



ALS Environmental
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October 17, 2016

Analytical Report for Service Request No: J1606108

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

Laboratory Results for: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Dear Ms. Gatchie:

Enclosed are the results of the sample(s) submitted to our laboratory on August 26, 2016. For your reference, these analyses have been assigned our service request number **J1606108**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4406. You may also contact me via email at Mandy.Sullivan@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Mandy Sullivan
Project Manager

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Non CLP Tier IV (w/ Raw Data)

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This report contains a total of 1599 pages

ALS Environmental

Client: Beazer East, Inc. **Service Request No.:** J1606108
Project: Gainesville 2016 3Q-Annual GW Sampling **Date Received:** 8/26/2016
Sample Matrix: Water

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. When appropriate to the procedure, method blank results have been reported with each analytical test. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Parameters that are included in the NELAC Fields of Testing but are not included in the lab's NELAC accreditation are identified in the discussion of each analytical procedure.

Sample Receipt

Eight water samples were received for analysis at ALS Environmental on 8/26/2016. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at $\leq 6^{\circ}\text{C}$ upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

No significant data anomalies were noted with this analysis.

Semi-Volatile Organic Analyses:

Method 8270: The control criteria for the following surrogate(s) in sample J1606108-006 and -008 are not applicable: 2,4,6-Tribromophenol. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Method 8270: The matrix spike recoveries of 2-Methylnaphthalene and Acenaphthene for sample JQ1606623-03 MS and JQ1606623-04 MSD were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was also outside control criteria for 2-Methylnaphthalene and Naphthalene. The samples were sent back for re-extract out of hold. Both sets of data are provided.

Metals Analyses:

No significant data anomalies were noted with this analysis.

Approved by



Date 10.16.2016

Client: Field and Technical Services, LLC
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

SAMPLE CROSS-REFERENCE

| <u>SAMPLE #</u> | <u>CLIENT SAMPLE ID</u> | <u>DATE</u> | <u>TIME</u> |
|-----------------|-------------------------|-------------|-------------|
| J1606108-001 | GAIN-TB-10-082616 | 8/26/16 | 08:00 |
| J1606108-002 | GAIN-FW-20B-03-082616 | 8/26/16 | 08:00 |
| J1606108-003 | GAIN-FW-20B-04-082616 | 8/26/16 | 08:44 |
| J1606108-004 | GAIN-FB-10-082616 | 8/26/16 | 09:21 |
| J1606108-005 | GAIN-FW-20B-02-082616 | 8/26/16 | 09:38 |
| J1606108-006 | GAIN-FW-20B-01-082616 | 8/26/16 | 12:32 |
| J1606108-007 | GAIN-EB-10-082616 | 8/26/16 | 13:17 |
| J1606108-008 | GAIN-FW-99P-082616 | 8/26/16 | 21:00 |



State Certifications, Accreditations, and Licenses

| Agency | Number | Expire Date |
|--|-----------------|--------------------|
| Department of Defense | 66206 | 7/31/2018 |
| Florida Department of Health | E82502 | 6/30/2017 |
| Georgia Department of Natural Resources | 958 | 6/30/2017 |
| Kentucky Division of Waste Management | 63 | 6/30/2017 |
| Louisiana Department of Environmental Quality | 02086 | 6/30/2017 |
| Maine Department of Health and Human Services | 2015002 | 2/3/2017 |
| North Carolina Department of Environment and Natural Resources | 527 | 12/31/2016 |
| Pennsylvania Department of Environmental Protection | 68-04835 | 8/31/2017 |
| South Carolina Department of Health and Environmental Control | 96021001 | 6/30/2016 |
| Texas Commission on Environmental Quality | T104704197-16-8 | 5/31/2017 |
| Virginia Environmental Accreditation Program | 460191 | 12/14/2016 |

Florida DEP Data Qualifiers

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

Acronyms

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



Chain of Custody Documentation

**9143 Philips Highway, Suite 200
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CHAIN OF CUSTODY RECORD/LABORATORY ANALYSIS REQUEST FORM

REF.#

664



Project Name: Gainesville 2016 3Q-Annual GW Sampling
Project Number: OM-0450-16
Laboratory: Columbia
Shipment Method FEDEX
Program: Floridan 3rd Qtr 2016_001

Company: Field & Technical Services
Address: 200 Third Avenue
 Carnegie, PA 15106
 (412) 279-3363

Client: Beazer East, Inc.
Contact: (412) 706-2278
 sclark.2006@ft-ts.com

| Sample Date | Sample Time | Matrix | Sample Identification | Analysis | Preservative | | | Notes: | | |
|---------------------------|-------------|--------|-----------------------------|----------|--------------|------|------|--------|--------------|--------------|
| | | | | | HCL | None | HNO3 | HNO3 | SW-846 8260B | SW-846 8270D |
| Total Bottle Count | | | | | | | | | | |
| 08/26/2016 | 0800 | GW | GAIN-TB-10-082616 | | 1 | 1 | 0 | 0 | 0 | 0 |
| 08/26/2016 | 0800 | GW | GAIN-FW-20B-03-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 0844 | GW | GAIN-FW-20B-04-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 0921 | GW | GAIN-FB-10-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 0938 | GW | GAIN-FW-20B-02-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 0938 | GW | GAIN-FW-20B-02-MSMSD-082616 | | 14 | 6 | 2 | 2 | 2 | 2 |
| 08/26/2016 | 1232 | GW | GAIN-FW-20B-01-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 1317 | GW | GAIN-FB-10-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |
| 08/26/2016 | 2100 | GW | GAIN-FW-99P-082616 | | 7 | 3 | 1 | 1 | 1 | 1 |

| | | | | |
|--------------------------------------|--|-----------------------------------|------------------------------------|---|
| Relinquished by: | Received by: | Relinquished by: | Received by: | Turnaround Requirements |
| Signature: | Signature: | Signature: | Signature: | <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Standard |
| Printed Name: Steven Clark | Printed Name: Michael Nicholas | Printed Name: | Firm: FTS | Firm: AHS |
| Date/Time: 08/26/2016 1325 | Date/Time: 8/26/16 3:40 | Date/Time: 8/26/16 5:30 | Date/Time: 8/26/16 11:30 | |



Cooler Receipt Form

Client: Beazer
Project: Gainesville

Service Request #: J1606108Cooler received on 8/26/16and opened on 8/29/16 by SL/EHCOURIER: ALS UPS FEDEX Client Other _____ Airbill # _____

- | | | | | | |
|----|--|---|---|---|-----|
| 1 | Were custody seals on outside of cooler? | <input checked="" type="checkbox"/> Yes | No | | |
| | If yes, how many and where? | <input checked="" type="checkbox"/> <u>1</u> on lid | other | | |
| 2 | Were seals intact and signature and date correct? | <input checked="" type="checkbox"/> Yes | No | | |
| 3 | Were custody papers properly filled out? | <input checked="" type="checkbox"/> No | N/A | | |
| 4 | Temperature of cooler(s) upon receipt (Should be 0°C and \leq 6°C) | <u>26</u> | _____ | | |
| 5 | Thermometer ID | _____ | _____ | | |
| 6 | Temperature Blank Present? | <input checked="" type="checkbox"/> Yes | No | | |
| 7 | Were Ice or Ice Packs present | <input checked="" type="checkbox"/> Ice | Ice Packs | | |
| 8 | Did all bottles arrive in good condition (unbroken, etc....)? | <input checked="" type="checkbox"/> Yes | No | | |
| 9 | Type of packing material present | <input checked="" type="checkbox"/> Netting | <input checked="" type="checkbox"/> Vial Holder | <input checked="" type="checkbox"/> Bubble Wrap | |
| 10 | Were all bottle labels complete (sample ID, preservation, etc....)? | <input checked="" type="checkbox"/> Paper | Styrofoam | Other | N/A |
| 11 | Did all bottle labels and tags agree with custody papers? | <input checked="" type="checkbox"/> Yes | No | N/A | |
| 12 | Were the correct bottles used for the tests indicated? | <input checked="" type="checkbox"/> Yes | No | N/A | |
| 13 | Were all of the preserved bottles received with the appropriate preservative? <u>HNO3 pH<2</u> <u>H2SO4 pH<2</u> <u>ZnAc2/NaOH pH>9</u> <u>NaOH pH>12</u> Preservative additions noted below | <input checked="" type="checkbox"/> Yes | No | N/A | |
| 14 | Were all samples received within analysis holding times? | <input checked="" type="checkbox"/> Yes | No | N/A | |
| 15 | Were all VOA vials free of air bubbles? If present, note below | <input checked="" type="checkbox"/> Yes | No | N/A | |
| 16 | Where did the bottles originate? | <input checked="" type="checkbox"/> ALS | Client | | |

| Sample ID | Reagent | Lot # | ml added | Initials Date/Time |
|-----------|---------|-------|----------|--------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

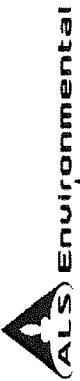
Additional comments and/or explanation of all discrepancies noted above:

All coolers in temp between 0.0° & 0.2°, 14 coolers total

Client approval to run samples if discrepancies noted:

Date:

10



Environmental
Measures
SR# J 100008

Date: 8.29.16 Initials GB

Jacksonville Laboratory
Condition Upon Receipt - Sample pH

Environmental
Logistics
SR#_

Initials: BB
Date: 10/10/10

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

Note: VOA pH checks are performed by the analytical area, not sample control.



Summary Package

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

Summary Package

Sample and QC Results

ALS Group USA, Corp. dba ALS Environmental

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

Volatile Organic Compounds by GC/MS

| Sample Name | Lab Code | Date Collected | Date Received |
|-----------------------|-----------------|-----------------------|----------------------|
| GAIN-TB-10-082616 | J1606108-001 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-03-082616 | J1606108-002 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 08/26/2016 | 08/26/2016 |
| GAIN-FB-10-082616 | J1606108-004 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 08/26/2016 | 08/26/2016 |
| GAIN-EB-10-082616 | J1606108-007 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-99P-082616 | J1606108-008 | 08/26/2016 | 08/26/2016 |

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: _____

Date: _____

Title: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-TB-10-082616
Lab Code: J1606108-001

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|--------|---|-----|------|-----------------|----------------|---------------|----------------|--------------|--------|
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:00 | | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:00 | | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 18:00 | | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 18:00 | | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 18:00 | | | 512376 |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 121 | 70-130 | 8/31/16 18:00 | |
| 4-Bromofluorobenzene | 94 | 70-130 | 8/31/16 18:00 | |
| Dibromofluoromethane | 113 | 70-130 | 8/31/16 18:00 | |
| Toluene-d8 | 95 | 70-130 | 8/31/16 18:00 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FW-20B-03-082616
Lab Code: J1606108-002

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution | Date | Date | Extraction | Analysis |
|--------------|--------|---|-----|------|----------|-----------|---------------|------------|----------|
| | | | | | Factor | Extracted | Analyzed | Lot | Lot |
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 21:51 | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 21:51 | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 21:51 | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 21:51 | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 21:51 | | 512376 |

| Surrogate Name | %Rec | Control | Date | Q |
|-----------------------|------|---------|---------------|---|
| | | Limits | Analyzed | |
| 1,2-Dichloroethane-d4 | 124 | 70-130 | 8/31/16 21:51 | |
| 4-Bromofluorobenzene | 95 | 70-130 | 8/31/16 21:51 | |
| Dibromofluoromethane | 117 | 70-130 | 8/31/16 21:51 | |
| Toluene-d8 | 97 | 70-130 | 8/31/16 21:51 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FW-20B-04-082616
Lab Code: J1606108-003

Service Request: J1606108
Date Collected: 8/26/16 0844
Date Received: 8/26/16

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution | Date | Date | Extraction | Analysis |
|--------------|--------|---|-----|------|----------|-----------|---------------|------------|----------|
| | | | | | Factor | Extracted | Analyzed | Lot | Lot |
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 22:15 | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 22:15 | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 22:15 | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 22:15 | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 22:15 | | 512376 |

| Surrogate Name | %Rec | Control | Date | Q |
|-----------------------|------|---------|---------------|---|
| | | Limits | Analyzed | |
| 1,2-Dichloroethane-d4 | 125 | 70-130 | 8/31/16 22:15 | |
| 4-Bromofluorobenzene | 94 | 70-130 | 8/31/16 22:15 | |
| Dibromofluoromethane | 118 | 70-130 | 8/31/16 22:15 | |
| Toluene-d8 | 95 | 70-130 | 8/31/16 22:15 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FB-10-082616
Lab Code: J1606108-004

