.56
	F	100	2.64	G	150	2.59	H	200	2.52						
‡ Ethylbenzene	A	1.0	3.23	B	2.0	3.31	C	5.0	2.95	D	20	3.07	E	50	2.87
	F	100	2.84	G	150	2.81	H	200	2.68						
m,p-Xylenes	A	2.0	1.17	B	4.0	1.26	C	10	1.14	D	40	1.15	E	100	1.08
	F	200	1.04	G	300	1.03	H	400	0.947						
o-Xylene	A	1.0	2.29	B	2.0	2.41	C	5.0	2.27	D	20	2.23	E	50	2.17
	F	100	2.14	G	150	2.14	H	200	2.01						
1,2-Dichloroethane-d4				B	5.0	0.140	C	10	0.139	D	20	0.137	E	50	0.147
	F	100	0.150	G	150	0.156	H	200	0.159						
4-Bromofluorobenzene				B	5.0	0.988	C	10	0.969	D	20	0.966	E	50	0.975
	F	100	1.02	G	150	1.00	H	200	1.02						
Toluene-d8				B	5.0	1.97	C	10	1.94	D	20	1.95	E	50	2.01
	F	100	1.95	G	150	2.15	H	200	2.04						
Dibromofluoromethane				B	5.0	0.189	C	10	0.185	D	20	0.196	E	50	0.210
	F	100	0.208	G	150	0.222	H	200	0.221						
† Chlorobenzene	A	1.0	1.79	B	2.0	1.83	C	5.0	1.68	D	20	1.62	E	50	1.57
	F	100	1.54	G	150	1.63	H	200	1.50						
‡ Chloroform	A	1.0	0.322	B	2.0	0.350	C	5.0	0.337	D	20	0.328	E	50	0.341
	F	100	0.347	G	150	0.377	H	200	0.372						
† Chloromethane	A	1.0	0.584	B	2.0	0.571	C	5.0	0.513	D	20	0.502	E	50	0.499
	F	100	0.506	G	150	0.507	H	200	0.538						
‡ Vinyl Chloride	A	1.0	0.389	B	2.0	0.409	C	5.0	0.352	D	20	0.367	E	50	0.362
	F	100	0.355	G	150	0.359	H	200	0.350						
† Bromoform	A	1.0	0.217	B	2.0	0.256	C	5.0	0.269	D	20	0.300	E	50	0.313
	F	100	0.336	G	150	0.336	H	200	0.343						

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

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 06/26/2008

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1500
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	0.443	B	2.0	0.469	C	5.0	0.442	D	20	0.477	E	50	0.474
	F	100	0.481	G	150	0.488	H	200	0.494						
‡ 1,1-Dichloroethene	A	1.0	0.298	B	2.0	0.324	C	5.0	0.298	D	20	0.301	E	50	0.313
	F	100	0.313	G	150	0.322	H	200	0.319						
‡ 1,2-Dichloropropane	A	1.0	0.247	B	2.0	0.266	C	5.0	0.265	D	20	0.258	E	50	0.264
	F	100	0.260	G	150	0.285	H	200	0.274						
† 1,1,2,2-Tetrachloroethane	A	1.0	0.503	B	2.0	0.579	C	5.0	0.548	D	20	0.542	E	50	0.562
	F	100	0.545	G	150	0.572	H	200	0.558						

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 06/26/2008

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

ICAL ID: CAL1500
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	3.5		≤ 15	0.984		0.01
‡ Toluene	MS	AverageRF	% RSD	4.6		≤ 15	2.65		0.01
‡ Ethylbenzene	MS	AverageRF	% RSD	7.3		≤ 15	2.97		0.01
m,p-Xylenes	MS	AverageRF	% RSD	9.0		≤ 15	1.10		0.01
o-Xylene	MS	AverageRF	% RSD	5.5		≤ 15	2.21		0.01
1,2-Dichloroethane-d4	SURR	AverageRF	% RSD	5.8		≤ 15	0.147		
4-Bromofluorobenzene	SURR	AverageRF	% RSD	2.2		≤ 15	0.991		
Toluene-d8	SURR	AverageRF	% RSD	3.8		≤ 15	2.00		
Dibromofluoromethane	SURR	AverageRF	% RSD	7.2		≤ 15	0.204		
† Chlorobenzene	MS	AverageRF	% RSD	6.9		≤ 15	1.65		0.3
‡ Chloroform	MS	AverageRF	% RSD	5.6		≤ 15	0.347		0.01
† Chloromethane	MS	AverageRF	% RSD	6.3		≤ 15	0.528		0.1
‡ Vinyl Chloride	MS	AverageRF	% RSD	5.6		≤ 15	0.368		0.01
† Bromoform	MS	AverageRF	% RSD	15.2	*	≤ 15	0.296		0.1
† 1,1-Dichloroethane	MS	AverageRF	% RSD	4.1		≤ 15	0.471		0.1
‡ 1,1-Dichloroethene	MS	AverageRF	% RSD	3.5		≤ 15	0.311		0.01
‡ 1,2-Dichloropropane	MS	AverageRF	% RSD	4.2		≤ 15	0.265		0.01
† 1,1,2,2-Tetrachloroethane	MS	AverageRF	% RSD	4.3		≤ 15	0.551		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/OM045008-091

Service Request: J0803200
ICAL Date: 06/26/2008
Date Analyzed: 06/26/2008

Second Source Calibration Verification
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL ID: CAL1500
Units: ug/L

File ID: \\Jacksonville1\ACQUDATA\MS53\DATA\MS538F26.B\0626-12.D

Column ID: DB-VRX

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50	45	0.984	0.894	-9	NA	± 30 %	AverageRF
‡ Toluene	50	48	2.65	2.52	-5	NA	± 30 %	AverageRF
‡ Ethylbenzene	50	48	2.97	2.87	-3	NA	± 30 %	AverageRF
m,p-Xylenes	100	96	1.10	1.06	-4	NA	± 30 %	AverageRF
o-Xylene	50	47	2.21	2.09	-5	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	54	0.551	0.593	8	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	47	0.471	0.446	-5	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	51	0.311	0.315	1	NA	± 30 %	AverageRF
‡ 1,2-Dichloropropane	50	51	0.265	0.271	2	NA	± 30 %	AverageRF
† Bromoform	50	53	0.296	0.315	6	NA	± 30 %	AverageRF
† Chlorobenzene	50	46	1.65	1.53	-7	NA	± 30 %	AverageRF
‡ Chloroform	50	50	0.347	0.349	1	NA	± 30 %	AverageRF
† Chloromethane	50	46	0.528	0.485	-8	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	51	0.368	0.372	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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/09/2008

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS

ICAL Type: Internal Standard
Analysis Method: 8260B

ICAL Date: 06/26/2008
ICAL ID: CAL1500
Analysis Lot: JWG0802494
Units: ug/L

File ID: \\JACKSONVILLE1\ACQUDATA\MS53\DATA\MS538G09.B\0709-02.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	0.984	1.02	4	NA	± 30 %	AverageRF
‡ Toluene	50	49	0.01	2.65	2.58	-2	NA	± 20 %	AverageRF
‡ Ethylbenzene	50	53	0.01	2.97	3.15	6	NA	± 20 %	AverageRF
m,p-Xylenes	100	110	0.01	1.10	1.20	9	NA	± 30 %	AverageRF
o-Xylene	50	55	0.01	2.21	2.42	10	NA	± 30 %	AverageRF
1,2-Dichloroethane-d4	50	45		0.147	0.131	-11	NA	± 30 %	AverageRF
4-Bromofluorobenzene	50	48		0.991	0.945	-5	NA	± 30 %	AverageRF
Toluene-d8	50	50		2.00	1.99	0	NA	± 30 %	AverageRF
Dibromofluoromethane	50	51		0.204	0.208	2	NA	± 30 %	AverageRF
† 1,1,2,2-Tetrachloroethane	50	52	0.3	0.551	0.571	4	NA	± 30 %	AverageRF
† Chlorobenzene	50	51	0.3	1.65	1.67	1	NA	± 30 %	AverageRF
‡ Chloroform	50	52	0.01	0.347	0.362	4	NA	± 20 %	AverageRF
† Chloromethane	50	55	0.1	0.528	0.581	10	NA	± 30 %	AverageRF
‡ Vinyl Chloride	50	54	0.01	0.368	0.395	7	NA	± 20 %	AverageRF
† Bromoform	50	53	0.1	0.296	0.314	6	NA	± 30 %	AverageRF
† 1,1-Dichloroethane	50	58	0.1	0.471	0.548	16	NA	± 30 %	AverageRF
‡ 1,1-Dichloroethene	50	56	0.01	0.311	0.348	12	NA	± 20 %	AverageRF
‡ 1,2-Dichloropropane	50	53	0.01	0.265	0.279	5	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/OM045008-091

Service Request: J0803200

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analysis Lot: JWG0802494
Instrument ID: MS53.i
Column: DB-VRX