Service Request: J1606108
Date Collected: 8/26/16 0921
Date Received: 8/26/16

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|--------|---|-----|------|-----------------|----------------|---------------|----------------|--------------|--------|
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:23 | | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:23 | | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 18:23 | | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 18:23 | | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 18:23 | | | 512376 |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 120 | 70-130 | 8/31/16 18:23 | |
| 4-Bromofluorobenzene | 95 | 70-130 | 8/31/16 18:23 | |
| Dibromofluoromethane | 115 | 70-130 | 8/31/16 18:23 | |
| Toluene-d8 | 95 | 70-130 | 8/31/16 18:23 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|----------|-----|------|-----------------|----------------|---------------|----------------|--------------|------|
| Benzene | 3.5 | 1.0 | 0.21 | 1 | NA | 9/1/16 01:20 | | 512376 | |
| Ethylbenzene | ND U | 1.0 | 0.21 | 1 | NA | 9/1/16 01:20 | | 512376 | |
| m,p-Xylenes | 1.4 I | 2.0 | 0.31 | 1 | NA | 9/1/16 01:20 | | 512376 | |
| o-Xylene | 0.41 I | 1.0 | 0.14 | 1 | NA | 9/1/16 01:20 | | 512376 | |
| Toluene | ND U | 1.0 | 0.19 | 1 | NA | 9/1/16 01:20 | | 512376 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 118 | 70-130 | 9/1/16 01:20 | |
| 4-Bromofluorobenzene | 92 | 70-130 | 9/1/16 01:20 | |
| Dibromofluoromethane | 110 | 70-130 | 9/1/16 01:20 | |
| Toluene-d8 | 95 | 70-130 | 9/1/16 01:20 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|--------|---|-----|------|-----------------|----------------|---------------|----------------|--------------|------|
| Benzene | 7.3 | | 1.0 | 0.21 | 1 | NA | 9/1/16 00:57 | | 512376 | |
| Ethylbenzene | 0.33 | I | 1.0 | 0.21 | 1 | NA | 9/1/16 00:57 | | 512376 | |
| m,p-Xylenes | 2.5 | | 2.0 | 0.31 | 1 | NA | 9/1/16 00:57 | | 512376 | |
| o-Xylene | 0.57 | I | 1.0 | 0.14 | 1 | NA | 9/1/16 00:57 | | 512376 | |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 9/1/16 00:57 | | 512376 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 118 | 70-130 | 9/1/16 00:57 | |
| 4-Bromofluorobenzene | 92 | 70-130 | 9/1/16 00:57 | |
| Dibromofluoromethane | 110 | 70-130 | 9/1/16 00:57 | |
| Toluene-d8 | 95 | 70-130 | 9/1/16 00:57 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-EB-10-082616
Lab Code: J1606108-007

Service Request: J1606108
Date Collected: 8/26/16 13:17
Date Received: 8/26/16
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS**Analytical Method:** 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|--------|---|-----|------|-----------------|----------------|---------------|----------------|--------------|--------|
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:46 | | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 18:46 | | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 18:46 | | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 18:46 | | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 18:46 | | | 512376 |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 121 | 70-130 | 8/31/16 18:46 | |
| 4-Bromofluorobenzene | 94 | 70-130 | 8/31/16 18:46 | |
| Dibromofluoromethane | 115 | 70-130 | 8/31/16 18:46 | |
| Toluene-d8 | 96 | 70-130 | 8/31/16 18:46 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water
Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Analysis Lot | Note |
|--------------|--------|---|-----|------|-----------------|----------------|---------------|----------------|--------------|--------|
| Benzene | 6.0 | | 1.0 | 0.21 | 1 | NA | 8/31/16 22:38 | | | 512376 |
| Ethylbenzene | 0.39 | I | 1.0 | 0.21 | 1 | NA | 8/31/16 22:38 | | | 512376 |
| m,p-Xylenes | 2.5 | | 2.0 | 0.31 | 1 | NA | 8/31/16 22:38 | | | 512376 |
| o-Xylene | 0.66 | I | 1.0 | 0.14 | 1 | NA | 8/31/16 22:38 | | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 22:38 | | | 512376 |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|-----------------------|------|----------------|---------------|---|
| 1,2-Dichloroethane-d4 | 123 | 70-130 | 8/31/16 22:38 | |
| 4-Bromofluorobenzene | 90 | 70-130 | 8/31/16 22:38 | |
| Dibromofluoromethane | 116 | 70-130 | 8/31/16 22:38 | |
| Toluene-d8 | 95 | 70-130 | 8/31/16 22:38 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

| | | | |
|-----------------------|---|-------------------------|----------|
| Client: | Beazer East, Inc. | Service Request: | J1606108 |
| Project: | Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16 | Date Collected: | NA |
| Sample Matrix: | Water | Date Received: | NA |
| Sample Name: | Method Blank | Units: | µg/L |
| Lab Code: | JQ1606597-07 | Basis: | NA |

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

| Analyte Name | Result | Q | MRL | MDL | Dilution | Date | Date | Extraction | Analysis |
|--------------|--------|---|-----|------|----------|-----------|---------------|------------|----------|
| | | | | | Factor | Extracted | Analyzed | Lot | Lot |
| Benzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 17:36 | | 512376 |
| Ethylbenzene | ND | U | 1.0 | 0.21 | 1 | NA | 8/31/16 17:36 | | 512376 |
| m,p-Xylenes | ND | U | 2.0 | 0.31 | 1 | NA | 8/31/16 17:36 | | 512376 |
| o-Xylene | ND | U | 1.0 | 0.14 | 1 | NA | 8/31/16 17:36 | | 512376 |
| Toluene | ND | U | 1.0 | 0.19 | 1 | NA | 8/31/16 17:36 | | 512376 |

| Surrogate Name | %Rec | Control | Date | Q |
|-----------------------|------|---------|---------------|---|
| | | Limits | Analyzed | |
| 1,2-Dichloroethane-d4 | 122 | 70-130 | 8/31/16 17:36 | |
| 4-Bromofluorobenzene | 93 | 70-130 | 8/31/16 17:36 | |
| Dibromofluoromethane | 113 | 70-130 | 8/31/16 17:36 | |
| Toluene-d8 | 95 | 70-130 | 8/31/16 17:36 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108

Surrogate Recovery Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260B**Units:** Percent

| Sample Name | Lab Code | Sur1 | Sur2 | Sur3 | Sur4 |
|--------------------------|-----------------|-------------|-------------|-------------|-------------|
| GAIN-TB-10-082616 | J1606108-001 | 121 | 94 | 113 | 95 |
| GAIN-FW-20B-03-082616 | J1606108-002 | 124 | 95 | 117 | 97 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 125 | 94 | 118 | 95 |
| GAIN-FB-10-082616 | J1606108-004 | 120 | 95 | 115 | 95 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 118 | 92 | 110 | 95 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 118 | 92 | 110 | 95 |
| GAIN-EB-10-082616 | J1606108-007 | 121 | 94 | 115 | 96 |
| GAIN-FW-99P-082616 | J1606108-008 | 123 | 90 | 116 | 95 |
| Method Blank | JQ1606597-07 | 122 | 93 | 113 | 95 |
| Lab Control Sample | JQ1606597-03 | 113 | 92 | 110 | 95 |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | 111 | 91 | 108 | 94 |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | 109 | 93 | 107 | 94 |

Surrogate Recovery Control Limits (%)

| | |
|------------------------------|----------|
| Sur1 = 1,2-Dichloroethane-d4 | 70 - 130 |
| Sur2 = 4-Bromofluorobenzene | 70 - 130 |
| Sur3 = Dibromofluoromethane | 70 - 130 |
| Sur4 = Toluene-d8 | 70 - 130 |

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

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

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 8/31/16 15:17

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

File ID: I:\MS55\DATA\160831\160831002.D\
Instrument ID: J-MS-55
Analytical Method: 8260B

Lab Code: JQ1606597-02
Analysis Lot: 512376
Signal ID:

| | 1,4-Dichlorobenzene-d4 | | Chlorobenzene-d5 | | Fluorobenzene | |
|---------------------------|------------------------|-----------|------------------|-----------|---------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| ICAL Result ==> | 391,404 | 12.81 | 444,614 | 10.93 | 1,076,130 | 7.85 |
| Upper Limit ==> | 782,808 | 13.81 | 889,228 | 11.93 | 2,152,260 | 8.85 |
| Lower Limit ==> | 195,702 | 11.81 | 222,307 | 9.93 | 538,065 | 6.85 |

Associated Analyses

| | | | | | | | |
|-------------------------------------|--------------|---------|-------|---------|-------|---------|------|
| Continuing Calibration Verification | JQ1606597-02 | 303,963 | 12.81 | 327,141 | 10.93 | 720,175 | 7.85 |
| Lab Control Sample | JQ1606597-03 | 289,196 | 12.81 | 313,283 | 10.93 | 690,092 | 7.85 |
| Method Blank | JQ1606597-07 | 244,782 | 12.81 | 298,769 | 10.93 | 667,259 | 7.85 |
| GAIN-TB-10-082616 | J1606108-001 | 239,915 | 12.81 | 299,143 | 10.93 | 671,508 | 7.85 |
| GAIN-FB-10-082616 | J1606108-004 | 239,168 | 12.81 | 296,695 | 10.93 | 666,772 | 7.85 |
| GAIN-EB-10-082616 | J1606108-007 | 244,289 | 12.81 | 302,970 | 10.93 | 685,739 | 7.85 |
| GAIN-FW-20B-03-082616 | J1606108-002 | 226,119 | 12.81 | 286,039 | 10.93 | 647,774 | 7.85 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 230,743 | 12.81 | 291,389 | 10.93 | 648,305 | 7.85 |
| GAIN-FW-99P-082616 | J1606108-008 | 254,437 | 12.81 | 289,081 | 10.93 | 649,406 | 7.85 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 275,294 | 12.81 | 313,251 | 10.93 | 706,285 | 7.85 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 278,565 | 12.81 | 320,273 | 10.93 | 714,325 | 7.85 |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | 313,703 | 12.81 | 339,852 | 10.93 | 752,334 | 7.85 |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | 316,373 | 12.81 | 342,528 | 10.93 | 763,741 | 7.85 |

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/1/16 02:53

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

File ID: I:\MS55\DATA\160831\160831032.D\
Instrument ID: J-MS-55
Analytical Method: 8260B

Lab Code: JQ1606597-06
Analysis Lot: 512376
Signal ID:

| | 1,4-Dichlorobenzene-d4 | | Chlorobenzene-d5 | | Fluorobenzene | |
|---------------------------|------------------------|-----------|------------------|-----------|---------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| ICAL Result ==> | 391,404 | 12.81 | 444,614 | 10.93 | 1,076,130 | 7.85 |
| Upper Limit ==> | 782,808 | 13.81 | 889,228 | 11.93 | 2,152,260 | 8.85 |
| Lower Limit ==> | 195,702 | 11.81 | 222,307 | 9.93 | 538,065 | 6.85 |

Associated Analyses

| | | | | | | | |
|-------------------------------------|--------------|---------|-------|---------|-------|---------|------|
| Continuing Calibration Verification | JQ1606597-06 | 318,477 | 12.81 | 343,599 | 10.93 | 762,049 | 7.85 |
|-------------------------------------|--------------|---------|-------|---------|-------|---------|------|

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16
Date Received: 8/26/16
Date Analyzed: 9/1/16

Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name: GAIN-FW-20B-02-082616 **Units:** µg/L
Lab Code: J1606108-005 **Basis:** NA

Analytical Method: 8260B

GAIN-FW-20B-02-082616MS GAIN-FW-20B-02-082616DMS

Matrix Spike
JQ1606597-04 **Duplicate Matrix Spike**
JQ1606597-05

| Analyte Name | Sample Result | Spike | | | Spike | | | % Rec Limits | RPD | RPD Limit |
|---------------------|----------------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------------|------------|------------------|
| | | Result | Amount | % Rec | Result | Amount | % Rec | | | |
| Benzene | 3.5 | 59.1 | 50.0 | 111 | 59.5 | 50.0 | 112 | 70 - 130 | <1 | 30 |
| Ethylbenzene | ND | 52.6 | 50.0 | 105 | 53.3 | 50.0 | 107 | 70 - 130 | 1 | 30 |
| m,p-Xylenes | 1.4 | 108 | 100 | 107 | 110 | 100 | 108 | 70 - 130 | 2 | 30 |
| o-Xylene | 0.41 | 51.7 | 50.0 | 103 | 53.3 | 50.0 | 106 | 70 - 130 | 3 | 30 |
| Toluene | ND | 51.7 | 50.0 | 103 | 52.4 | 50.0 | 105 | 70 - 130 | 1 | 30 |

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

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

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 8/31/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Units: µg/L
Basis: NA

Analysis Lot: 512376

Lab Control Sample
JQ1606597-03

| Analyte Name | Result | Spike | % Rec | % Rec Limits |
|---------------------|---------------|---------------|--------------|---------------------|
| | | Amount | | |
| Benzene | 55.8 | 50.0 | 112 | 70 - 130 |
| Ethylbenzene | 52.5 | 50.0 | 105 | 70 - 130 |
| m,p-Xylenes | 105 | 100 | 105 | 70 - 130 |
| o-Xylene | 50.4 | 50.0 | 101 | 70 - 130 |
| Toluene | 51.1 | 50.0 | 102 | 70 - 130 |

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.

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 8/31/16 17:36

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Instrument ID:** J-MS-55
Lab Code: JQ1606597-07 **File ID:** I:\MS55\DATA\160831\160831008.D\
Analytical Method: 8260B

This Method Blank applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|--------------------------|-----------------|----------------------------------|----------------------|
| Lab Control Sample | JQ1606597-03 | I:\MS55\DATA\160831\160831003.D\ | 8/31/16 15:40 |
| GAIN-TB-10-082616 | J1606108-001 | I:\MS55\DATA\160831\160831009.D\ | 8/31/16 18:00 |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS55\DATA\160831\160831010.D\ | 8/31/16 18:23 |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS55\DATA\160831\160831011.D\ | 8/31/16 18:46 |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS55\DATA\160831\160831019.D\ | 8/31/16 21:51 |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS55\DATA\160831\160831020.D\ | 8/31/16 22:15 |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS55\DATA\160831\160831021.D\ | 8/31/16 22:38 |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS55\DATA\160831\160831027.D\ | 9/1/16 00:57 |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS55\DATA\160831\160831028.D\ | 9/1/16 01:20 |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | I:\MS55\DATA\160831\160831029.D\ | 9/1/16 01:43 |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | I:\MS55\DATA\160831\160831030.D\ | 9/1/16 02:07 |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 8/31/16 15:40

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name: Lab Control Sample

Instrument ID: J-MS-55

Lab Code: JQ1606597-03

File ID: I:\MS55\DATA\160831\160831003.D\

Analytical Method: 8260B

This Lab Control Sample applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|--------------------------|-----------------|----------------------------------|----------------------|
| Method Blank | JQ1606597-07 | I:\MS55\DATA\160831\160831008.D\ | 8/31/16 17:36 |
| GAIN-TB-10-082616 | J1606108-001 | I:\MS55\DATA\160831\160831009.D\ | 8/31/16 18:00 |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS55\DATA\160831\160831010.D\ | 8/31/16 18:23 |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS55\DATA\160831\160831011.D\ | 8/31/16 18:46 |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS55\DATA\160831\160831019.D\ | 8/31/16 21:51 |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS55\DATA\160831\160831020.D\ | 8/31/16 22:15 |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS55\DATA\160831\160831021.D\ | 8/31/16 22:38 |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS55\DATA\160831\160831027.D\ | 9/1/16 00:57 |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS55\DATA\160831\160831028.D\ | 9/1/16 01:20 |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | I:\MS55\DATA\160831\160831029.D\ | 9/1/16 01:43 |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | I:\MS55\DATA\160831\160831030.D\ | 9/1/16 02:07 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:

Beazer East, Inc.

Project:

Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108**Date Analyzed:** 8/31/16 14:54

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\MS55\DATA\160831\160831001.D**Analytical Method:** 8260B**Instrument ID:** J-MS-55**Analysis Lot:** 512376

| Target Mass | Relative to Mass | Lower Limit% | Upper Limit% | Relative Abundance % | Raw Abundance | Result Pass/Fail |
|-------------|------------------|--------------|--------------|----------------------|---------------|------------------|
| 50 | 95 | 15 | 40 | 23.26 | 18267 | Pass |
| 75 | 95 | 30 | 60 | 50.46 | 39624 | Pass |
| 95 | 95 | 100 | 100 | 100.00 | 78520 | Pass |
| 96 | 95 | 5 | 9 | 6.24 | 4899 | Pass |
| 173 | 174 | 0.00 | 2 | 1.81 | 1234 | Pass |
| 174 | 95 | 50 | 100 | 86.66 | 68044 | Pass |
| 175 | 174 | 5 | 9 | 7.93 | 5398 | Pass |
| 176 | 174 | 95 | 101 | 95.79 | 65176 | Pass |
| 177 | 176 | 5 | 9 | 6.11 | 3985 | Pass |

| Sample Name | Lab Code | File ID | Date Analyzed | Q |
|-------------------------------------|--------------|----------------------------------|---------------|---|
| Continuing Calibration Verification | JQ1606597-02 | I:\MS55\DATA\160831\160831002.D\ | 8/31/16 15:17 | |
| Lab Control Sample | JQ1606597-03 | I:\MS55\DATA\160831\160831003.D\ | 8/31/16 15:40 | |
| Method Blank | JQ1606597-07 | I:\MS55\DATA\160831\160831008.D\ | 8/31/16 17:36 | |
| GAIN-TB-10-082616 | J1606108-001 | I:\MS55\DATA\160831\160831009.D\ | 8/31/16 18:00 | |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS55\DATA\160831\160831010.D\ | 8/31/16 18:23 | |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS55\DATA\160831\160831011.D\ | 8/31/16 18:46 | |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS55\DATA\160831\160831019.D\ | 8/31/16 21:51 | |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS55\DATA\160831\160831020.D\ | 8/31/16 22:15 | |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS55\DATA\160831\160831021.D\ | 8/31/16 22:38 | |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS55\DATA\160831\160831027.D\ | 9/1/16 00:57 | |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS55\DATA\160831\160831028.D\ | 9/1/16 01:20 | |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | I:\MS55\DATA\160831\160831029.D\ | 9/1/16 01:43 | |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | I:\MS55\DATA\160831\160831030.D\ | 9/1/16 02:07 | |
| Continuing Calibration Verification | JQ1606597-06 | I:\MS55\DATA\160831\160831032.D\ | 9/1/16 02:53 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/2/16

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: JC1600056
Instrument ID: J-MS-55

Signal ID: 1

| # | File Location | Acquisition Date | # | File Location | Acquisition Date |
|----|---------------------------------|------------------|----|---------------------------------|------------------|
| 01 | I:\MS55\DATA\160802\160802005.D | 8/2/16 15:34 | 02 | I:\MS55\DATA\160802\160802007.D | 8/2/16 16:29 |
| 03 | I:\MS55\DATA\160802\160802008.D | 8/2/16 16:52 | 09 | I:\MS55\DATA\160802\160802010.D | 8/2/16 17:41 |
| 04 | I:\MS55\DATA\160802\160802012.D | 8/2/16 18:27 | 05 | I:\MS55\DATA\160802\160802015.D | 8/2/16 19:37 |
| 06 | I:\MS55\DATA\160802\160802019.D | 8/2/16 21:15 | 07 | I:\MS55\DATA\160802\160802020.D | 8/2/16 21:38 |

Analyte

Benzene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 06 | 1.0000 | 1.262 | 01 | 5.0000 | 1.173 | 07 | 10.000 | 1.201 | 02 | 20.000 | 1.098 |
| 03 | 50.000 | 1.155 | 09 | 100.00 | 1.218 | 04 | 200.00 | 1.138 | 05 | 500.00 | 1.074 |

Ethylbenzene

| # | Amount | RF | # | Amount | RF | # | Amount | RF | # | Amount | RF |
|----|--------|--------|----|--------|-------|----|--------|-------|----|--------|--------|
| 06 | 1.0000 | 1.103 | 01 | 5.0000 | 1.015 | 07 | 10.000 | 1.057 | 02 | 20.000 | 0.9583 |
| 03 | 50.000 | 0.9920 | 09 | 100.00 | 1.044 | 04 | 200.00 | 1.000 | 05 | 500.00 | 0.9518 |

m,p-Xylenes

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 06 | 2.0000 | 1.388 | 01 | 10.000 | 1.236 | 07 | 20.000 | 1.251 | 02 | 40.000 | 1.163 |
| 03 | 100.00 | 1.204 | 09 | 200.00 | 1.269 | 04 | 400.00 | 1.193 | 05 | 1000.0 | 1.073 |

o-Xylene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 06 | 1.0000 | 1.313 | 01 | 5.0000 | 1.225 | 07 | 10.000 | 1.259 | 02 | 20.000 | 1.165 |
| 03 | 50.000 | 1.221 | 09 | 100.00 | 1.281 | 04 | 200.00 | 1.238 | 05 | 500.00 | 1.170 |

Toluene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 06 | 1.0000 | 1.876 | 01 | 5.0000 | 1.769 | 07 | 10.000 | 1.805 | 02 | 20.000 | 1.633 |
| 03 | 50.000 | 1.726 | 09 | 100.00 | 1.802 | 04 | 200.00 | 1.719 | 05 | 500.00 | 1.639 |

1,2-Dichloroethane-d4

| # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|--------|----|--------|--------|
| 04 | 50 | 0.3143 | 01 | 50 | 0.3165 | 03 | 50 | 0.3153 | 05 | 50 | 0.3127 |
| 02 | 50 | 0.3207 | 06 | 50 | 0.3319 | 09 | 50 | 0.3160 | 07 | 50 | 0.3239 |

4-Bromofluorobenzene

| # | Amount | RF | # | Amount | RF | # | Amount | RF | # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|-------|----|--------|--------|
| 02 | 50 | 0.9981 | 04 | 50 | 0.9897 | 03 | 50 | 1.001 | 01 | 50 | 1.010 |
| 07 | 50 | 1.014 | 09 | 50 | 0.9912 | 06 | 50 | 1.040 | 05 | 50 | 0.9500 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/2/16

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: JC1600056
Instrument ID: J-MS-55

Signal ID: 1

Analyte**Dibromofluoromethane**

| # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|--------|----|--------|--------|
| 02 | 50 | 0.2654 | 01 | 50 | 0.2628 | 09 | 50 | 0.2675 | 06 | 50 | 0.2638 |
| 05 | 50 | 0.2599 | 07 | 50 | 0.2660 | 04 | 50 | 0.2652 | 03 | 50 | 0.2674 |

Toluene-d8

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 02 | 50 | 2.369 | 09 | 50 | 2.344 | 03 | 50 | 2.371 | 04 | 50 | 2.378 |
| 05 | 50 | 2.395 | 01 | 50 | 2.391 | 07 | 50 | 2.355 | 06 | 50 | 2.379 |

| Analyte Name | Compound Type | Calibration Evaluation | | | | | RRF Evaluation | | |
|-----------------------|----------------------|-------------------------------|--------------|---------------------|----------|-------------------------|-----------------------|----------|--------------------|
| | | Fit Type | Eval. | Eval. Result | Q | Control Criteria | Average RRF | Q | Minimum RRF |
| Benzene | TRG | Average RF | % RSD | 5.3 | ≤ 15 | | 1.165 | | 0.01 |
| Ethylbenzene | TRG | Average RF | % RSD | 5.0 | ≤ 15 | | 1.015 | | 0.01 |
| m,p-Xylenes | TRG | Average RF | % RSD | 7.4 | ≤ 15 | | 1.222 | | 0.01 |
| o-Xylene | TRG | Average RF | % RSD | 4.1 | ≤ 15 | | 1.234 | | 0.01 |
| Toluene | TRG | Average RF | % RSD | 4.8 | ≤ 15 | | 1.746 | | 0.01 |
| 1,2-Dichloroethane-d4 | SURR | Average RF | % RSD | 2.0 | ≤ 15 | | 0.3189 | | 0.01 |
| 4-Bromofluorobenzene | SURR | Average RF | % RSD | 2.6 | ≤ 15 | | 0.9994 | | 0.01 |
| Dibromofluoromethane | SURR | Average RF | % RSD | 1.0 | ≤ 15 | | 0.2648 | | 0.01 |
| Toluene-d8 | SURR | Average RF | % RSD | 0.7 | ≤ 15 | | 2.373 | | 0.01 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/2/16