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
\0709-01.D	GC/MS Tuning - Bromofluorobenzene	JWG0802494-1	7/9/2008	06:16		7/9/2008	06:16
\0709-02.D	Continuing Calibration Verification	JWG0802494-2	7/9/2008	06:33		7/9/2008	06:33
\0709-03.D	Lab Control Sample	JWG0802493-3	7/9/2008	07:01		7/9/2008	07:01
\0709-05.D	Method Blank	JWG0802493-4	7/9/2008	07:58		7/9/2008	07:58
\0709-06.D	Trip Blank-070108	J0803200-001	7/9/2008	08:26		7/9/2008	08:26
\0709-07.D	FB07-070108	J0803200-003	7/9/2008	08:55		7/9/2008	08:55
\0709-08.D	EB08-070108	J0803200-004	7/9/2008	09:23		7/9/2008	09:23
\0709-09.D	FW12B-02-070108	J0803200-005	7/9/2008	09:52		7/9/2008	09:52
\0709-10.D	FW12B-01-070108	J0803200-006	7/9/2008	10:20		7/9/2008	10:20
\0709-11.D	FW12B-04-070108	J0803200-007	7/9/2008	10:49		7/9/2008	10:49
\0709-12.D	FW12B-03-070108	J0803200-008	7/9/2008	11:17		7/9/2008	11:17
\0709-13.D	FW99H-070108	J0803200-009	7/9/2008	11:46		7/9/2008	11:46
\0709-14.D	ZZZZZZ	ZZZZZZ	7/9/2008	12:14		7/9/2008	12:14
\0709-15.D	ZZZZZZ	ZZZZZZ	7/9/2008	12:43		7/9/2008	12:43
\0709-16.D	ZZZZZZ	ZZZZZZ	7/9/2008	13:11		7/9/2008	13:11
\0709-17.D	ZZZZZZ	ZZZZZZ	7/9/2008	13:40		7/9/2008	13:40
\0709-18.D	ZZZZZZ	ZZZZZZ	7/9/2008	14:08		7/9/2008	14:08
\0709-19.D	FW99H-070108MS	JWG0802493-1	7/9/2008	14:37		7/9/2008	14:37
\0709-20.D	FW99H-070108DMS	JWG0802493-2	7/9/2008	15:05		7/9/2008	15:05

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.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Extracted: 07/09/2008

Extraction Prep Log
Volatile Organic Compounds by GC/MS

Extraction Method: EPA 5030B
Analysis Method: 8260B

Extraction Lot: JWG0802493
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
Trip Blank-070108	J0803200-001	07/01/08	07/01/08	10ml	10ml	NA	
FB07-070108	J0803200-003	07/01/08	07/01/08	10ml	10ml	NA	
EB08-070108	J0803200-004	07/01/08	07/01/08	10ml	10ml	NA	
FW12B-02-070108	J0803200-005	07/01/08	07/01/08	10ml	10ml	NA	
FW12B-01-070108	J0803200-006	07/01/08	07/01/08	10ml	10ml	NA	
FW12B-04-070108	J0803200-007	07/01/08	07/01/08	10ml	10ml	NA	
FW12B-03-070108	J0803200-008	07/01/08	07/01/08	10ml	10ml	NA	
FW99H-070108	J0803200-009	07/01/08	07/01/08	10ml	10ml	NA	
Method Blank	JWG0802493-4	NA	NA	10ml	10ml	NA	
FW99H-070108MS	JWG0802493-1	07/01/08	07/01/08	10ml	10ml	NA	
FW99H-070108DMS	JWG0802493-2	07/01/08	07/01/08	10ml	10ml	NA	
Lab Control Sample	JWG0802493-3	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/OM045008-091

Service Request: J0803200

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

Sample Name	Lab Code	Date Collected	Date Received
FB07-070108	J0803200-003	07/01/2008	07/01/2008
EB08-070108	J0803200-004	07/01/2008	07/01/2008
FW12B-02-070108	J0803200-005	07/01/2008	07/01/2008
FW12B-01-070108	J0803200-006	07/01/2008	07/01/2008
FW12B-04-070108	J0803200-007	07/01/2008	07/01/2008
FW12B-03-070108	J0803200-008	07/01/2008	07/01/2008
FW99H-070108	J0803200-009	07/01/2008	07/01/2008

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: Christopher Pawlicki

Date: 7/23/08 Title: Semi-volatile Supervisor

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FB07-070108	**Units:**	ug/L
Lab Code:	J0803200-003	**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	6.4	0.54	1	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	ND	U	6.4	0.82	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	6.4	0.98	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	ND	U	6.4	1.0	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	ND	U	6.4	1.0	1	07/07/08	07/22/08	JWG0802454	
2-Methylnaphthalene	ND	U	6.4	0.94	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	6.4	0.74	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	ND	U	6.4	1.3	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	ND	U	6.4	1.0	1	07/07/08	07/22/08	JWG0802454	
Fluorene	ND	U	6.4	1.2	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	26	0.85	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	ND	U	6.4	0.89	1	07/07/08	07/22/08	JWG0802454	
Anthracene	ND	U	6.4	0.90	1	07/07/08	07/22/08	JWG0802454	
Carbazole	ND	U	6.4	0.94	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	6.4	0.84	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	6.4	1.1	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	6.4	1.1	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	6.4	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	6.4	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	6.4	0.69	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	6.4	0.80	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	6.4	0.70	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	6.4	0.79	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	6.4	1.2	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FB07-070108
Lab Code: J0803200-003

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	07/22/08	Acceptable
Phenol-d6	20	10-51	07/22/08	Acceptable
Nitrobenzene-d5	55	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	58	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	56	30-143	07/22/08	Acceptable
Terphenyl-d14	73	23-165	07/22/08	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	EB08-070108	**Units:**	ug/L
Lab Code:	J0803200-004	**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	5.6	0.47	1	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	ND	U	5.6	0.72	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	5.6	0.86	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	ND	U	5.6	0.88	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	ND	U	5.6	0.88	1	07/07/08	07/22/08	JWG0802454	
2-Methylnaphthalene	ND	U	5.6	0.83	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	5.6	0.65	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	ND	U	5.6	1.1	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	ND	U	5.6	0.88	1	07/07/08	07/22/08	JWG0802454	
Fluorene	ND	U	5.6	0.98	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	23	0.75	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	ND	U	5.6	0.78	1	07/07/08	07/22/08	JWG0802454	
Anthracene	ND	U	5.6	0.79	1	07/07/08	07/22/08	JWG0802454	
Carbazole	ND	U	5.6	0.83	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	5.6	0.74	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	5.6	0.94	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	5.6	0.96	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	5.6	0.97	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	5.6	0.97	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	5.6	0.60	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	5.6	0.70	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	5.6	0.62	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	5.6	0.69	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	5.6	1.1	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: EB08-070108
Lab Code: J0803200-004

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	28	10-77	07/22/08	Acceptable
Phenol-d6	21	10-51	07/22/08	Acceptable
Nitrobenzene-d5	58	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	65	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	43	30-143	07/22/08	Acceptable
Terphenyl-d14	70	23-165	07/22/08	Acceptable

† **Analyte Comments**

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-02-070108
Lab Code: J0803200-005

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8270C

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	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	**10**		6.2	0.80	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	6.2	0.96	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	ND	U	6.2	0.98	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	**4.5**	I	6.2	0.98	1	07/07/08	07/22/08	JWG0802454	
2-Methylnaphthalene	ND	U	6.2	0.92	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	6.2	0.72	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	ND	U	6.2	1.3	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	ND	U	6.2	0.98	1	07/07/08	07/22/08	JWG0802454	
Fluorene	ND	U	6.2	1.1	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	25	0.83	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	**0.97**	I	6.2	0.87	1	07/07/08	07/22/08	JWG0802454	
Anthracene	ND	U	6.2	0.88	1	07/07/08	07/22/08	JWG0802454	
Carbazole	ND	U	6.2	0.92	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	6.2	0.82	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	6.2	1.1	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	6.2	1.1	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	6.2	1.1	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	6.2	1.1	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	6.2	0.67	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	6.2	0.78	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	6.2	0.68	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	6.2	0.77	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	6.2	1.2	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-02-070108
Lab Code: J0803200-005

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	22	10-77	07/22/08	Acceptable
Phenol-d6	16	10-51	07/22/08	Acceptable
Nitrobenzene-d5	47	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	49	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	39	30-143	07/22/08	Acceptable
Terphenyl-d14	64	23-165	07/22/08	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-01-070108
Lab Code: J0803200-006

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	6.5	0.54	1	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	**18**		6.5	0.83	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	**1.6**	I	6.5	0.99	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	**36**		6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	**48**		6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
2-Methylnaphthalene	ND	U	6.5	0.95	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	6.5	0.75	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	ND	U	6.5	1.3	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	ND	U	6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Fluorene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	26	0.86	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	ND	U	6.5	0.90	1	07/07/08	07/22/08	JWG0802454	
Anthracene	ND	U	6.5	0.92	1	07/07/08	07/22/08	JWG0802454	
Carbazole	ND	U	6.5	0.95	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	6.5	0.85	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	6.5	0.70	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	6.5	0.81	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.71	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	6.5	0.80	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-01-070108
Lab Code: J0803200-006

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	07/22/08	Acceptable
Phenol-d6	20	10-51	07/22/08	Acceptable
Nitrobenzene-d5	53	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	54	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	57	30-143	07/22/08	Acceptable
Terphenyl-d14	67	23-165	07/22/08	Acceptable

† **Analyte Comments**

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-04-070108
Lab Code: J0803200-007

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Phenol	ND	U	6.5	0.54	1	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	ND	U	6.5	0.83	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	6.5	0.99	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	**2.8**	I	6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	**330**		6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
2-Methylnaphthalene	**29**		6.5	0.95	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	6.5	0.75	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	**49**		6.5	1.3	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	**32**		6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Fluorene	**32**		6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	26	0.86	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	ND	U	6.5	0.90	1	07/07/08	07/22/08	JWG0802454	
Anthracene	ND	U	6.5	0.92	1	07/07/08	07/22/08	JWG0802454	
Carbazole	**25**		6.5	0.95	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	6.5	0.85	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	6.5	1.1	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	6.5	0.70	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	6.5	0.81	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	6.5	0.71	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	6.5	0.80	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	6.5	1.2	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-04-070108	**Units:**	ug/L
Lab Code:	J0803200-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	29	10-77	07/22/08	Acceptable
Phenol-d6	20	10-51	07/22/08	Acceptable
Nitrobenzene-d5	55	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	55	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	59	30-143	07/22/08	Acceptable
Terphenyl-d14	68	23-165	07/22/08	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW12B-03-070108
Lab Code: J0803200-008