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: JC1600056
Instrument ID: J-MS-55

Signal ID: 1

| # | File Location | Acquisition Date |
|----|---------------------------------|------------------|
| 08 | I:\MS55\DATA\160802\160802024.D | 8/2/16 23:11 |

| Analyte Name | Expected | Result | Average RF | SSV RF | %D | Criteria | Curve Fit |
|-----------------------|----------|--------|------------|--------|-------|----------|------------|
| Benzene | 100 | 103 | 1.165 | 1.197 | 2.77 | ±20 | Average RF |
| Ethylbenzene | 100 | 100 | 1.015 | 1.020 | 0.43 | ±20 | Average RF |
| m,p-Xylenes | 200 | 204 | 1.222 | 1.246 | 1.96 | ±20 | Average RF |
| o-Xylene | 100 | 101 | 1.234 | 1.247 | 1.01 | ±20 | Average RF |
| Toluene | 100 | 101 | 1.746 | 1.762 | 0.92 | ±20 | Average RF |
| 1,2-Dichloroethane-d4 | 50.0 | 51.0 | 0.3189 | 0.3250 | 1.92 | ±20 | Average RF |
| 4-Bromofluorobenzene | 50.0 | 50.4 | 0.9994 | 1.007 | 0.75 | ±20 | Average RF |
| Dibromofluoromethane | 50.0 | 50.7 | 0.2648 | 0.2686 | 1.46 | ±20 | Average RF |
| Toluene-d8 | 50.0 | 49.7 | 2.373 | 2.359 | -0.58 | ±20 | Average RF |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 8/31/16

**Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS**

Analytical Method: 8260B

Calibration Date: 8/2/16
Calibration ID: JC1600056
Analysis Lot: 512376
Units: µg/L

File ID: I:\MS55\DATA\160831\160831002.D\

| Analyte Name | Expected | Result | Average | CCV | %D | %Drift | Criteria | Curve Fit |
|-----------------------|-----------------|---------------|----------------|------------|-----------|---------------|-----------------|------------------|
| | | | RF | RF | | | | |
| Benzene | 50.0 | 55.3 | 1.165 | 1.289 | 10.6 | NA | ± 20 % | Average RF |
| Ethylbenzene | 50.0 | 51.6 | 1.015 | 1.048 | 3.3 | NA | ± 20 % | Average RF |
| m,p-Xylenes | 100 | 104 | 1.222 | 1.270 | 3.9 | NA | ± 20 % | Average RF |
| o-Xylene | 50.0 | 49.3 | 1.234 | 1.217 | -1.4 | NA | ± 20 % | Average RF |
| Toluene | 50.0 | 50.8 | 1.746 | 1.775 | 1.7 | NA | ± 20 % | Average RF |
| 1,2-Dichloroethane-d4 | 50.0 | 57.9 | 0.3189 | 0.3695 | 15.8 | NA | ± 30 % | Average RF |
| 4-Bromofluorobenzene | 50.0 | 44.6 | 0.9994 | 0.8913 | -10.8 | NA | ± 30 % | Average RF |
| Dibromofluoromethane | 50.0 | 55.6 | 0.2648 | 0.2942 | 11.1 | NA | ± 30 % | Average RF |
| Toluene-d8 | 50.0 | 47.3 | 2.373 | 2.246 | -5.3 | NA | ± 30 % | Average RF |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/1/16

**Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS**

Analytical Method: 8260B

Calibration Date: 8/2/16
Calibration ID: JC1600056
Analysis Lot: 512376
Units: µg/L

File ID: I:\MS55\DATA\160831\160831032.D\

| Analyte Name | Expected | Result | Average RF | CCV RF | %D | %Drift | Criteria | Curve Fit |
|-----------------------|----------|--------|------------|--------|------|--------|----------|------------|
| Benzene | 50.0 | 53.9 | 1.165 | 1.255 | 7.8 | NA | ± 20 % | Average RF |
| Ethylbenzene | 50.0 | 51.0 | 1.015 | 1.035 | 2.0 | NA | ± 20 % | Average RF |
| m,p-Xylenes | 100 | 103 | 1.222 | 1.254 | 2.6 | NA | ± 20 % | Average RF |
| o-Xylene | 50.0 | 49.8 | 1.234 | 1.228 | -0.5 | NA | ± 20 % | Average RF |
| Toluene | 50.0 | 50.3 | 1.746 | 1.756 | 0.6 | NA | ± 20 % | Average RF |
| 1,2-Dichloroethane-d4 | 50.0 | 55.3 | 0.3189 | 0.3529 | 10.7 | NA | ± 30 % | Average RF |
| 4-Bromofluorobenzene | 50.0 | 46.1 | 0.9994 | 0.9223 | -7.7 | NA | ± 30 % | Average RF |
| Dibromofluoromethane | 50.0 | 53.9 | 0.2648 | 0.2855 | 7.8 | NA | ± 30 % | Average RF |
| Toluene-d8 | 50.0 | 47.6 | 2.373 | 2.257 | -4.9 | NA | ± 30 % | Average RF |

Client:

Beazer East, Inc.

Project:

Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analysis Lot: 512376

Instrument ID: J-MS-55

| Raw Data File | Sample Name | Lab Code | Date Analyzed | Time Analyzed | Q |
|---------------|-------------------------------------|--------------|---------------|---------------|---|
| 160831001.D\ | Tune (Ion Ratios) | JQ1606597-01 | 8/31/16 | 14:54 | |
| 160831002.D\ | Continuing Calibration Verification | JQ1606597-02 | 8/31/16 | 15:17 | |
| 160831003.D\ | Lab Control Sample | JQ1606597-03 | 8/31/16 | 15:40 | |
| 160831008.D\ | Method Blank | JQ1606597-07 | 8/31/16 | 17:36 | |
| 160831009.D\ | GAIN-TB-10-082616 | J1606108-001 | 8/31/16 | 18:00 | |
| 160831010.D\ | GAIN-FB-10-082616 | J1606108-004 | 8/31/16 | 18:23 | |
| 160831011.D\ | GAIN-EB-10-082616 | J1606108-007 | 8/31/16 | 18:46 | |
| 160831012.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 19:09 | |
| 160831013.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 19:32 | |
| 160831014.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 19:56 | |
| 160831015.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 20:19 | |
| 160831016.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 20:42 | |
| 160831017.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 21:05 | |
| 160831018.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 21:28 | |
| 160831019.D\ | GAIN-FW-20B-03-082616 | J1606108-002 | 8/31/16 | 21:51 | |
| 160831020.D\ | GAIN-FW-20B-04-082616 | J1606108-003 | 8/31/16 | 22:15 | |
| 160831021.D\ | GAIN-FW-99P-082616 | J1606108-008 | 8/31/16 | 22:38 | |
| 160831022.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 23:01 | |
| 160831023.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 23:24 | |
| 160831024.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 23:48 | |
| 160831025.D\ | ZZZZZZZ | ZZZZZZZ | 9/1/16 | 00:11 | |
| 160831026.D\ | ZZZZZZZ | ZZZZZZZ | 9/1/16 | 00:34 | |
| 160831027.D\ | GAIN-FW-20B-01-082616 | J1606108-006 | 9/1/16 | 00:57 | |
| 160831028.D\ | GAIN-FW-20B-02-082616 | J1606108-005 | 9/1/16 | 01:20 | |
| 160831029.D\ | GAIN-FW-20B-02-082616MS | JQ1606597-04 | 9/1/16 | 01:43 | |
| 160831030.D\ | GAIN-FW-20B-02-082616DMS | JQ1606597-05 | 9/1/16 | 02:07 | |
| 160831032.D\ | Continuing Calibration Verification | JQ1606597-06 | 9/1/16 | 02:53 | |

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

ALS Group USA, Corp. dba ALS Environmental

Prep Summary Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108**Volatile Organic Compounds by GC/MS**

Prep Method: NA
Analytical Method: 8260B

Extraction Lot: NA

| Sample Name | Lab Code | Date Collected | Date Received | Sample Amount | Final Amount | Percent Solids |
|--------------------------|--------------|----------------|---------------|---------------|--------------|----------------|
| GAIN-TB-10-082616 | J1606108-001 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-20B-03-082616 | J1606108-002 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-20B-04-082616 | J1606108-003 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FB-10-082616 | J1606108-004 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-20B-02-082616 | J1606108-005 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-20B-01-082616 | J1606108-006 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-EB-10-082616 | J1606108-007 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-99P-082616 | J1606108-008 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| Method Blank | JQ1606597-07 | | | 5 mL | 5 mL | |
| Lab Control Sample | JQ1606597-03 | | | 5 mL | 5 mL | |
| GAIN-FW-20B-02-082616MS | JQ1606597-04 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |
| GAIN-FW-20B-02-082616DMS | JQ1606597-05 | 8/26/16 | 8/26/16 | 5 mL | 5 mL | |

Organics Analysis: Semivolatile Organic Compounds by GC/MS

Summary Package

Sample and QC Results

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108**Semivolatile Organic Compounds by GC/MS**

| Sample Name | Lab Code | Date Collected | Date Received |
|-----------------------|-----------------|-----------------------|----------------------|
| GAIN-FW-20B-03-082616 | J1606108-002 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 08/26/2016 | 08/26/2016 |
| GAIN-FB-10-082616 | J1606108-004 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 08/26/2016 | 08/26/2016 |
| GAIN-EB-10-082616 | J1606108-007 | 08/26/2016 | 08/26/2016 |
| GAIN-FW-99P-082616 | J1606108-008 | 08/26/2016 | 08/26/2016 |

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: _____

Date: _____

Title: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 18:37

Sample Name: GAIN-FW-20B-03-082616
Lab Code: J1606108-002

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-017.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.06 | 5.06 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.06 | 5.06 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.06 | 5.06 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.06 | 5.06 | |
| 83-32-9 | Acenaphthene | ND U | 5.06 | 5.06 | |
| 208-96-8 | Acenaphthylene | ND U | 5.06 | 5.06 | |
| 120-12-7 | Anthracene | ND U | 5.06 | 5.06 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.06 | 5.06 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.06 | 5.06 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.06 | 5.06 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.06 | 5.06 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.06 | 5.06 | |
| 86-74-8 | Carbazole | ND U | 5.05 | 1.82 | |
| 218-01-9 | Chrysene | ND U | 5.06 | 5.06 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.06 | 5.06 | |
| 132-64-9 | Dibenzofuran | ND U | 5.06 | 5.06 | |
| 206-44-0 | Fluoranthene | ND U | 5.06 | 5.06 | |
| 86-73-7 | Fluorene | ND U | 5.06 | 5.06 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.06 | 5.06 | |
| 91-20-3 | Naphthalene | ND U | 5.06 | 5.06 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.2 | 1.12 | |
| 85-01-8 | Phenanthrene | ND U | 5.06 | 5.06 | |
| 108-95-2 | Phenol | ND U | 5.06 | 5.06 | |
| 129-00-0 | Pyrene | ND U | 5.06 | 5.06 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 18:37

Sample Name: GAIN-FW-20B-03-082616
Lab Code: J1606108-002

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-017.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 74 | 30-150 | 9/6/16 18:37 | |
| Phenol-d6 | 35 | 20-130 | 9/6/16 18:37 | |
| Nitrobenzene-d5 | 58 | 30-150 | 9/6/16 18:37 | |
| 2-Fluorophenol | 40 | 20-130 | 9/6/16 18:37 | |
| 2-Fluorobiphenyl | 46 | 30-150 | 9/6/16 18:37 | |
| p-Terphenyl-d14 | 74 | 30-150 | 9/6/16 18:37 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 14:52