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8270C

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	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	ND	U	6.7	0.86	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	6.7	1.1	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	ND	U	6.7	1.1	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	**870**		67	11	10	07/07/08	07/23/08	JWG0802454	
2-Methylnaphthalene	**71**		6.7	0.99	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	6.7	0.78	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	**53**		6.7	1.4	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	**23**		6.7	1.1	1	07/07/08	07/22/08	JWG0802454	
Fluorene	**26**		6.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	27	0.90	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	**23**		6.7	0.94	1	07/07/08	07/22/08	JWG0802454	
Anthracene	**2.6**	I	6.7	0.95	1	07/07/08	07/22/08	JWG0802454	
Carbazole	**3.4**	I	6.7	0.99	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	6.7	0.88	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	6.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	6.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	6.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	6.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	6.7	0.72	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	6.7	0.84	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	6.7	0.74	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	6.7	0.83	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	6.7	1.3	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW12B-03-070108	**Units:**	ug/L
Lab Code:	J0803200-008	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	07/22/08	Acceptable
Phenol-d6	22	10-51	07/22/08	Acceptable
Nitrobenzene-d5	67	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	56	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	64	30-143	07/22/08	Acceptable
Terphenyl-d14	65	23-165	07/22/08	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Collected:**	07/01/2008
Sample Matrix:	Water	**Date Received:**	07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	FW99H-070108	**Units:**	ug/L
Lab Code:	J0803200-009	**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	5.7	0.48	1	07/07/08	07/22/08	JWG0802454	
2-Methylphenol	ND	U	5.7	0.73	1	07/07/08	07/22/08	JWG0802454	
4-Methylphenol†	ND	U	5.7	0.88	1	07/07/08	07/22/08	JWG0802454	
2,4-Dimethylphenol	ND	U	5.7	0.90	1	07/07/08	07/22/08	JWG0802454	
Naphthalene	**750**		57	9.0	10	07/07/08	07/23/08	JWG0802454	
2-Methylnaphthalene	**62**		5.7	0.85	1	07/07/08	07/22/08	JWG0802454	
Acenaphthylene	ND	U	5.7	0.66	1	07/07/08	07/22/08	JWG0802454	
Acenaphthene	**45**		5.7	1.2	1	07/07/08	07/22/08	JWG0802454	
Dibenzofuran	**20**		5.7	0.90	1	07/07/08	07/22/08	JWG0802454	
Fluorene	**22**		5.7	1.0	1	07/07/08	07/22/08	JWG0802454	
Pentachlorophenol	ND	U	23	0.77	1	07/07/08	07/22/08	JWG0802454	
Phenanthrene	**21**		5.7	0.80	1	07/07/08	07/22/08	JWG0802454	
Anthracene	**2.5**	I	5.7	0.81	1	07/07/08	07/22/08	JWG0802454	
Carbazole	**3.8**	I	5.7	0.85	1	07/07/08	07/22/08	JWG0802454	
Fluoranthene	ND	U	5.7	0.75	1	07/07/08	07/22/08	JWG0802454	
Pyrene	ND	U	5.7	0.96	1	07/07/08	07/22/08	JWG0802454	
Benz(a)anthracene	ND	U	5.7	0.98	1	07/07/08	07/22/08	JWG0802454	
Chrysene	ND	U	5.7	0.99	1	07/07/08	07/22/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	5.7	0.99	1	07/07/08	07/22/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	5.7	0.62	1	07/07/08	07/22/08	JWG0802454	
Benzo(a)pyrene	ND	U	5.7	0.72	1	07/07/08	07/22/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	5.7	0.63	1	07/07/08	07/22/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	5.7	0.71	1	07/07/08	07/22/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	5.7	1.1	1	07/07/08	07/22/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: 07/01/2008
Date Received: 07/01/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: FW99H-070108
Lab Code: J0803200-009

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	10-77	07/22/08	Acceptable
Phenol-d6	22	10-51	07/22/08	Acceptable
Nitrobenzene-d5	65	32-106	07/22/08	Acceptable
2-Fluorobiphenyl	54	30-102	07/22/08	Acceptable
2,4,6-Tribromophenol	62	30-143	07/22/08	Acceptable
Terphenyl-d14	63	23-165	07/22/08	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**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:	JWG0802454-3	**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	07/07/08	07/18/08	JWG0802454	
2-Methylphenol	ND	U	5.0	0.64	1	07/07/08	07/18/08	JWG0802454	
4-Methylphenol†	ND	U	5.0	0.77	1	07/07/08	07/18/08	JWG0802454	
2,4-Dimethylphenol	ND	U	5.0	0.79	1	07/07/08	07/18/08	JWG0802454	
Naphthalene	ND	U	5.0	0.79	1	07/07/08	07/18/08	JWG0802454	
2-Methylnaphthalene	ND	U	5.0	0.74	1	07/07/08	07/18/08	JWG0802454	
Acenaphthylene	ND	U	5.0	0.58	1	07/07/08	07/18/08	JWG0802454	
Acenaphthene	ND	U	5.0	0.99	1	07/07/08	07/18/08	JWG0802454	
Dibenzofuran	ND	U	5.0	0.79	1	07/07/08	07/18/08	JWG0802454	
Fluorene	ND	U	5.0	0.88	1	07/07/08	07/18/08	JWG0802454	
Pentachlorophenol	ND	U	20	0.67	1	07/07/08	07/18/08	JWG0802454	
Phenanthrene	ND	U	5.0	0.70	1	07/07/08	07/18/08	JWG0802454	
Anthracene	ND	U	5.0	0.71	1	07/07/08	07/18/08	JWG0802454	
Carbazole	ND	U	5.0	0.74	1	07/07/08	07/18/08	JWG0802454	
Fluoranthene	ND	U	5.0	0.66	1	07/07/08	07/18/08	JWG0802454	
Pyrene	ND	U	5.0	0.84	1	07/07/08	07/18/08	JWG0802454	
Benz(a)anthracene	ND	U	5.0	0.86	1	07/07/08	07/18/08	JWG0802454	
Chrysene	ND	U	5.0	0.87	1	07/07/08	07/18/08	JWG0802454	
Benzo(b)fluoranthene	ND	U	5.0	0.87	1	07/07/08	07/18/08	JWG0802454	
Benzo(k)fluoranthene	ND	U	5.0	0.54	1	07/07/08	07/18/08	JWG0802454	
Benzo(a)pyrene	ND	U	5.0	0.63	1	07/07/08	07/18/08	JWG0802454	
Indeno(1,2,3-cd)pyrene	ND	U	5.0	0.55	1	07/07/08	07/18/08	JWG0802454	
Dibenz(a,h)anthracene	ND	U	5.0	0.62	1	07/07/08	07/18/08	JWG0802454	
Benzo(g,h,i)perylene	ND	U	5.0	0.91	1	07/07/08	07/18/08	JWG0802454	

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0802454-3

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	31	10-77	07/18/08	Acceptable
Phenol-d6	18	10-51	07/18/08	Acceptable
Nitrobenzene-d5	58	32-106	07/18/08	Acceptable
2-Fluorobiphenyl	56	30-102	07/18/08	Acceptable
2,4,6-Tribromophenol	62	30-143	07/18/08	Acceptable
Terphenyl-d14	86	23-165	07/18/08	Acceptable

† Analyte Comments

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

Comments:

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200

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
FB07-070108	J0803200-003	31	20	55	58	56	73
EB08-070108	J0803200-004	28	21	58	65	43	70
FW12B-02-070108	J0803200-005	22	16	47	49	39	64
FW12B-01-070108	J0803200-006	31	20	53	54	57	67
FW12B-04-070108	J0803200-007	29	20	55	55	59	68
FW12B-03-070108	J0803200-008	32	22	67	56	64	65
FW99H-070108	J0803200-009	32	22	65	54	62	63
Method Blank	JWG0802454-3	31	18	58	56	62	86
Lab Control Sample	JWG0802454-1	34	24	67	69	78	86
Duplicate Lab Control Sample	JWG0802454-2	34	23	65	66	76	83

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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/18/2008
Time Analyzed: 14:03

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G18.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802672-2
Analysis Lot: JWG0802672
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	RT	Area	RT	Area	RT
	Results ==>	1,035,360	4.49	2,719,038	5.71	1,674,658	8.51
	Upper Limit ==>	2,070,720	4.99	5,438,076	6.21	3,349,316	9.01
	Lower Limit ==>	517,680	3.99	1,359,519	5.21	837,329	8.01
	ICAL Result ==>	626,370	4.46	1,603,962	5.68	943,942	8.48
Associated Analyses							
Lab Control Sample	JWG0802454-1	936,927	4.47	2,728,373	5.70	1,813,798	8.51
Duplicate Lab Control Sample	JWG0802454-2	945,537	4.48	2,794,307	5.69	1,858,632	8.50
Method Blank	JWG0802454-3	868,125	4.47	2,627,979	5.69	1,795,634	8.49

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/18/2008
Time Analyzed: 14:03

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G18.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802672-2
Analysis Lot: JWG0802672
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	RT	Area	RT	Area	RT
	Results ==>	2,371,715	11.62	1,945,471	17.33	1,313,653	19.67
	Upper Limit ==>	4,743,430	12.12	3,890,942	17.83	2,627,306	20.17
	Lower Limit ==>	1,185,858	11.12	972,736	16.83	656,827	19.17
	ICAL Result ==>	1,347,281	11.60	1,255,225	17.32	940,524	19.66
Associated Analyses							
Lab Control Sample	JWG0802454-1	2,553,103	11.62	2,011,187	17.34	1,411,651	19.67
Duplicate Lab Control Sample	JWG0802454-2	2,707,354	11.61	2,140,028	17.33	1,463,889	19.67
Method Blank	JWG0802454-3	2,774,121	11.61	2,146,604	17.33	1,594,342	19.67

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/22/2008
Time Analyzed: 19:09

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G22.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802683-2
Analysis Lot: JWG0802683
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	892,961	4.47	2,491,640	5.70	1,632,327	8.51
	Upper Limit ==>	1,785,922	4.97	4,983,280	6.20	3,264,654	9.01
	Lower Limit ==>	446,481	3.97	1,245,820	5.20	816,164	8.01
	ICAL Result ==>	626,370	4.46	1,603,962	5.68	943,942	8.48
Associated Analyses							
FB07-070108	J0803200-003	988,272	4.47	2,847,655	5.69	1,903,081	8.49
EB08-070108	J0803200-004	758,241	4.48	2,278,037	5.69	1,390,130	8.49
FW12B-02-070108	J0803200-005	896,927	4.47	2,690,047	5.69	1,721,254	8.48
FW12B-01-070108	J0803200-006	995,609	4.47	2,936,479	5.69	1,960,148	8.49
FW12B-04-070108	J0803200-007	776,813	4.47	2,087,689	5.69	1,423,864	8.49
FW12B-03-070108	J0803200-008	935,972	4.47	2,207,902	5.71	1,736,171	8.48
FW99H-070108	J0803200-009	939,064	4.46	2,220,712	5.70	1,770,955	8.48

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/22/2008
Time Analyzed: 19:09

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G22.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802683-2
Analysis Lot: JWG0802683
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	2,567,820	11.61	2,186,907	17.33	1,847,128	19.67
	Upper Limit ==>	5,135,640	12.11	4,373,814	17.83	3,694,256	20.17
	Lower Limit ==>	1,283,910	11.11	1,093,454	16.83	923,564	19.17
	ICAL Result ==>	1,347,281	11.60	1,255,225	17.32	940,524	19.66
Associated Analyses							
FB07-070108	J0803200-003	3,217,991	11.61	2,716,061	17.33	2,159,002	19.67
EB08-070108	J0803200-004	2,365,561	11.60	2,214,592	17.33	1,927,305	19.66
FW12B-02-070108	J0803200-005	2,854,925	11.60	2,342,811	17.32	1,917,698	19.66
FW12B-01-070108	J0803200-006	3,248,494	11.61	2,696,019	17.33	2,155,265	19.67
FW12B-04-070108	J0803200-007	2,295,328	11.60	1,970,548	17.32	1,744,906	19.66
FW12B-03-070108	J0803200-008	2,859,329	11.60	2,426,405	17.32	2,011,374	19.66
FW99H-070108	J0803200-009	2,830,251	11.60	2,438,117	17.32	2,034,151	19.66

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/23/2008
Time Analyzed: 12:19

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G23.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802688-2
Analysis Lot: JWG0802688
Column : HP-5MS

		1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	816,010	4.49	2,303,444	5.70	1,428,429	8.49
	Upper Limit ==>	1,632,020	4.99	4,606,888	6.20	2,856,858	8.99
	Lower Limit ==>	408,005	3.99	1,151,722	5.20	714,215	7.99
	ICAL Result ==>	626,370	4.46	1,603,962	5.68	943,942	8.48
Associated Analyses							
FW12B-03-070108DL	J0803200-008	806,222	4.47	2,307,310	5.68	1,517,410	8.48
FW99H-070108DL	J0803200-009	896,725	4.48	2,622,597	5.69	1,689,209	8.48

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/23/2008
Time Analyzed: 12:19

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

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G23.B\0
Instrument ID: MS01.i
Analysis Method: 8270C

Lab Code: JWG0802688-2
Analysis Lot: JWG0802688
Column : HP-5MS

		Phenanthrene-d10		Chrysene-d12		Perylene-d12	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	2,248,959	11.61	1,977,029	17.33	1,684,458	19.66
	Upper Limit ==>	4,497,918	12.11	3,954,058	17.83	3,368,916	20.16
	Lower Limit ==>	1,124,480	11.11	988,515	16.83	842,229	19.16
	ICAL Result ==>	1,347,281	11.60	1,255,225	17.32	940,524	19.66
Associated Analyses							
FW12B-03-070108DL	J0803200-008	2,582,055	11.60	2,252,849	17.32	1,871,616	19.66
FW99H-070108DL	J0803200-009	2,817,293	11.60	2,387,228	17.32	2,058,038	19.66

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Beazer East, Inc.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/07/2008
Sample Matrix:	Water	**Date Analyzed:**	07/18/2008

Lab Control Spike/Duplicate 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:	JWG0802454

	Lab Control Sample JWG0802454-1 Lab Control Spike			Duplicate Lab Control Sample JWG0802454-2 Duplicate Lab Control Spike					
Analyte Name	**Result**	**Expected**	**%Rec**	**Result**	**Expected**	**%Rec**	**%Rec Limits**	**RPD**	**RPD Limit**
Phenol	14.0	50.0	28	13.7	50.0	27	12-54	2	30
2-Methylphenol	31.6	50.0	63	28.9	50.0	58	21-100	9	30
4-Methylphenol	60.2	75.0	80	56.6	75.0	75	15-93	6	30
2,4-Dimethylphenol	23.2	50.0	46	25.1	50.0	50	38-110	8	30
Naphthalene	34.1	50.0	68	31.9	50.0	64	44-97	6	30
2-Methylnaphthalene	32.9	50.0	66	32.0	50.0	64	46-110	3	30
Acenaphthylene	33.1	50.0	66	32.3	50.0	65	45-99	2	30
Acenaphthene	33.3	50.0	67	33.4	50.0	67	42-106	0	30
Dibenzofuran	32.5	50.0	65	31.7	50.0	63	49-103	2	30
Fluorene	35.6	50.0	71	35.7	50.0	71	54-97	0	30
Pentachlorophenol	24.5	50.0	49	24.0	50.0	48	44-120	2	30
Phenanthrene	35.2	50.0	70	34.3	50.0	69	52-110	3	30
Anthracene	34.3	50.0	69	33.5	50.0	67	52-104	2	30
Carbazole	36.2	50.0	72	35.4	50.0	71	48-118	2	30
Fluoranthene	35.3	50.0	71	33.6	50.0	67	52-110	5	30
Pyrene	40.9	50.0	82	38.7	50.0	77	53-110	5	30
Benz(a)anthracene	37.0	50.0	74	35.7	50.0	71	49-114	3	30
Chrysene	38.0	50.0	76	37.2	50.0	74	50-113	2	30
Benzo(b)fluoranthene	32.6	50.0	65	33.4	50.0	67	56-110	2	30
Benzo(k)fluoranthene	40.0	50.0	80	37.9	50.0	76	48-110	6	30
Benzo(a)pyrene	33.5	50.0	67	32.9	50.0	66	56-110	2	30
Indeno(1,2,3-cd)pyrene	31.4	50.0	63	30.6	50.0	61	54-115	2	30
Dibenz(a,h)anthracene	31.1	50.0	62	30.9	50.0	62	51-125	1	30
Benzo(g,h,i)perylene	32.5	50.0	65	31.1	50.0	62	53-116	4	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:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Extracted:**	07/07/2008
Sample Matrix:	Water	**Date Analyzed:**	07/18/2008
		Time Analyzed:	19:46

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

Sample Name:	Method Blank	**File ID:**	J:\MS01\DATA\MS018G18.B\0718-013.D
Lab Code:	JWG0802454-3	**Instrument ID:**	MS01.i
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0802454

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	JWG0802454-1	J:\MS01\DATA\MS018G18.B\0718-011.D	07/18/08	18:42
Duplicate Lab Control Sample	JWG0802454-2	J:\MS01\DATA\MS018G18.B\0718-012.D	07/18/08	19:14
FB07-070108	J0803200-003	J:\MS01\DATA\MS018G22.B\0722-005.D	07/22/08	20:13
EB08-070108	J0803200-004	J:\MS01\DATA\MS018G22.B\0722-006.D	07/22/08	20:45
FW12B-02-070108	J0803200-005	J:\MS01\DATA\MS018G22.B\0722-007.D	07/22/08	21:16
FW12B-01-070108	J0803200-006	J:\MS01\DATA\MS018G22.B\0722-008.D	07/22/08	21:48
FW12B-04-070108	J0803200-007	J:\MS01\DATA\MS018G22.B\0722-009.D	07/22/08	22:20
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G22.B\0722-010.D	07/22/08	22:52
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G22.B\0722-011.D	07/22/08	23:23
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G23.B\0723-005.D	07/23/08	13:23
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G23.B\0723-006.D	07/23/08	13:55

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091
Sample Matrix: Water

Service Request: J0803200

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

Sample Name:	Lab Control Sample	**Sample Name:**	Duplicate Lab Control Sample
Lab Code:	JWG0802454-1	**Lab Code:**	JWG0802454-2
File ID:	J:\MS01\DATA\MS018G18.B\0718-011.D	**File ID:**	J:\MS01\DATA\MS018G18.B\0718-012.D
Instrument ID:	MS01.i	**Instrument ID:**	MS01.i
Date Extracted:	07/07/2008	**Date Extracted:**	07/07/2008
Date Analyzed:	07/18/2008	**Date Analyzed:**	07/18/2008
Time Analyzed:	18:42	**Time Analyzed:**	19:14

Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C	**Extraction Lot:**	JWG0802454

These Lab Control Samples apply to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	JWG0802454-3	J:\MS01\DATA\MS018G18.B\0718-013.D	07/18/08	19:46
FB07-070108	J0803200-003	J:\MS01\DATA\MS018G22.B\0722-005.D	07/22/08	20:13
EB08-070108	J0803200-004	J:\MS01\DATA\MS018G22.B\0722-006.D	07/22/08	20:45
FW12B-02-070108	J0803200-005	J:\MS01\DATA\MS018G22.B\0722-007.D	07/22/08	21:16
FW12B-01-070108	J0803200-006	J:\MS01\DATA\MS018G22.B\0722-008.D	07/22/08	21:48
FW12B-04-070108	J0803200-007	J:\MS01\DATA\MS018G22.B\0722-009.D	07/22/08	22:20
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G22.B\0722-010.D	07/22/08	22:52
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G22.B\0722-011.D	07/22/08	23:23
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G23.B\0723-005.D	07/23/08	13:23
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G23.B\0723-006.D	07/23/08	13:55

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Results

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
Date Analyzed: 07/18/2008
Time Analyzed: 13:49

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G18.B\0718-002.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0802672