Sample Name: GAIN-FW-20B-03-082616
Lab Code: J1606108-002
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-016.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result | Q | MRL | MDL | Note |
|----------|---------------------------------|--------|---|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND | U | 5.00 | 5.00 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND | U | 5.00 | 5.00 | Q |
| 95-48-7 | 2-Methylphenol | ND | U | 5.00 | 5.00 | Q |
| | 3- and 4-Methylphenol Coelution | ND | U | 5.00 | 5.00 | Q |
| 83-32-9 | Acenaphthene | ND | U | 5.00 | 5.00 | Q |
| 208-96-8 | Acenaphthylene | ND | U | 5.00 | 5.00 | Q |
| 120-12-7 | Anthracene | ND | U | 5.00 | 5.00 | Q |
| 56-55-3 | Benz(a)anthracene | ND | U | 5.00 | 5.00 | Q |
| 50-32-8 | Benzo(a)pyrene | ND | U | 5.00 | 5.00 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND | U | 5.00 | 5.00 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 86-74-8 | Carbazole | ND | U | 5.00 | 1.80 | Q |
| 218-01-9 | Chrysene | ND | U | 5.00 | 5.00 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND | U | 5.00 | 5.00 | Q |
| 132-64-9 | Dibenzofuran | ND | U | 5.00 | 5.00 | Q |
| 206-44-0 | Fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 86-73-7 | Fluorene | ND | U | 5.00 | 5.00 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | U | 5.00 | 5.00 | Q |
| 91-20-3 | Naphthalene | ND | U | 5.00 | 5.00 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND | U | 20.0 | 1.10 | Q |
| 85-01-8 | Phenanthrene | ND | U | 5.00 | 5.00 | Q |
| 108-95-2 | Phenol | ND | U | 5.00 | 5.00 | Q |
| 129-00-0 | Pyrene | ND | U | 5.00 | 5.00 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0800
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 14:52

Sample Name: GAIN-FW-20B-03-082616
Lab Code: J1606108-002
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-016.D\
Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 60 | 30-150 | 9/12/16 14:52 | |
| Phenol-d6 | 28 | 20-130 | 9/12/16 14:52 | |
| Nitrobenzene-d5 | 56 | 30-150 | 9/12/16 14:52 | |
| 2-Fluorophenol | 36 | 20-130 | 9/12/16 14:52 | |
| 2-Fluorobiphenyl | 50 | 30-150 | 9/12/16 14:52 | |
| p-Terphenyl-d14 | 77 | 30-150 | 9/12/16 14:52 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0844
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 19:04

Sample Name: GAIN-FW-20B-04-082616
Lab Code: J1606108-003

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-018.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.00 | 5.00 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.00 | 5.00 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.00 | 5.00 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.00 | 5.00 | |
| 83-32-9 | Acenaphthene | ND U | 5.00 | 5.00 | |
| 208-96-8 | Acenaphthylene | ND U | 5.00 | 5.00 | |
| 120-12-7 | Anthracene | ND U | 5.00 | 5.00 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.00 | 5.00 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.00 | 5.00 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.00 | 5.00 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.00 | 5.00 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.00 | 5.00 | |
| 86-74-8 | Carbazole | ND U | 5.00 | 1.80 | |
| 218-01-9 | Chrysene | ND U | 5.00 | 5.00 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.00 | 5.00 | |
| 132-64-9 | Dibenzofuran | ND U | 5.00 | 5.00 | |
| 206-44-0 | Fluoranthene | ND U | 5.00 | 5.00 | |
| 86-73-7 | Fluorene | ND U | 5.00 | 5.00 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.00 | 5.00 | |
| 91-20-3 | Naphthalene | ND U | 5.00 | 5.00 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.0 | 1.10 | |
| 85-01-8 | Phenanthrene | ND U | 5.00 | 5.00 | |
| 108-95-2 | Phenol | ND U | 5.00 | 5.00 | |
| 129-00-0 | Pyrene | ND U | 5.00 | 5.00 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0844
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 19:04

Sample Name: GAIN-FW-20B-04-082616
Lab Code: J1606108-003

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-018.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 52 | 30-150 | 9/6/16 19:04 | |
| Phenol-d6 | 33 | 20-130 | 9/6/16 19:04 | |
| Nitrobenzene-d5 | 57 | 30-150 | 9/6/16 19:04 | |
| 2-Fluorophenol | 40 | 20-130 | 9/6/16 19:04 | |
| 2-Fluorobiphenyl | 46 | 30-150 | 9/6/16 19:04 | |
| p-Terphenyl-d14 | 72 | 30-150 | 9/6/16 19:04 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0844
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 15:22

Sample Name: GAIN-FW-20B-04-082616
Lab Code: J1606108-003
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-017.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result | Q | MRL | MDL | Note |
|----------|---------------------------------|--------|---|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND | U | 5.00 | 5.00 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND | U | 5.00 | 5.00 | Q |
| 95-48-7 | 2-Methylphenol | ND | U | 5.00 | 5.00 | Q |
| | 3- and 4-Methylphenol Coelution | ND | U | 5.00 | 5.00 | Q |
| 83-32-9 | Acenaphthene | ND | U | 5.00 | 5.00 | Q |
| 208-96-8 | Acenaphthylene | ND | U | 5.00 | 5.00 | Q |
| 120-12-7 | Anthracene | ND | U | 5.00 | 5.00 | Q |
| 56-55-3 | Benz(a)anthracene | ND | U | 5.00 | 5.00 | Q |
| 50-32-8 | Benzo(a)pyrene | ND | U | 5.00 | 5.00 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND | U | 5.00 | 5.00 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 86-74-8 | Carbazole | ND | U | 5.00 | 1.80 | Q |
| 218-01-9 | Chrysene | ND | U | 5.00 | 5.00 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND | U | 5.00 | 5.00 | Q |
| 132-64-9 | Dibenzofuran | ND | U | 5.00 | 5.00 | Q |
| 206-44-0 | Fluoranthene | ND | U | 5.00 | 5.00 | Q |
| 86-73-7 | Fluorene | ND | U | 5.00 | 5.00 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | U | 5.00 | 5.00 | Q |
| 91-20-3 | Naphthalene | ND | U | 5.00 | 5.00 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND | U | 20.0 | 1.10 | Q |
| 85-01-8 | Phenanthrene | ND | U | 5.00 | 5.00 | Q |
| 108-95-2 | Phenol | ND | U | 5.00 | 5.00 | Q |
| 129-00-0 | Pyrene | ND | U | 5.00 | 5.00 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0844
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 15:22

Sample Name: GAIN-FW-20B-04-082616
Lab Code: J1606108-003
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-017.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 55 | 30-150 | 9/12/16 15:22 | |
| Phenol-d6 | 32 | 20-130 | 9/12/16 15:22 | |
| Nitrobenzene-d5 | 66 | 30-150 | 9/12/16 15:22 | |
| 2-Fluorophenol | 42 | 20-130 | 9/12/16 15:22 | |
| 2-Fluorobiphenyl | 60 | 30-150 | 9/12/16 15:22 | |
| p-Terphenyl-d14 | 82 | 30-150 | 9/12/16 15:22 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0921
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 19:32

Sample Name: GAIN-FB-10-082616
Lab Code: J1606108-004

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-019.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.16 | 5.16 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.16 | 5.16 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.16 | 5.16 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.16 | 5.16 | |
| 83-32-9 | Acenaphthene | ND U | 5.16 | 5.16 | |
| 208-96-8 | Acenaphthylene | ND U | 5.16 | 5.16 | |
| 120-12-7 | Anthracene | ND U | 5.16 | 5.16 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.16 | 5.16 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.16 | 5.16 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.16 | 5.16 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.16 | 5.16 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.16 | 5.16 | |
| 86-74-8 | Carbazole | ND U | 5.15 | 1.86 | |
| 218-01-9 | Chrysene | ND U | 5.16 | 5.16 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.16 | 5.16 | |
| 132-64-9 | Dibenzofuran | ND U | 5.16 | 5.16 | |
| 206-44-0 | Fluoranthene | ND U | 5.16 | 5.16 | |
| 86-73-7 | Fluorene | ND U | 5.16 | 5.16 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.16 | 5.16 | |
| 91-20-3 | Naphthalene | ND U | 5.16 | 5.16 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.6 | 1.14 | |
| 85-01-8 | Phenanthrene | ND U | 5.16 | 5.16 | |
| 108-95-2 | Phenol | ND U | 5.16 | 5.16 | |
| 129-00-0 | Pyrene | ND U | 5.16 | 5.16 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0921
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 19:32

Sample Name: GAIN-FB-10-082616
Lab Code: J1606108-004

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-019.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 52 | 30-150 | 9/6/16 19:32 | |
| Phenol-d6 | 33 | 20-130 | 9/6/16 19:32 | |
| Nitrobenzene-d5 | 65 | 30-150 | 9/6/16 19:32 | |
| 2-Fluorophenol | 45 | 20-130 | 9/6/16 19:32 | |
| 2-Fluorobiphenyl | 47 | 30-150 | 9/6/16 19:32 | |
| p-Terphenyl-d14 | 72 | 30-150 | 9/6/16 19:32 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0921
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 15:53

Sample Name: GAIN-FB-10-082616
Lab Code: J1606108-004
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-018.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result | Q | MRL | MDL | Note |
|----------|---------------------------------|--------|---|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND | U | 5.11 | 5.11 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND | U | 5.11 | 5.11 | Q |
| 95-48-7 | 2-Methylphenol | ND | U | 5.11 | 5.11 | Q |
| | 3- and 4-Methylphenol Coelution | ND | U | 5.11 | 5.11 | Q |
| 83-32-9 | Acenaphthene | ND | U | 5.11 | 5.11 | Q |
| 208-96-8 | Acenaphthylene | ND | U | 5.11 | 5.11 | Q |
| 120-12-7 | Anthracene | ND | U | 5.11 | 5.11 | Q |
| 56-55-3 | Benz(a)anthracene | ND | U | 5.11 | 5.11 | Q |
| 50-32-8 | Benzo(a)pyrene | ND | U | 5.11 | 5.11 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND | U | 5.11 | 5.11 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 86-74-8 | Carbazole | ND | U | 5.10 | 1.84 | Q |
| 218-01-9 | Chrysene | ND | U | 5.11 | 5.11 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND | U | 5.11 | 5.11 | Q |
| 132-64-9 | Dibenzofuran | ND | U | 5.11 | 5.11 | Q |
| 206-44-0 | Fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 86-73-7 | Fluorene | ND | U | 5.11 | 5.11 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | U | 5.11 | 5.11 | Q |
| 91-20-3 | Naphthalene | ND | U | 5.11 | 5.11 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND | U | 20.4 | 1.13 | Q |
| 85-01-8 | Phenanthrene | ND | U | 5.11 | 5.11 | Q |
| 108-95-2 | Phenol | ND | U | 5.11 | 5.11 | Q |
| 129-00-0 | Pyrene | ND | U | 5.11 | 5.11 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0921
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 15:53

Sample Name: GAIN-FB-10-082616
Lab Code: J1606108-004
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-018.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 56 | 30-150 | 9/12/16 15:53 | |
| Phenol-d6 | 44 | 20-130 | 9/12/16 15:53 | |
| Nitrobenzene-d5 | 71 | 30-150 | 9/12/16 15:53 | |
| 2-Fluorophenol | 52 | 20-130 | 9/12/16 15:53 | |
| 2-Fluorobiphenyl | 63 | 30-150 | 9/12/16 15:53 | |
| p-Terphenyl-d14 | 80 | 30-150 | 9/12/16 15:53 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 20:00

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-020.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|--------------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.06 | 5.06 | |
| 91-57-6 | 2-Methylnaphthalene | 32.1 | 5.06 | 5.06 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.06 | 5.06 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.06 | 5.06 | |
| 83-32-9 | Acenaphthene | 60.4 | 5.06 | 5.06 | |
| 208-96-8 | Acenaphthylene | ND U | 5.06 | 5.06 | |
| 120-12-7 | Anthracene | ND U | 5.06 | 5.06 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.06 | 5.06 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.06 | 5.06 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.06 | 5.06 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.06 | 5.06 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.06 | 5.06 | |
| 86-74-8 | Carbazole | 8.15 | 5.05 | 1.82 | |
| 218-01-9 | Chrysene | ND U | 5.06 | 5.06 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.06 | 5.06 | |
| 132-64-9 | Dibenzofuran | 26.1 | 5.06 | 5.06 | |
| 206-44-0 | Fluoranthene | ND U | 5.06 | 5.06 | |
| 86-73-7 | Fluorene | 28.4 | 5.06 | 5.06 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.06 | 5.06 | |
| 91-20-3 | Naphthalene | 302 L | 5.06 | 5.06 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.2 | 1.12 | |
| 85-01-8 | Phenanthrene | 22.4 | 5.06 | 5.06 | |
| 108-95-2 | Phenol | ND U | 5.06 | 5.06 | |
| 129-00-0 | Pyrene | ND U | 5.06 | 5.06 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 20:00

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-020.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 81 | 30-150 | 9/6/16 20:00 | |
| Phenol-d6 | 39 | 20-130 | 9/6/16 20:00 | |
| Nitrobenzene-d5 | 71 | 30-150 | 9/6/16 20:00 | |
| 2-Fluorophenol | 51 | 20-130 | 9/6/16 20:00 | |
| 2-Fluorobiphenyl | 54 | 30-150 | 9/6/16 20:00 | |
| p-Terphenyl-d14 | 74 | 30-150 | 9/6/16 20:00 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 08:28

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005
Run Type: Dilution

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-054.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 50.6 | 50.6 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 50.6 | 50.6 | |
| 95-48-7 | 2-Methylphenol | ND U | 50.6 | 50.6 | |
| | 3- and 4-Methylphenol Coelution | ND U | 50.6 | 50.6 | |
| 83-32-9 | Acenaphthene | 66.7 | 50.6 | 50.6 | |
| 208-96-8 | Acenaphthylene | ND U | 50.6 | 50.6 | |
| 120-12-7 | Anthracene | ND U | 50.6 | 50.6 | |
| 56-55-3 | Benz(a)anthracene | ND U | 50.6 | 50.6 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 50.6 | 50.6 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 50.6 | 50.6 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 50.6 | 50.6 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 50.6 | 50.6 | |
| 86-74-8 | Carbazole | ND U | 50.5 | 18.2 | |
| 218-01-9 | Chrysene | ND U | 50.6 | 50.6 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 50.6 | 50.6 | |
| 132-64-9 | Dibenzofuran | ND U | 50.6 | 50.6 | |
| 206-44-0 | Fluoranthene | ND U | 50.6 | 50.6 | |
| 86-73-7 | Fluorene | ND U | 50.6 | 50.6 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 50.6 | 50.6 | |
| 91-20-3 | Naphthalene | 787 | 50.6 | 50.6 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 202 | 11.2 | |
| 85-01-8 | Phenanthrene | ND U | 50.6 | 50.6 | |
| 108-95-2 | Phenol | ND U | 50.6 | 50.6 | |
| 129-00-0 | Pyrene | ND U | 50.6 | 50.6 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 08:28

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005
Run Type: Dilution

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-054.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 106 | 30-150 | 9/13/16 08:28 | |
| Phenol-d6 | 37 | 20-130 | 9/13/16 08:28 | |
| Nitrobenzene-d5 | 72 | 30-150 | 9/13/16 08:28 | |
| 2-Fluorophenol | 51 | 20-130 | 9/13/16 08:28 | |
| 2-Fluorobiphenyl | 70 | 30-150 | 9/13/16 08:28 | |
| p-Terphenyl-d14 | 65 | 30-150 | 9/13/16 08:28 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 16:22

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-019.D\
Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 10

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|-------------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 51.1 | 51.1 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND U | 51.1 | 51.1 | Q |
| 95-48-7 | 2-Methylphenol | ND U | 51.1 | 51.1 | Q |
| | 3- and 4-Methylphenol Coelution | ND U | 51.1 | 51.1 | Q |
| 83-32-9 | Acenaphthene | 51.3 | 51.1 | 51.1 | Q |
| 208-96-8 | Acenaphthylene | ND U | 51.1 | 51.1 | Q |
| 120-12-7 | Anthracene | ND U | 51.1 | 51.1 | Q |
| 56-55-3 | Benz(a)anthracene | ND U | 51.1 | 51.1 | Q |
| 50-32-8 | Benzo(a)pyrene | ND U | 51.1 | 51.1 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 51.1 | 51.1 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 51.1 | 51.1 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 51.1 | 51.1 | Q |
| 86-74-8 | Carbazole | ND U | 51.0 | 18.4 | Q |
| 218-01-9 | Chrysene | ND U | 51.1 | 51.1 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 51.1 | 51.1 | Q |
| 132-64-9 | Dibenzofuran | ND U | 51.1 | 51.1 | Q |
| 206-44-0 | Fluoranthene | ND U | 51.1 | 51.1 | Q |
| 86-73-7 | Fluorene | ND U | 51.1 | 51.1 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 51.1 | 51.1 | Q |
| 91-20-3 | Naphthalene | 544 | 51.1 | 51.1 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 204 | 11.3 | Q |
| 85-01-8 | Phenanthrene | ND U | 51.1 | 51.1 | Q |
| 108-95-2 | Phenol | ND U | 51.1 | 51.1 | Q |
| 129-00-0 | Pyrene | ND U | 51.1 | 51.1 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 0938
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 16:22

Sample Name: GAIN-FW-20B-02-082616
Lab Code: J1606108-005
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-019.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 101 | 30-150 | 9/12/16 16:22 | |
| Phenol-d6 | 28 | 20-130 | 9/12/16 16:22 | |
| Nitrobenzene-d5 | 54 | 30-150 | 9/12/16 16:22 | |
| 2-Fluorophenol | 37 | 20-130 | 9/12/16 16:22 | |
| 2-Fluorobiphenyl | 57 | 30-150 | 9/12/16 16:22 | |
| p-Terphenyl-d14 | 60 | 30-150 | 9/12/16 16:22 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 21:22

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-023.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|--------------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.11 | 5.11 | |
| 91-57-6 | 2-Methylnaphthalene | 40.6 | 5.11 | 5.11 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.11 | 5.11 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.11 | 5.11 | |
| 83-32-9 | Acenaphthene | 50.4 | 5.11 | 5.11 | |
| 208-96-8 | Acenaphthylene | ND U | 5.11 | 5.11 | |
| 120-12-7 | Anthracene | ND U | 5.11 | 5.11 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.11 | 5.11 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.11 | 5.11 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.11 | 5.11 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.11 | 5.11 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.11 | 5.11 | |
| 86-74-8 | Carbazole | 6.90 | 5.10 | 1.84 | |
| 218-01-9 | Chrysene | ND U | 5.11 | 5.11 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.11 | 5.11 | |
| 132-64-9 | Dibenzofuran | 23.3 | 5.11 | 5.11 | |
| 206-44-0 | Fluoranthene | ND U | 5.11 | 5.11 | |
| 86-73-7 | Fluorene | 28.5 | 5.11 | 5.11 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.11 | 5.11 | |
| 91-20-3 | Naphthalene | 314 L | 5.11 | 5.11 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.4 | 1.13 | |
| 85-01-8 | Phenanthrene | 28.1 | 5.11 | 5.11 | |
| 108-95-2 | Phenol | ND U | 5.11 | 5.11 | |
| 129-00-0 | Pyrene | ND U | 5.11 | 5.11 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 21:22

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-023.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 89 | 30-150 | 9/6/16 21:22 | |
| Phenol-d6 | 39 | 20-130 | 9/6/16 21:22 | |
| Nitrobenzene-d5 | 70 | 30-150 | 9/6/16 21:22 | |
| 2-Fluorophenol | 49 | 20-130 | 9/6/16 21:22 | |
| 2-Fluorobiphenyl | 50 | 30-150 | 9/6/16 21:22 | |
| p-Terphenyl-d14 | 70 | 30-150 | 9/6/16 21:22 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 09:06

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006
Run Type: Dilution

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-055.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|-------------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 51.1 | 51.1 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 51.1 | 51.1 | |
| 95-48-7 | 2-Methylphenol | ND U | 51.1 | 51.1 | |
| | 3- and 4-Methylphenol Coelution | ND U | 51.1 | 51.1 | |
| 83-32-9 | Acenaphthene | 53.5 | 51.1 | 51.1 | |
| 208-96-8 | Acenaphthylene | ND U | 51.1 | 51.1 | |
| 120-12-7 | Anthracene | ND U | 51.1 | 51.1 | |
| 56-55-3 | Benz(a)anthracene | ND U | 51.1 | 51.1 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 51.1 | 51.1 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 51.1 | 51.1 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 51.1 | 51.1 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 51.1 | 51.1 | |
| 86-74-8 | Carbazole | ND U | 51.0 | 18.4 | |
| 218-01-9 | Chrysene | ND U | 51.1 | 51.1 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 51.1 | 51.1 | |
| 132-64-9 | Dibenzofuran | ND U | 51.1 | 51.1 | |
| 206-44-0 | Fluoranthene | ND U | 51.1 | 51.1 | |
| 86-73-7 | Fluorene | ND U | 51.1 | 51.1 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 51.1 | 51.1 | |
| 91-20-3 | Naphthalene | 941 | 51.1 | 51.1 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 204 | 11.3 | |
| 85-01-8 | Phenanthrene | ND U | 51.1 | 51.1 | |
| 108-95-2 | Phenol | ND U | 51.1 | 51.1 | |
| 129-00-0 | Pyrene | ND U | 51.1 | 51.1 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 09:06

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006
Run Type: Dilution

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-055.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 0 * | 30-150 | 9/13/16 09:06 | |
| Phenol-d6 | 35 | 20-130 | 9/13/16 09:06 | |
| Nitrobenzene-d5 | 60 | 30-150 | 9/13/16 09:06 | |
| 2-Fluorophenol | 48 | 20-130 | 9/13/16 09:06 | |
| 2-Fluorobiphenyl | 61 | 30-150 | 9/13/16 09:06 | |
| p-Terphenyl-d14 | 70 | 30-150 | 9/13/16 09:06 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1232
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 16:51

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-020.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 10

| CAS No. | Analyte Name | Result | Q | MRL | MDL | Note |
|----------|---------------------------------|--------|---|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND | U | 52.7 | 52.7 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND | U | 52.7 | 52.7 | Q |
| 95-48-7 | 2-Methylphenol | ND | U | 52.7 | 52.7 | Q |
| | 3- and 4-Methylphenol Coelution | ND | U | 52.7 | 52.7 | Q |
| 83-32-9 | Acenaphthene | ND | U | 52.7 | 52.7 | Q |
| 208-96-8 | Acenaphthylene | ND | U | 52.7 | 52.7 | Q |
| 120-12-7 | Anthracene | ND | U | 52.7 | 52.7 | Q |
| 56-55-3 | Benz(a)anthracene | ND | U | 52.7 | 52.7 | Q |
| 50-32-8 | Benzo(a)pyrene | ND | U | 52.7 | 52.7 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND | U | 52.7 | 52.7 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND | U | 52.7 | 52.7 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND | U | 52.7 | 52.7 | Q |
| 86-74-8 | Carbazole | ND | U | 52.6 | 19.0 | Q |
| 218-01-9 | Chrysene | ND | U | 52.7 | 52.7 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND | U | 52.7 | 52.7 | Q |
| 132-64-9 | Dibenzofuran | ND | U | 52.7 | 52.7 | Q |
| 206-44-0 | Fluoranthene | ND | U | 52.7 | 52.7 | Q |
| 86-73-7 | Fluorene | ND | U | 52.7 | 52.7 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | U | 52.7 | 52.7 | Q |
| 91-20-3 | Naphthalene | 661 | | 52.7 | 52.7 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND | U | 211 | 11.6 | Q |
| 85-01-8 | Phenanthrene | ND | U | 52.7 | 52.7 | Q |
| 108-95-2 | Phenol | ND | U | 52.7 | 52.7 | Q |
| 129-00-0 | Pyrene | ND | U | 52.7 | 52.7 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 12:32
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 16:51

Sample Name: GAIN-FW-20B-01-082616
Lab Code: J1606108-006
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-020.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 96 | 30-150 | 9/12/16 16:51 | |
| Phenol-d6 | 26 | 20-130 | 9/12/16 16:51 | |
| Nitrobenzene-d5 | 46 | 30-150 | 9/12/16 16:51 | |
| 2-Fluorophenol | 32 | 20-130 | 9/12/16 16:51 | |
| 2-Fluorobiphenyl | 55 | 30-150 | 9/12/16 16:51 | |
| p-Terphenyl-d14 | 64 | 30-150 | 9/12/16 16:51 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1317
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 21:50