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	44.2	82664	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	51.1	95456	PASS
70	69	0	2	0.4	344	PASS
127	198	40	60	53.5	100000	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	186880	PASS
199	198	5	9	6.7	12470	PASS
275	198	10	30	22.0	41096	PASS
365	198	1	100	3.4	6394	PASS
441	443	0	100	89.1	17288	PASS
442	198	40	200	56.2	105000	PASS
443	442	17	23	18.5	19400	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0802672-2	J:\MS01\DATA\MS018G18.B\0718-0	07/18/2008	14:03	
Lab Control Sample	JWG0802454-1	J:\MS01\DATA\MS018G18.B\0718-0	07/18/2008	18:42	
Duplicate Lab Control Sample	JWG0802454-2	J:\MS01\DATA\MS018G18.B\0718-0	07/18/2008	19:14	
Method Blank	JWG0802454-3	J:\MS01\DATA\MS018G18.B\0718-0	07/18/2008	19:46	

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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/22/2008
Time Analyzed: 18:54

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G22.B\0722-002.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0802683

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	46.9	79872	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	53.2	90600	PASS
70	69	0	2	0.7	611	PASS
127	198	40	60	55.8	94880	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	170176	PASS
199	198	5	9	6.6	11301	PASS
275	198	10	30	21.9	37232	PASS
365	198	1	100	3.1	5308	PASS
441	443	0	100	89.7	14035	PASS
442	198	40	200	49.9	84896	PASS
443	442	17	23	18.4	15639	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0802683-2	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	19:09	
FB07-070108	J0803200-003	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	20:13	
EB08-070108	J0803200-004	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	20:45	
FW12B-02-070108	J0803200-005	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	21:16	
FW12B-01-070108	J0803200-006	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	21:48	
FW12B-04-070108	J0803200-007	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	22:20	
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	22:52	
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G22.B\0722-0	07/22/2008	23:23	

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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/23/2008
Time Analyzed: 10:58

Tune Summary
Semi-Volatile Organic Compounds by GC/MS

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G23.B\0723-002.D
Instrument ID: MS01.i
Column:

Analysis Method: 8270C
Analysis Lot: JWG0802688

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
51	198	30	60	40.8	81344	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	50.3	100200	PASS
70	69	0	2	0.5	463	PASS
127	198	40	60	52.6	104752	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	199296	PASS
199	198	5	9	7.0	13863	PASS
275	198	10	30	22.4	44648	PASS
365	198	1	100	3.4	6738	PASS
441	443	0	100	90.6	17336	PASS
442	198	40	200	52.5	104552	PASS
443	442	17	23	18.3	19144	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	JWG0802688-2	J:\MS01\DATA\MS018G23.B\0723-0	07/23/2008	12:19	
FW12B-03-070108	J0803200-008	J:\MS01\DATA\MS018G23.B\0723-0	07/23/2008	13:23	
FW99H-070108	J0803200-009	J:\MS01\DATA\MS018G23.B\0723-0	07/23/2008	13:55	

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 07/10/2008

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

ICAL ID: CAL1505
Instrument ID: MS01.i

Column: HP-5MS

Level ID	File ID	Level ID	File ID
A	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	G	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\
B	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	H	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\
C	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	I	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\
D	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	J	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\
E	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	K	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\
F	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\	L	\\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\

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	1.98	B	10	2.01	C	20	2.04	D	25	2.28	E	40	2.33
	F	50	2.17	G	80	1.91	H	100	1.77	I	120	1.58			
2-Methylphenol	A	5.0	1.31	B	10	1.30	C	20	1.28	D	25	1.37	E	40	1.44
	F	50	1.36	G	80	1.34	H	100	1.29	I	120	1.16	J	160	1.16
	K	200	1.22	L	300	0.916									
4-Methylphenol	A	5.0	1.69	B	10	1.69	C	20	1.65	D	25	1.80	E	40	1.83
	F	50	1.68	G	80	1.76	H	100	1.69	I	120	1.57	J	160	1.32
	K	200	1.21	L	300	0.887									
2,4-Dimethylphenol	A	5.0	0.375	B	10	0.381	C	20	0.347	D	25	0.430	E	40	0.429
	F	50	0.403	G	80	0.427	H	100	0.415	I	120	0.433	J	160	0.420
	K	200	0.405	L	300	0.367									
Naphthalene	A	5.0	1.12	B	10	1.09	C	20	1.04	D	25	1.15	E	40	1.12
	F	50	1.04	G	80	1.03	H	100	1.08	I	120	1.01	J	160	0.851
	K	200	0.830	L	300	0.690									
2-Methylnaphthalene	A	5.0	0.688	B	10	0.682	C	20	0.638	D	25	0.709	E	40	0.728
	F	50	0.675	G	80	0.706	H	100	0.732	I	120	0.700	J	160	0.639
	K	200	0.630	L	300	0.528									
Acenaphthylene	A	5.0	1.72	B	10	1.59	C	20	1.59	D	25	1.76	E	40	1.71
	F	50	1.63	G	80	1.77	H	100	1.89	I	120	1.86	J	160	1.79
	K	200	1.81	L	300	1.40									
‡ Acenaphthene	A	5.0	0.986	B	10	0.928	C	20	0.919	D	25	1.02	E	40	1.01
	F	50	0.978	G	80	1.04	H	100	1.16	I	120	1.10	J	160	1.05
	K	200	1.08	L	300	0.887									
Dibenzofuran	A	5.0	1.65	B	10	1.51	C	20	1.53	D	25	1.69	E	40	1.65
	F	50	1.62	G	80	1.73	H	100	1.82	I	120	1.83	J	160	1.77
	K	200	1.84	L	300	1.68									

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

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 07/10/2008

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

ICAL ID: CAL1505
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
Fluorene	A	5.0	1.16	B	10	1.13	C	20	1.16	D	25	1.28	E	40	1.33
	F	50	1.28	G	80	1.40	H	100	1.46	I	120	1.35	J	160	1.22
	K	200	1.24												
‡ Pentachlorophenol							C	20	0.0719	D	25	0.0884	E	40	0.103
	F	50	0.102	G	80	0.123	H	100	0.141	I	120	0.141	J	160	0.155
	K	200	0.168	L	300	0.176									
Phenanthrene	A	5.0	1.11	B	10	1.03	C	20	1.06	D	25	1.18	E	40	1.16
	F	50	1.11	G	80	1.17	H	100	1.25	I	120	1.24	J	160	1.21
	K	200	1.29	L	300	1.22									
Anthracene	A	5.0	1.09	B	10	1.05	C	20	1.04	D	25	1.17	E	40	1.20
	F	50	1.11	G	80	1.19	H	100	1.25	I	120	1.23	J	160	1.21
	K	200	1.27	L	300	1.14									
Carbazole	A	5.0	0.900	B	10	0.881	C	20	0.878	D	25	0.977	E	40	0.968
	F	50	0.956	G	80	1.00	H	100	1.06	I	120	1.02	J	160	1.03
	K	200	1.10	L	300	1.04									
‡ Fluoranthene	A	5.0	1.01	B	10	0.956	C	20	1.00	D	25	1.11	E	40	1.15
	F	50	1.10	G	80	1.19	H	100	1.27	I	120	1.26	J	160	1.27
	K	200	1.33	L	300	1.27									
Pyrene	A	5.0	1.32	B	10	1.23	C	20	1.24	D	25	1.38	E	40	1.29
	F	50	1.22	G	80	1.23	H	100	1.22	I	120	1.23	J	160	1.20
	K	200	1.20	L	300	1.18									
Benz(a)anthracene	A	5.0	1.00	B	10	0.934	C	20	0.952	D	25	1.06	E	40	1.01
	F	50	0.998	G	80	1.02	H	100	1.04	I	120	1.04	J	160	1.00
	K	200	1.05	L	300	0.994									
Chrysene	A	5.0	1.09	B	10	1.00	C	20	0.995	D	25	1.12	E	40	0.968
	F	50	0.950	G	80	0.979	H	100	1.01	I	120	1.02	J	160	0.941
	K	200	0.961	L	300	0.778									
Benzo(b)fluoranthene	A	5.0	0.821	B	10	0.888	C	20	1.07	D	25	1.16	E	40	1.11
	F	50	1.11	G	80	1.25	H	100	1.82	I	120	1.41	J	160	1.57
	K	200	1.83	L	300	1.33									
Benzo(k)fluoranthene	A	5.0	1.43	B	10	1.23	C	20	1.23	D	25	1.42	E	40	1.55
	F	50	1.47	G	80	1.56	H	100	1.60	I	120	1.58	J	160	1.45
	K	200	1.25	L	300	1.02									

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

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 07/10/2008

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

ICAL ID: CAL1505
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
‡ Benzo(a)pyrene	A	5.0	0.789	B	10	0.792	C	20	0.862	D	25	1.00	E	40	1.06
	F	50	1.04	G	80	1.14	H	100	1.39	I	120	1.25	J	160	1.24
	K	200	1.29	L	300	1.13									
Indeno(1,2,3-cd)pyrene	A	5.0	0.854	B	10	0.842	C	20	0.902	D	25	1.07	E	40	1.10
	F	50	1.12	G	80	1.24	H	100	1.53	I	120	1.58	J	160	1.79
	K	200	1.88	L	300	1.73									
Dibenz(a,h)anthracene	A	5.0	0.714	B	10	0.706	C	20	0.763	D	25	0.906	E	40	0.950
	F	50	0.965	G	80	1.10	H	100	1.34	I	120	1.40	J	160	1.53
	K	200	1.54	L	300	1.28									
Benzo(g,h,i)perylene	A	5.0	0.756	B	10	0.790	C	20	0.752	D	25	0.894	E	40	0.892
	F	50	0.906	G	80	0.996	H	100	1.25	I	120	1.32	J	160	1.51
	K	200	1.64												
2-Fluorophenol	A	5.0	1.61	B	10	1.67	C	20	1.56	D	25	1.73	E	40	1.70
	F	50	1.69	G	80	1.83	H	100	1.92	I	120	2.01	J	160	1.96
	K	200	2.08	L	300	1.91									
Phenol-d6	A	5.0	1.95	B	10	2.02	C	20	2.00	D	25	2.23	E	40	2.29
	F	50	2.12	G	80	2.04	H	100	1.89	I	120	1.73	J	160	1.53
	K	200	1.47												
Nitrobenzene-d5	A	5.0	0.465	B	10	0.468	C	20	0.461	D	25	0.517	E	40	0.512
	F	50	0.492	G	80	0.503	H	100	0.508	I	120	0.479	J	160	0.428
	K	200	0.436	L	300	0.345									
2-Fluorobiphenyl	A	5.0	1.43	B	10	1.35	C	20	1.37	D	25	1.55	E	40	1.50
	F	50	1.45	G	80	1.58	H	100	1.73	I	120	1.72	J	160	1.61
	K	200	1.51	L	300	0.717									
2,4,6-Tribromophenol	A	5.0	0.110	B	10	0.109	C	20	0.121	D	25	0.140	E	40	0.144
	F	50	0.140	G	80	0.151	H	100	0.164	I	120	0.162	J	160	0.167
	K	200	0.178	L	300	0.166									
Terphenyl-d14	A	5.0	0.790	B	10	0.766	C	20	0.783	D	25	0.859	E	40	0.832
	F	50	0.804	G	80	0.825	H	100	0.837	I	120	0.837	J	160	0.786
	K	200	0.821	L	300	0.698									