Sample Name: GAIN-EB-10-082616
Lab Code: J1606108-007

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-024.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.11 | 5.11 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.11 | 5.11 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.11 | 5.11 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.11 | 5.11 | |
| 83-32-9 | Acenaphthene | ND U | 5.11 | 5.11 | |
| 208-96-8 | Acenaphthylene | ND U | 5.11 | 5.11 | |
| 120-12-7 | Anthracene | ND U | 5.11 | 5.11 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.11 | 5.11 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.11 | 5.11 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.11 | 5.11 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.11 | 5.11 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.11 | 5.11 | |
| 86-74-8 | Carbazole | ND U | 5.10 | 1.84 | |
| 218-01-9 | Chrysene | ND U | 5.11 | 5.11 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.11 | 5.11 | |
| 132-64-9 | Dibenzofuran | ND U | 5.11 | 5.11 | |
| 206-44-0 | Fluoranthene | ND U | 5.11 | 5.11 | |
| 86-73-7 | Fluorene | ND U | 5.11 | 5.11 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.11 | 5.11 | |
| 91-20-3 | Naphthalene | ND U | 5.11 | 5.11 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.4 | 1.13 | |
| 85-01-8 | Phenanthrene | ND U | 5.11 | 5.11 | |
| 108-95-2 | Phenol | ND U | 5.11 | 5.11 | |
| 129-00-0 | Pyrene | ND U | 5.11 | 5.11 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1317
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 21:50

Sample Name: GAIN-EB-10-082616
Lab Code: J1606108-007

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-024.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 64 | 30-150 | 9/6/16 21:50 | |
| Phenol-d6 | 35 | 20-130 | 9/6/16 21:50 | |
| Nitrobenzene-d5 | 62 | 30-150 | 9/6/16 21:50 | |
| 2-Fluorophenol | 45 | 20-130 | 9/6/16 21:50 | |
| 2-Fluorobiphenyl | 46 | 30-150 | 9/6/16 21:50 | |
| p-Terphenyl-d14 | 68 | 30-150 | 9/6/16 21:50 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1317
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 17:19

Sample Name: GAIN-EB-10-082616
Lab Code: J1606108-007
Run Type: Reanalysis

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-021.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result | Q | MRL | MDL | Note |
|----------|---------------------------------|--------|---|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND | U | 5.11 | 5.11 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND | U | 5.11 | 5.11 | Q |
| 95-48-7 | 2-Methylphenol | ND | U | 5.11 | 5.11 | Q |
| | 3- and 4-Methylphenol Coelution | ND | U | 5.11 | 5.11 | Q |
| 83-32-9 | Acenaphthene | ND | U | 5.11 | 5.11 | Q |
| 208-96-8 | Acenaphthylene | ND | U | 5.11 | 5.11 | Q |
| 120-12-7 | Anthracene | ND | U | 5.11 | 5.11 | Q |
| 56-55-3 | Benz(a)anthracene | ND | U | 5.11 | 5.11 | Q |
| 50-32-8 | Benzo(a)pyrene | ND | U | 5.11 | 5.11 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND | U | 5.11 | 5.11 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 86-74-8 | Carbazole | ND | U | 5.10 | 1.84 | Q |
| 218-01-9 | Chrysene | ND | U | 5.11 | 5.11 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND | U | 5.11 | 5.11 | Q |
| 132-64-9 | Dibenzofuran | ND | U | 5.11 | 5.11 | Q |
| 206-44-0 | Fluoranthene | ND | U | 5.11 | 5.11 | Q |
| 86-73-7 | Fluorene | ND | U | 5.11 | 5.11 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | U | 5.11 | 5.11 | Q |
| 91-20-3 | Naphthalene | ND | U | 5.11 | 5.11 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND | U | 20.4 | 1.13 | Q |
| 85-01-8 | Phenanthrene | ND | U | 5.11 | 5.11 | Q |
| 108-95-2 | Phenol | ND | U | 5.11 | 5.11 | Q |
| 129-00-0 | Pyrene | ND | U | 5.11 | 5.11 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 1317
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 17:19

Sample Name: GAIN-EB-10-082616
Lab Code: J1606108-007
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-021.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 49 | 30-150 | 9/12/16 17:19 | |
| Phenol-d6 | 37 | 20-130 | 9/12/16 17:19 | |
| Nitrobenzene-d5 | 74 | 30-150 | 9/12/16 17:19 | |
| 2-Fluorophenol | 50 | 20-130 | 9/12/16 17:19 | |
| 2-Fluorobiphenyl | 67 | 30-150 | 9/12/16 17:19 | |
| p-Terphenyl-d14 | 85 | 30-150 | 9/12/16 17:19 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 22:17

Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-025.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|--------------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.11 | 5.11 | |
| 91-57-6 | 2-Methylnaphthalene | 20.2 | 5.11 | 5.11 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.11 | 5.11 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.11 | 5.11 | |
| 83-32-9 | Acenaphthene | 37.0 | 5.11 | 5.11 | |
| 208-96-8 | Acenaphthylene | ND U | 5.11 | 5.11 | |
| 120-12-7 | Anthracene | ND U | 5.11 | 5.11 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.11 | 5.11 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.11 | 5.11 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.11 | 5.11 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.11 | 5.11 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.11 | 5.11 | |
| 86-74-8 | Carbazole | 7.93 | 5.10 | 1.84 | |
| 218-01-9 | Chrysene | ND U | 5.11 | 5.11 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.11 | 5.11 | |
| 132-64-9 | Dibenzofuran | 17.5 | 5.11 | 5.11 | |
| 206-44-0 | Fluoranthene | ND U | 5.11 | 5.11 | |
| 86-73-7 | Fluorene | 22.9 | 5.11 | 5.11 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.11 | 5.11 | |
| 91-20-3 | Naphthalene | 264 L | 5.11 | 5.11 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.4 | 1.13 | |
| 85-01-8 | Phenanthrene | 17.8 | 5.11 | 5.11 | |
| 108-95-2 | Phenol | ND U | 5.11 | 5.11 | |
| 129-00-0 | Pyrene | ND U | 5.11 | 5.11 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 22:17

Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-025.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 64 | 30-150 | 9/6/16 22:17 | |
| Phenol-d6 | 27 | 20-130 | 9/6/16 22:17 | |
| Nitrobenzene-d5 | 50 | 30-150 | 9/6/16 22:17 | |
| 2-Fluorophenol | 35 | 20-130 | 9/6/16 22:17 | |
| 2-Fluorobiphenyl | 41 | 30-150 | 9/6/16 22:17 | |
| p-Terphenyl-d14 | 72 | 30-150 | 9/6/16 22:17 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 09:34

Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008
Run Type: Dilution

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-056.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 51.1 | 51.1 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 51.1 | 51.1 | |
| 95-48-7 | 2-Methylphenol | ND U | 51.1 | 51.1 | |
| | 3- and 4-Methylphenol Coelution | ND U | 51.1 | 51.1 | |
| 83-32-9 | Acenaphthene | ND U | 51.1 | 51.1 | |
| 208-96-8 | Acenaphthylene | ND U | 51.1 | 51.1 | |
| 120-12-7 | Anthracene | ND U | 51.1 | 51.1 | |
| 56-55-3 | Benz(a)anthracene | ND U | 51.1 | 51.1 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 51.1 | 51.1 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 51.1 | 51.1 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 51.1 | 51.1 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 51.1 | 51.1 | |
| 86-74-8 | Carbazole | ND U | 51.0 | 18.4 | |
| 218-01-9 | Chrysene | ND U | 51.1 | 51.1 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 51.1 | 51.1 | |
| 132-64-9 | Dibenzofuran | ND U | 51.1 | 51.1 | |
| 206-44-0 | Fluoranthene | ND U | 51.1 | 51.1 | |
| 86-73-7 | Fluorene | ND U | 51.1 | 51.1 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 51.1 | 51.1 | |
| 91-20-3 | Naphthalene | 505 | 51.1 | 51.1 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 204 | 11.3 | |
| 85-01-8 | Phenanthrene | ND U | 51.1 | 51.1 | |
| 108-95-2 | Phenol | ND U | 51.1 | 51.1 | |
| 129-00-0 | Pyrene | ND U | 51.1 | 51.1 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/2/16
Date Analyzed: 9/13/16 09:34

Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008
Run Type: Dilution

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-056.D\

Analysis Lot: 513847
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 0 * | 30-150 | 9/13/16 09:34 | |
| Phenol-d6 | 26 | 20-130 | 9/13/16 09:34 | |
| Nitrobenzene-d5 | 48 | 30-150 | 9/13/16 09:34 | |
| 2-Fluorophenol | 34 | 20-130 | 9/13/16 09:34 | |
| 2-Fluorobiphenyl | 50 | 30-150 | 9/13/16 09:34 | |
| p-Terphenyl-d14 | 69 | 30-150 | 9/13/16 09:34 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 17:47

Sample Name: GAIN-FW-99P-082616 **Units:** µg/L
Lab Code: J1606108-008 **Basis:** NA
Run Type: Reanalysis

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D **Analysis Lot:** 513803
Prep Method: EPA 3510C **Extraction Lot:** 270572
Data File Name: I:\MS04\DATA\MS04-160912\0912-022.D\ **Instrument Name:** J-MS-04
 Dilution Factor: 10

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 51.1 | 51.1 | Q |
| 91-57-6 | 2-Methylnaphthalene | ND U | 51.1 | 51.1 | Q |
| 95-48-7 | 2-Methylphenol | ND U | 51.1 | 51.1 | Q |
| | 3- and 4-Methylphenol Coelution | ND U | 51.1 | 51.1 | Q |
| 83-32-9 | Acenaphthene | ND U | 51.1 | 51.1 | Q |
| 208-96-8 | Acenaphthylene | ND U | 51.1 | 51.1 | Q |
| 120-12-7 | Anthracene | ND U | 51.1 | 51.1 | Q |
| 56-55-3 | Benz(a)anthracene | ND U | 51.1 | 51.1 | Q |
| 50-32-8 | Benzo(a)pyrene | ND U | 51.1 | 51.1 | Q |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 51.1 | 51.1 | Q |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 51.1 | 51.1 | Q |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 51.1 | 51.1 | Q |
| 86-74-8 | Carbazole | ND U | 51.0 | 18.4 | Q |
| 218-01-9 | Chrysene | ND U | 51.1 | 51.1 | Q |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 51.1 | 51.1 | Q |
| 132-64-9 | Dibenzofuran | ND U | 51.1 | 51.1 | Q |
| 206-44-0 | Fluoranthene | ND U | 51.1 | 51.1 | Q |
| 86-73-7 | Fluorene | ND U | 51.1 | 51.1 | Q |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 51.1 | 51.1 | Q |
| 91-20-3 | Naphthalene | ND U | 51.1 | 51.1 | Q |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 204 | 11.3 | Q |
| 85-01-8 | Phenanthrene | ND U | 51.1 | 51.1 | Q |
| 108-95-2 | Phenol | ND U | 51.1 | 51.1 | Q |
| 129-00-0 | Pyrene | ND U | 51.1 | 51.1 | Q |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16 2100
Date Received: 8/26/16
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 17:47

Sample Name: GAIN-FW-99P-082616
Lab Code: J1606108-008
Run Type: Reanalysis

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-022.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 10

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 95 | 30-150 | 9/12/16 17:47 | |
| Phenol-d6 | 22 | 20-130 | 9/12/16 17:47 | |
| Nitrobenzene-d5 | 39 | 30-150 | 9/12/16 17:47 | |
| 2-Fluorophenol | 28 | 20-130 | 9/12/16 17:47 | |
| 2-Fluorobiphenyl | 38 | 30-150 | 9/12/16 17:47 | |
| p-Terphenyl-d14 | 60 | 30-150 | 9/12/16 17:47 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: NA
Date Received: NA
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 13:56

Sample Name: Method Blank
Lab Code: JQ1606623-01

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-007.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.00 | 5.00 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.00 | 5.00 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.00 | 5.00 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.00 | 5.00 | |
| 83-32-9 | Acenaphthene | ND U | 5.00 | 5.00 | |
| 208-96-8 | Acenaphthylene | ND U | 5.00 | 5.00 | |
| 120-12-7 | Anthracene | ND U | 5.00 | 5.00 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.00 | 5.00 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.00 | 5.00 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.00 | 5.00 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.00 | 5.00 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.00 | 5.00 | |
| 86-74-8 | Carbazole | ND U | 5.00 | 1.80 | |
| 218-01-9 | Chrysene | ND U | 5.00 | 5.00 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.00 | 5.00 | |
| 132-64-9 | Dibenzofuran | ND U | 5.00 | 5.00 | |
| 206-44-0 | Fluoranthene | ND U | 5.00 | 5.00 | |
| 86-73-7 | Fluorene | ND U | 5.00 | 5.00 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.00 | 5.00 | |
| 91-20-3 | Naphthalene | ND U | 5.00 | 5.00 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.0 | 1.10 | |
| 85-01-8 | Phenanthrene | ND U | 5.00 | 5.00 | |
| 108-95-2 | Phenol | ND U | 5.00 | 5.00 | |
| 129-00-0 | Pyrene | ND U | 5.00 | 5.00 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: NA
Date Received: NA
Date Extracted: 9/2/16
Date Analyzed: 9/6/16 13:56