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

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

Client: Beazer East, Inc. **Service Request:** J0803200
Project: Gainesville, FL/OM045008-091 **ICAL Date:** 07/10/2008

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

ICAL ID: CAL1505 **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	11.8		≤ 30	2.01		0.01
2-Methylphenol	MS	AverageRF	% RSD	10.8		≤ 30	1.26		0.01
4-Methylphenol	MS	AverageRF	% RSD	18.1		≤ 30	1.56		0.01
2,4-Dimethylphenol	MS	AverageRF	% RSD	7.1		≤ 30	0.403		0.01
Naphthalene	MS	AverageRF	% RSD	13.9		≤ 30	1.00		0.01
2-Methylnaphthalene	MS	AverageRF	% RSD	8.4		≤ 30	0.671		0.01
Acenaphthylene	MS	AverageRF	% RSD	8.0		≤ 30	1.71		0.01
‡ Acenaphthene	MS	AverageRF	% RSD	7.8		≤ 30	1.01		0.01
Dibenzofuran	MS	AverageRF	% RSD	6.5		≤ 30	1.69		0.01
Fluorene	MS	AverageRF	% RSD	8.4		≤ 30	1.27		0.01
‡ Pentachlorophenol	MS	AverageRF	% RSD	27.5		≤ 30	0.127		0.01
Phenanthrene	MS	AverageRF	% RSD	6.9		≤ 30	1.17		0.01
Anthracene	MS	AverageRF	% RSD	6.5		≤ 30	1.16		0.01
Carbazole	MS	AverageRF	% RSD	7.2		≤ 30	0.984		0.01
‡ Fluoranthene	MS	AverageRF	% RSD	10.8		≤ 30	1.16		0.01
Pyrene	MS	AverageRF	% RSD	4.5		≤ 30	1.24		0.01
Benz(a)anthracene	MS	AverageRF	% RSD	3.8		≤ 30	1.01		0.01
Chrysene	MS	AverageRF	% RSD	8.6		≤ 30	0.985		0.01
Benzo(b)fluoranthene	MS	AverageRF	% RSD	25.5		≤ 30	1.28		0.01
Benzo(k)fluoranthene	MS	AverageRF	% RSD	12.7		≤ 30	1.40		0.01
‡ Benzo(a)pyrene	MS	AverageRF	% RSD	18.1		≤ 30	1.08		0.01
Indeno(1,2,3-cd)pyrene	MS	AverageRF	% RSD	29.1		≤ 30	1.30		0.01
Dibenz(a,h)anthracene	MS	AverageRF	% RSD	28.2		≤ 30	1.10		0.01
Benzo(g,h,i)perylene	MS	AverageRF	% RSD	29.4		≤ 30	1.06		0.01
2-Fluorophenol	SURR	AverageRF	% RSD	9.3		≤ 30	1.81		0.01
Phenol-d6	SURR	AverageRF	% RSD	13.7		≤ 30	1.93		0.01
Nitrobenzene-d5	SURR	AverageRF	% RSD	10.4		≤ 30	0.468		0.01
2-Fluorobiphenyl	SURR	AverageRF	% RSD	18.0		≤ 30	1.46		0.01
2,4,6-Tribromophenol	SURR	AverageRF	% RSD	15.8		≤ 30	0.146		0.01
Terphenyl-d14	SURR	AverageRF	% RSD	5.3		≤ 30	0.803		0.01

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

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200
ICAL Date: 07/10/2008
Date Analyzed: 07/11/2008

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

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL ID: CAL1505
Units: ug/mL

File ID: \\Jacksonville1\ACQUDATA\MS01\DATA\MS018G10pah.b\0710-018.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	57	2.01	2.30	15	NA	± 30 %	AverageRF
2-Methylphenol	50	57	1.26	1.43	13	NA	± 30 %	AverageRF
4-Methylphenol	50	58	1.56	1.81	16	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	49	0.403	0.396	-2	NA	± 30 %	AverageRF
Naphthalene	50	55	1.00	1.10	10	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	54	0.671	0.719	7	NA	± 30 %	AverageRF
Acenaphthylene	50	50	1.71	1.72	1	NA	± 30 %	AverageRF
‡ Acenaphthene	50	51	1.01	1.03	2	NA	± 30 %	AverageRF
Dibenzofuran	50	50	1.69	1.69	0	NA	± 30 %	AverageRF
Fluorene	50	53	1.27	1.35	6	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	41	0.127	0.104	-18	NA	± 30 %	AverageRF
Phenanthrene	50	49	1.17	1.13	-3	NA	± 30 %	AverageRF
Anthracene	50	49	1.16	1.14	-2	NA	± 30 %	AverageRF
Carbazole	50	51	0.984	1.01	2	NA	± 30 %	AverageRF
‡ Fluoranthene	50	50	1.16	1.16	0	NA	± 30 %	AverageRF
Pyrene	50	51	1.24	1.26	1	NA	± 30 %	AverageRF
Benz(a)anthracene	50	51	1.01	1.03	2	NA	± 30 %	AverageRF
Chrysene	50	49	0.985	0.973	-1	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	59	1.28	1.51	18	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	54	1.40	1.51	8	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	49	1.08	1.06	-2	NA	± 30 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	49	1.30	1.27	-3	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	49	1.10	1.08	-2	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	50	1.06	1.06	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.	**Service Request:**	J0803200
Project:	Gainesville, FL/OM045008-091	**Date Analyzed:**	07/18/2008

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

ICAL Type:	Internal Standard	**ICAL Date:**	07/10/2008
Analysis Method:	8270C	**ICAL ID:**	CAL1505
		Analysis Lot:	JWG0802672
		Units:	ug/mL
File ID:	\\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G18.B\0718-003.D	**Column ID:**	HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	44	0.01	2.01	1.76	-12	NA	± 20 %	AverageRF
2-Methylphenol	50	49	0.01	1.26	1.23	-2	NA	± 30 %	AverageRF
4-Methylphenol	50	50	0.01	1.56	1.58	1	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	44	0.01	0.403	0.354	-12	NA	± 30 %	AverageRF
Naphthalene	50	51	0.01	1.00	1.03	3	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	51	0.01	0.671	0.680	1	NA	± 30 %	AverageRF
Acenaphthylene	50	47	0.01	1.71	1.61	-6	NA	± 30 %	AverageRF
‡ Acenaphthene	50	48	0.01	1.01	0.977	-4	NA	± 20 %	AverageRF
Dibenzofuran	50	46	0.01	1.69	1.56	-8	NA	± 30 %	AverageRF
Fluorene	50	51	0.01	1.27	1.30	2	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	41	0.01	0.127	0.104	-18	NA	± 20 %	AverageRF
Phenanthrene	50	46	0.01	1.17	1.08	-8	NA	± 30 %	AverageRF
Anthracene	50	46	0.01	1.16	1.07	-8	NA	± 30 %	AverageRF
Carbazole	50	47	0.01	0.984	0.922	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	44	0.01	1.16	1.02	-12	NA	± 20 %	AverageRF
Pyrene	50	50	0.01	1.24	1.24	0	NA	± 30 %	AverageRF
Benz(a)anthracene	50	48	0.01	1.01	0.965	-4	NA	± 30 %	AverageRF
Chrysene	50	46	0.01	0.985	0.896	-9	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	44	0.01	1.28	1.12	-12	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	54	0.01	1.40	1.52	9	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	48	0.01	1.08	1.05	-3	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	45	0.01	1.30	1.16	-11	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	45	0.01	1.10	0.989	-10	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	44	0.01	1.06	0.934	-12	NA	± 30 %	AverageRF
2-Fluorophenol	50	39	0.01	1.81	1.40	-23	NA	± 30 %	AverageRF
Phenol-d6	50	46	0.01	1.93	1.80	-7	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	43	0.01	0.468	0.403	-14	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	51	0.01	1.46	1.50	3	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	49	0.01	0.146	0.143	-2	NA	± 30 %	AverageRF
Terphenyl-d14	50	55	0.01	0.803	0.880	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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/22/2008

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

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 07/10/2008
ICAL ID: CAL1505
Analysis Lot: JWG0802683
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G22.B\0722-003.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	46	0.01	2.01	1.85	-8	NA	± 20 %	AverageRF
2-Methylphenol	50	52	0.01	1.26	1.30	3	NA	± 30 %	AverageRF
4-Methylphenol	50	52	0.01	1.56	1.63	4	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	51	0.01	0.403	0.409	2	NA	± 30 %	AverageRF
Naphthalene	50	49	0.01	1.00	0.975	-3	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	50	0.01	0.671	0.671	0	NA	± 30 %	AverageRF
Acenaphthylene	50	46	0.01	1.71	1.56	-9	NA	± 30 %	AverageRF
‡ Acenaphthene	50	45	0.01	1.01	0.916	-10	NA	± 20 %	AverageRF
Dibenzofuran	50	46	0.01	1.69	1.55	-9	NA	± 30 %	AverageRF
Fluorene	50	46	0.01	1.27	1.16	-9	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	51	0.01	0.127	0.130	3	NA	± 20 %	AverageRF
Phenanthrene	50	42	0.01	1.17	0.990	-15	NA	± 30 %	AverageRF
Anthracene	50	45	0.01	1.16	1.05	-10	NA	± 30 %	AverageRF
Carbazole	50	45	0.01	0.984	0.889	-10	NA	± 30 %	AverageRF
‡ Fluoranthene	50	45	0.01	1.16	1.04	-11	NA	± 20 %	AverageRF
Pyrene	50	49	0.01	1.24	1.21	-3	NA	± 30 %	AverageRF
Benz(a)anthracene	50	47	0.01	1.01	0.957	-5	NA	± 30 %	AverageRF
Chrysene	50	49	0.01	0.985	0.968	-2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	37	0.01	1.28	0.940	-27	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	48	0.01	1.40	1.33	-5	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	46	0.01	1.08	0.987	-9	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	42	0.01	1.30	1.11	-15	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	43	0.01	1.10	0.946	-14	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	45	0.01	1.06	0.958	-10	NA	± 30 %	AverageRF
2-Fluorophenol	50	52	0.01	1.81	1.88	4	NA	± 30 %	AverageRF
Phenol-d6	50	50	0.01	1.93	1.93	0	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	42	0.01	0.468	0.396	-15	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	46	0.01	1.46	1.36	-7	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	45	0.01	0.146	0.133	-9	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.803	0.796	-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/OM045008-091

Service Request: J0803200
Date Analyzed: 07/23/2008

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

ICAL Type: Internal Standard
Analysis Method: 8270C

ICAL Date: 07/10/2008
ICAL ID: CAL1505
Analysis Lot: JWG0802688
Units: ug/mL

File ID: \\JACKSONVILLE1\ACQUDATA\MS01\DATA\MS018G23.B\0723-003.D

Column ID: HP-5MS

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
‡ Phenol	50	47	0.01	2.01	1.89	-6	NA	± 20 %	AverageRF
2-Methylphenol	50	53	0.01	1.26	1.34	6	NA	± 30 %	AverageRF
4-Methylphenol	50	53	0.01	1.56	1.66	6	NA	± 30 %	AverageRF
2,4-Dimethylphenol	50	51	0.01	0.403	0.414	3	NA	± 30 %	AverageRF
Naphthalene	50	50	0.01	1.00	1.01	1	NA	± 30 %	AverageRF
2-Methylnaphthalene	50	51	0.01	0.671	0.682	2	NA	± 30 %	AverageRF
Acenaphthylene	50	47	0.01	1.71	1.62	-5	NA	± 30 %	AverageRF
‡ Acenaphthene	50	48	0.01	1.01	0.976	-4	NA	± 20 %	AverageRF
Dibenzofuran	50	48	0.01	1.69	1.64	-3	NA	± 30 %	AverageRF
Fluorene	50	48	0.01	1.27	1.23	-4	NA	± 30 %	AverageRF
‡ Pentachlorophenol	50	53	0.01	0.127	0.135	6	NA	± 20 %	AverageRF
Phenanthrene	50	45	0.01	1.17	1.04	-11	NA	± 30 %	AverageRF
Anthracene	50	45	0.01	1.16	1.05	-10	NA	± 30 %	AverageRF
Carbazole	50	47	0.01	0.984	0.924	-6	NA	± 30 %	AverageRF
‡ Fluoranthene	50	46	0.01	1.16	1.07	-7	NA	± 20 %	AverageRF
Pyrene	50	50	0.01	1.24	1.24	0	NA	± 30 %	AverageRF
Benz(a)anthracene	50	49	0.01	1.01	0.983	-3	NA	± 30 %	AverageRF
Chrysene	50	51	0.01	0.985	1.00	2	NA	± 30 %	AverageRF
Benzo(b)fluoranthene	50	43	0.01	1.28	1.09	-15	NA	± 30 %	AverageRF
Benzo(k)fluoranthene	50	45	0.01	1.40	1.26	-10	NA	± 30 %	AverageRF
‡ Benzo(a)pyrene	50	43	0.01	1.08	0.941	-13	NA	± 20 %	AverageRF
Indeno(1,2,3-cd)pyrene	50	42	0.01	1.30	1.10	-16	NA	± 30 %	AverageRF
Dibenz(a,h)anthracene	50	43	0.01	1.10	0.956	-13	NA	± 30 %	AverageRF
Benzo(g,h,i)perylene	50	44	0.01	1.06	0.946	-11	NA	± 30 %	AverageRF
2-Fluorophenol	50	55	0.01	1.81	1.97	9	NA	± 30 %	AverageRF
Phenol-d6	50	52	0.01	1.93	1.99	3	NA	± 30 %	AverageRF
Nitrobenzene-d5	50	43	0.01	0.468	0.399	-15	NA	± 30 %	AverageRF
2-Fluorobiphenyl	50	50	0.01	1.46	1.45	-1	NA	± 30 %	AverageRF
2,4,6-Tribromophenol	50	47	0.01	0.146	0.139	-5	NA	± 30 %	AverageRF
Terphenyl-d14	50	50	0.01	0.803	0.797	-1	NA	± 30 %	AverageRF

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

† SPCC Compound **‡ CCC Compound**

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200

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

Analysis Method: 8270C

Analysis Lot: JWG0802672
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0718-002.D	GC/MS Tuning - Generic	JWG0802672-1	7/18/2008	13:49		7/18/2008	13:49
0718-003.D	Continuing Calibration Verification	JWG0802672-2	7/18/2008	14:03		7/18/2008	14:03
0718-011.D	Lab Control Sample	JWG0802454-1	7/18/2008	18:42		7/18/2008	18:42
0718-012.D	Duplicate Lab Control Sample	JWG0802454-2	7/18/2008	19:14		7/18/2008	19:14
0718-013.D	Method Blank	JWG0802454-3	7/18/2008	19:46		7/18/2008	19:46
0718-014.D	ZZZZZZ	ZZZZZZ	7/18/2008	20:18		7/18/2008	20:18
0718-015.D	ZZZZZZ	ZZZZZZ	7/18/2008	20:50		7/18/2008	20:50

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200

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

Analysis Method: 8270C

Analysis Lot: JWG0802683
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0722-002.D	GC/MS Tuning - Generic	JWG0802683-1	7/22/2008	18:54		7/22/2008	18:54
0722-003.D	Continuing Calibration Verification	JWG0802683-2	7/22/2008	19:09		7/22/2008	19:09
0722-005.D	FB07-070108	J0803200-003	7/22/2008	20:13		7/22/2008	20:13
0722-006.D	EB08-070108	J0803200-004	7/22/2008	20:45		7/22/2008	20:45
0722-007.D	FW12B-02-070108	J0803200-005	7/22/2008	21:16		7/22/2008	21:16
0722-008.D	FW12B-01-070108	J0803200-006	7/22/2008	21:48		7/22/2008	21:48
0722-009.D	FW12B-04-070108	J0803200-007	7/22/2008	22:20		7/22/2008	22:20
0722-010.D	FW12B-03-070108	J0803200-008	7/22/2008	22:52		7/22/2008	22:52
0722-011.D	FW99H-070108	J0803200-009	7/22/2008	23:23		7/22/2008	23:23

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

Client: Beazer East, Inc.
Project: Gainesville, FL/OM045008-091

Service Request: J0803200

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

Analysis Method: 8270C

Analysis Lot: JWG0802688
Instrument ID: MS01.i
Column: HP-5MS

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0723-002.D	GC/MS Tuning - Generic	JWG0802688-1	7/23/2008	10:58		7/23/2008	10:58
0723-003.D	Continuing Calibration Verification	JWG0802688-2	7/23/2008	12:19		7/23/2008	12:19
0723-005.D	FW12B-03-070108	J0803200-008	7/23/2008	13:23		7/23/2008	13:23
0723-006.D	FW99H-070108	J0803200-009	7/23/2008	13:55		7/23/2008	13:55

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/OM045008-091
Sample Matrix: Water

Service Request: J0803200
Date Extracted: 07/07/2008

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

Extraction Method: EPA 3510C
Analysis Method: 8270C

Extraction Lot: JWG0802454
Level: Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
FB07-070108	J0803200-003	07/01/08	07/01/08	790ml	1.0ml	NA	
EB08-070108	J0803200-004	07/01/08	07/01/08	900ml	1.0ml	NA	
FW12B-02-070108	J0803200-005	07/01/08	07/01/08	810ml	1.0ml	NA	
FW12B-01-070108	J0803200-006	07/01/08	07/01/08	780ml	1.0ml	NA	
FW12B-04-070108	J0803200-007	07/01/08	07/01/08	780ml	1.0ml	NA	
FW12B-03-070108DL	J0803200-008	07/01/08	07/01/08	750ml	1.0ml	NA	
FW12B-03-070108	J0803200-008	07/01/08	07/01/08	750ml	1.0ml	NA	
FW99H-070108DL	J0803200-009	07/01/08	07/01/08	880ml	1.0ml	NA	
FW99H-070108	J0803200-009	07/01/08	07/01/08	880ml	1.0ml	NA	
Method Blank	JWG0802454-3	NA	NA	1000ml	1.0ml	NA	
Lab Control Sample	JWG0802454-1	NA	NA	1000ml	1.0ml	NA	
Duplicate Lab Control Sample	JWG0802454-2	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.: J0803200

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
Filter Blank-070108	J0803200-002
FB07-070108	J0803200-003
FB07-070108S	J0803200-003S
FB07-070108SD	J0803200-003SD
EB08-070108	J0803200-004
FW12B-02-070108	J0803200-005
FW12B-01-070108	J0803200-006
FW12B-04-070108	J0803200-007
FW12B-03-070108	J0803200-008
FW99H-070108	J0803200-009

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: 7/15/08 Title: Metals Manager

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

Filter Blank-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-002

Level (low/med): LOW Date Received: 7/1/2008

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	4.1			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.

FB07-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-003

Level (low/med): LOW Date Received: 7/1/2008

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:

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EB08-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-004

Level (low/med): LOW Date Received: 7/1/2008

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	3.0			MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-02-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-005

Level (low/med): LOW Date Received: 7/1/2008

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.7			MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	27			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-01-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-006

Level (low/med): LOW Date Received: 7/1/2008

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	0.8	U		MS
7440-50-8	Copper	0.4	i		MS
7440-66-6	Zinc	4.0	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FW12B-04-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-007

Level (low/med): LOW Date Received: 7/1/2008

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.39	i		MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	0.4	i		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-03-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-008

Level (low/med): LOW Date Received: 7/1/2008

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.44	i		MS
7440-47-3	Chromium	0.8	i		MS
7440-50-8	Copper	0.3	U		MS
7440-66-6	Zinc	4.3	i		MS

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Dissolved Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: FW99H-070108

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

Matrix (soil/water): WATER Lab Sample ID: J0803200-009

Level (low/med): LOW Date Received: 7/1/2008

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.32	i		MS
7440-47-3	Chromium	0.8	U		MS
7440-50-8	Copper	8.7			MS
7440-66-6	Zinc	31			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.: OM045008-091 SAS No.: _____ SDG NO.: J0803200

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	24.9	100	24.9	100	MS
Chromium	20.0	19.9	100	25.0	24.3	97	24.7	99	MS
Copper	25.0	24.4	98	25.0	24.0	96	23.5	94	MS
Zinc	50.0	49.4	99	50.0	48.2	96	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.: OM045008-091 SAS No.: _____ SDG NO.: J0803200

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	24.4	98			MS
Chromium				25.0	24.6	98			MS
Copper				25.0	23.6	94			MS
Zinc				50.0	48.7	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.: OM045008-091 SAS No.: _____ SDG No.: J0803200

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	0.547	109		
Chromium				2.00	1.96	98		
Copper				2.00	2.01	100		
Zinc				10.0	10.2	102		

Comments:

Dissolved Metals

-3-

BLANKS

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	4.0	U	MS

Comments:

Dissolved Metals

-4-

ICP INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: _____ SDG NO.: J0803200

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	19.9	100			
Chromium	0.0	20.0	0.6	19.8	99			
Copper	0.0	20.0	0.5	18.9	94			
Zinc	0.0	40.0	1.7	39.8	100			

Dissolved Metals

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FB07-070108S

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	51.8		0.2	U	50.0	104		MS
Chromium	75 - 125	50.3		0.8	U	50.0	101		MS
Copper	75 - 125	48.8		0.3	U	50.0	98		MS
Zinc	75 - 125	102.0		4.0	U	100	102		MS

Comments:

Dissolved Metals
-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.: FB07-070108SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	50.2		0.2	U	50.0	100		MS
Chromium	75 - 125	48.2		0.8	U	50.0	96		MS
Copper	75 - 125	46.7		0.3	U	50.0	93		MS
Zinc	75 - 125	98.0		4.0	U	100	98		MS

Comments:

Dissolved Metals
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: FB07-070108A

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	47.7		0.2	U	50.0	95		MS
Chromium	75 - 125	48.6		0.8	U	50.0	97		MS
Copper	75 - 125	47.4		0.3	U	50.0	95		MS
Zinc	75 - 125	102.0		4.0	U	100	102		MS

Comments:

Dissolved Metals
-6-
DUPLICATES

SAMPLE NO.

FB07-070108SD

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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		51.8		50.2		3		MS
Chromium		50.3		48.2		4		MS
Copper		48.8		46.7		4		MS
Zinc		102.0		98.0		4		MS

Comments:

Dissolved Metals

-7-

LABORATORY CONTROL SAMPLE

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	51.7	103					
Chromium	50.0	49.6	99					
Copper	50.0	49.0	98					
Zinc	100	102.0	102					

Comments:

Dissolved Metals

-9-

ICP SERIAL DILUTIONS

SAMPLE NO.

FB07-070108L

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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	4.0	U	4.0	U			MS
Copper	1.5	U	1.5	U			MS
Zinc	20.0	U	20.0	U			MS

Comments:

Dissolved Metals

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG NO.: J0803200

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.: OM045008-091 SAS No.: _____ SDG NO.: J0803200

ICP ID Number: ICP-MS Date: 8/15/2002

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	15.00	1000	MS
Chromium	15.00	1000	MS
Copper	15.00	1000	MS
Zinc	15.00	2000	MS

Comments: _____

Dissolved Metals

-13-

PREPARATION LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: _____ SDG NO.: J0803200

Method: MS Prep Method: EPA 3005A

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
Filter Blank-070108	7/10/2008	25.0	25.0
FB07-070108	7/10/2008	25.0	25.0
FB07-070108S	7/10/2008	25.0	25.0
FB07-070108SD	7/10/2008	25.0	25.0
EB08-070108	7/10/2008	25.0	25.0
FW12B-02-070108	7/10/2008	25.0	25.0
FW12B-01-070108	7/10/2008	25.0	25.0
FW12B-04-070108	7/10/2008	25.0	25.0
FW12B-03-070108	7/10/2008	25.0	25.0
FW99H-070108	7/10/2008	25.0	25.0
Lab Control Sample	7/10/2008	25.0	25.0
Method Blank	7/10/2008	25.0	25.0

Comments:

Dissolved Metals
-14-

ANALYSIS RUN LOG

Client: Beazer East, Inc.

Lab Code: CAS-JAX Project No.: OM045008-091 SAS No.: SDG No.: J0803200

Instrument ID Number: ICP-MS Method: MS

Start Date: 7/14/2008 End Date: 7/14/2008

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	12:54				X					X		X												X	
cal std 1 25 ppb	1.00	12:58				X					X		X												X	
cal std 2 50ppb	1.00	13:02				X					X		X												X	
cal std 3 100ppb	1.00	13:06				X					X		X												X	
ICV	1.00	13:10				X					X		X												X	
ICB	1.00	13:14				X					X		X												X	
MRL	1.00	13:18				X					X		X												X	
ICSA	1.00	13:23				X					X		X												X	
ICSAB	1.00	13:27				X					X		X												X	
CCV1	1.00	13:39				X					X		X												X	
CCB1	1.00	13:43				X					X		X												X	
Method Blank	1.00	13:47				X					X		X												X	
Lab Control Sample	1.00	13:52				X					X		X												X	
FB07-070108	1.00	13:56				X					X		X												X	
FB07-070108S	1.00	14:00				X					X		X												X	
FB07-070108SD	1.00	14:04				X					X		X												X	
FB07-070108L	5.00	14:08				X					X		X												X	
FB07-070108A	1.00	14:12				X					X		X												X	
Filter Blank-07010	1.00	14:17				X					X		X												X	
EB08-070108	1.00	14:21				X					X		X												X	
FW12B-02-070108	1.00	14:25				X					X		X												X	
CCV2	1.00	14:29				X					X		X												X	
CCB2	1.00	14:33				X					X		X												X	
FW12B-01-070108	1.00	14:37				X					X		X												X	
FW12B-04-070108	1.00	14:41				X					X		X												X	
FW12B-03-070108	1.00	14:45				X					X		X												X	
FW99H-070108	1.00	14:50				X					X		X												X	
CCV3	1.00	14:54				X					X		X												X	
CCB3	1.00	14:58				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 : OM045008-091
Sample Matrix : WATER

Service Request : J0803200
Date Collected : 07/01/08
Date Received : 07/01/08

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
FB07-070108	J0803200-003	0.4	0.043	1	07/03/08 11:55	U	
EB08-070108	J0803200-004	0.4	0.043	1	07/03/08 11:55	U	
FW12B-02-070108	J0803200-005	0.4	0.043	1	07/03/08 11:55	1.9	
FW12B-01-070108	J0803200-006	0.4	0.043	1	07/03/08 11:55	1.5	
FW12B-04-070108	J0803200-007	0.4	0.043	1	07/03/08 11:55	2.8	
FW12B-03-070108	J0803200-008	0.4	0.043	1	07/03/08 11:55	0.62	
FW99H-070108	J0803200-009	0.4	0.043	1	07/03/08 11:55	0.62	
Method Blank	J0803200-MB	0.4	0.043	1	07/03/08 11:55	U	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045008-091
Sample Matrix : WATER

Service Request : J0803200
Date Collected : 07/01/08
Date Received : 07/01/08
Date Extracted : NA
Date Analyzed : 07/03/08

Duplicate Summary
Inorganic Parameters

Sample Name : FW99H-070108
Lab Code : J0803200-009DUP
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Bromide	mg/L (ppm)	300.0	0.4	0.62	0.61	0.615	2	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045008-091
Sample Matrix : WATER

Service Request : J0803200
Date Collected : 07/01/08
Date Received : 07/01/08
Date Extracted : NA
Date Analyzed : 07/03/08

Matrix Spike Summary
Inorganic Parameters

Sample Name : FW99H-070108
Lab Code : J0803200-009MS
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	mg/L (ppm)	300.0	0.4	10	0.62	10.1	95	90-110	

Report By:Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Beazer East, Inc.
Project Name : Gainesville, FL
Project Number : OM045008-091
Sample Matrix : WATER

Service Request : J0803200
Date Collected : NA
Date Received : NA
Date Extracted : NA
Date Analyzed : 07/03/08

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name : Laboratory Control Sample
Lab Code : J0803200-LCS
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Bromide	mg/L (ppm)	300.0	10	9.60	96	90-110	

Report By:Palimi

Columbia Analytical Services™

Validation Package

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

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Validation Package

Organic Analysis:
Volatile Organic Compounds by GC/MS

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QC Reports

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