Sample Name: Method Blank
Lab Code: JQ1606623-01

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160906\0906-007.D\

Analysis Lot: 513023
Extraction Lot: 270100
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 66 | 30-150 | 9/6/16 13:56 | |
| Phenol-d6 | 52 | 20-130 | 9/6/16 13:56 | |
| Nitrobenzene-d5 | 72 | 30-150 | 9/6/16 13:56 | |
| 2-Fluorophenol | 59 | 20-130 | 9/6/16 13:56 | |
| 2-Fluorobiphenyl | 50 | 30-150 | 9/6/16 13:56 | |
| p-Terphenyl-d14 | 77 | 30-150 | 9/6/16 13:56 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: NA
Date Received: NA
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 13:24

Sample Name: Method Blank
Lab Code: JQ1606762-01

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-013.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| CAS No. | Analyte Name | Result Q | MRL | MDL | Note |
|----------|---------------------------------|----------|------|------|------|
| 105-67-9 | 2,4-Dimethylphenol | ND U | 5.00 | 5.00 | |
| 91-57-6 | 2-Methylnaphthalene | ND U | 5.00 | 5.00 | |
| 95-48-7 | 2-Methylphenol | ND U | 5.00 | 5.00 | |
| | 3- and 4-Methylphenol Coelution | ND U | 5.00 | 5.00 | |
| 83-32-9 | Acenaphthene | ND U | 5.00 | 5.00 | |
| 208-96-8 | Acenaphthylene | ND U | 5.00 | 5.00 | |
| 120-12-7 | Anthracene | ND U | 5.00 | 5.00 | |
| 56-55-3 | Benz(a)anthracene | ND U | 5.00 | 5.00 | |
| 50-32-8 | Benzo(a)pyrene | ND U | 5.00 | 5.00 | |
| 205-99-2 | Benzo(b)fluoranthene | ND U | 5.00 | 5.00 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND U | 5.00 | 5.00 | |
| 207-08-9 | Benzo(k)fluoranthene | ND U | 5.00 | 5.00 | |
| 86-74-8 | Carbazole | ND U | 5.00 | 1.80 | |
| 218-01-9 | Chrysene | ND U | 5.00 | 5.00 | |
| 53-70-3 | Dibenz(a,h)anthracene | ND U | 5.00 | 5.00 | |
| 132-64-9 | Dibenzofuran | ND U | 5.00 | 5.00 | |
| 206-44-0 | Fluoranthene | ND U | 5.00 | 5.00 | |
| 86-73-7 | Fluorene | ND U | 5.00 | 5.00 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND U | 5.00 | 5.00 | |
| 91-20-3 | Naphthalene | ND U | 5.00 | 5.00 | |
| 87-86-5 | Pentachlorophenol (PCP) | ND U | 20.0 | 1.10 | |
| 85-01-8 | Phenanthrene | ND U | 5.00 | 5.00 | |
| 108-95-2 | Phenol | ND U | 5.00 | 5.00 | |
| 129-00-0 | Pyrene | ND U | 5.00 | 5.00 | |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: NA
Date Received: NA
Date Extracted: 9/9/16
Date Analyzed: 9/12/16 13:24

Sample Name: Method Blank
Lab Code: JQ1606762-01

Units: Percent
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C
Data File Name: I:\MS04\DATA\MS04-160912\0912-013.D\

Analysis Lot: 513803
Extraction Lot: 270572
Instrument Name: J-MS-04
Dilution Factor: 1

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Q |
|----------------------|------|----------------|---------------|---|
| 2,4,6-Tribromophenol | 47 | 30-150 | 9/12/16 13:24 | |
| Phenol-d6 | 41 | 20-130 | 9/12/16 13:24 | |
| Nitrobenzene-d5 | 77 | 30-150 | 9/12/16 13:24 | |
| 2-Fluorophenol | 54 | 20-130 | 9/12/16 13:24 | |
| 2-Fluorobiphenyl | 68 | 30-150 | 9/12/16 13:24 | |
| p-Terphenyl-d14 | 78 | 30-150 | 9/12/16 13:24 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
 Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
 Sample Matrix: Water

Service Request: J1606108

Surrogate Recovery Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
 Prep Method: EPA 3510C

Units: Percent

| <u>Sample Name</u> | <u>Lab Code</u> | <u>Sur1</u> | <u>Sur2</u> | <u>Sur3</u> | <u>Sur4</u> | <u>Sur5</u> | <u>Sur6</u> |
|------------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| GAIN-FW-20B-03-082616 | J1606108-002 | 74 | 35 | 58 | 40 | 46 | 74 |
| GAIN-FW-20B-03-082616RE | J1606108-002 | 60 | 28 | 56 | 36 | 50 | 77 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 52 | 33 | 57 | 40 | 46 | 72 |
| GAIN-FW-20B-04-082616RE | J1606108-003 | 55 | 32 | 66 | 42 | 60 | 82 |
| GAIN-FB-10-082616 | J1606108-004 | 52 | 33 | 65 | 45 | 47 | 72 |
| GAIN-FB-10-082616RE | J1606108-004 | 56 | 44 | 71 | 52 | 63 | 80 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 81 | 39 | 71 | 51 | 54 | 74 |
| GAIN-FW-20B-02-082616DL | J1606108-005 | 106 | 37 | 72 | 51 | 70 | 65 |
| GAIN-FW-20B-02-082616RE | J1606108-005 | 101 | 28 | 54 | 37 | 57 | 60 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 89 | 39 | 70 | 49 | 50 | 70 |
| GAIN-FW-20B-01-082616DL | J1606108-006 | 0 * | 35 | 60 | 48 | 61 | 70 |
| GAIN-FW-20B-01-082616RE | J1606108-006 | 96 | 26 | 46 | 32 | 55 | 64 |
| GAIN-EB-10-082616 | J1606108-007 | 64 | 35 | 62 | 45 | 46 | 68 |
| GAIN-EB-10-082616RE | J1606108-007 | 49 | 37 | 74 | 50 | 67 | 85 |
| GAIN-FW-99P-082616 | J1606108-008 | 64 | 27 | 50 | 35 | 41 | 72 |
| GAIN-FW-99P-082616DL | J1606108-008 | 0 * | 26 | 48 | 34 | 50 | 69 |
| GAIN-FW-99P-082616RE | J1606108-008 | 95 | 22 | 39 | 28 | 38 | 60 |
| Method Blank | JQ1606623-01 | 66 | 52 | 72 | 59 | 50 | 77 |
| Method Blank | JQ1606762-01 | 47 | 41 | 77 | 54 | 68 | 78 |
| Lab Control Sample | JQ1606623-02 | 90 | 43 | 61 | 49 | 51 | 77 |
| Lab Control Sample | JQ1606762-02 | 92 | 46 | 81 | 57 | 69 | 85 |
| Duplicate Lab Control Sample | JQ1606762-03 | 93 | 45 | 82 | 55 | 70 | 86 |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | 86 | 38 | 68 | 46 | 55 | 63 |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | 85 | 35 | 54 | 42 | 58 | 76 |

Surrogate Recovery Control Limits (%)

| | | | |
|-----------------------------|----------|-------------------------|----------|
| Sur1 = 2,4,6-Tribromophenol | 30 - 150 | Sur5 = 2-Fluorobiphenyl | 30 - 150 |
| Sur2 = Phenol-d6 | 20 - 130 | Sur6 = p-Terphenyl-d14 | 30 - 150 |
| Sur3 = Nitrobenzene-d5 | 30 - 150 | | |
| Sur4 = 2-Fluorophenol | 20 - 130 | | |

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

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/6/16 13:28

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

File ID: I:\MS04\DATA\MS04-160906\0906-006.D\
Instrument ID: J-MS-04
Analytical Method: 8270D

Lab Code: JQ1606688-02
Analysis Lot: 513023
Signal ID:

| | 1,4-Dichlorobenzene-d4 | | Acenaphthene-d10 | | Chrysene-d12 | |
|---------------------------|------------------------|-----------|------------------|-----------|--------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| Results ==> | 402,617 | 4.55 | 729,764 | 8.04 | 899,305 | 13.64 |
| Upper Limit ==> | 805,234 | 5.55 | 1,459,528 | 9.04 | 1,798,610 | 14.64 |
| Lower Limit ==> | 201,309 | 3.55 | 364,882 | 7.04 | 449,653 | 12.64 |
| ICAL Result ==> | 377,969 | 4.57 | 675,278 | 8.07 | 757,602 | 13.67 |

Associated Analyses

| | | | | | | | |
|--------------------------|--------------|---------|------|-----------|------|-----------|-------|
| Method Blank | JQ1606623-01 | 468,220 | 4.55 | 933,432 | 8.04 | 989,114 | 13.63 |
| Lab Control Sample | JQ1606623-02 | 458,087 | 4.55 | 927,474 | 8.04 | 1,000,745 | 13.64 |
| GAIN-FW-20B-03-082616 | J1606108-002 | 464,325 | 4.55 | 877,521 | 8.04 | 992,210 | 13.63 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 477,465 | 4.55 | 973,894 | 8.04 | 985,565 | 13.63 |
| GAIN-FB-10-082616 | J1606108-004 | 439,202 | 4.55 | 919,716 | 8.04 | 931,104 | 13.63 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 477,526 | 4.55 | 964,934 | 8.04 | 934,659 | 13.62 |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | 490,473 | 4.55 | 974,685 | 8.04 | 1,063,082 | 13.63 |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | 430,110 | 4.55 | 752,462 | 8.04 | 905,161 | 13.63 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 486,497 | 4.55 | 1,019,084 | 8.04 | 1,001,670 | 13.63 |
| GAIN-EB-10-082616 | J1606108-007 | 490,260 | 4.55 | 1,040,534 | 8.04 | 1,024,723 | 13.62 |
| GAIN-FW-99P-082616 | J1606108-008 | 460,829 | 4.55 | 906,554 | 8.04 | 991,595 | 13.62 |

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

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/6/16 13:28

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

File ID: I:\MS04\DATA\MS04-160906\0906-006.D\
Instrument ID: J-MS-04
Analytical Method: 8270D

Lab Code: JQ1606688-02
Analysis Lot: 513023
Signal ID:

| | Naphthalene-d8 | | Perylene-d12 | | Phenanthrene-d10 | |
|---------------------------|----------------|-----------|--------------|-----------|------------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| Results ==> | 1,682,754 | 5.95 | 668,999 | 16.62 | 1,112,969 | 9.85 |
| Upper Limit ==> | 3,365,508 | 6.95 | 1,337,998 | 17.62 | 2,225,938 | 10.85 |
| Lower Limit ==> | 841,377 | 4.95 | 334,500 | 15.62 | 556,485 | 8.85 |
| ICAL Result ==> | 1,486,572 | 5.97 | 630,955 | 16.65 | 1,117,775 | 9.88 |

Associated Analyses

| | | | | | | | |
|--------------------------|--------------|-----------|------|---------|-------|-----------|------|
| Method Blank | JQ1606623-01 | 1,981,302 | 5.94 | 855,855 | 16.61 | 1,436,230 | 9.85 |
| Lab Control Sample | JQ1606623-02 | 1,890,081 | 5.95 | 788,993 | 16.61 | 1,351,133 | 9.85 |
| GAIN-FW-20B-03-082616 | J1606108-002 | 1,989,943 | 5.94 | 843,905 | 16.61 | 1,346,073 | 9.85 |
| GAIN-FW-20B-04-082616 | J1606108-003 | 2,011,038 | 5.94 | 888,866 | 16.61 | 1,456,030 | 9.85 |
| GAIN-FB-10-082616 | J1606108-004 | 1,868,038 | 5.94 | 852,808 | 16.61 | 1,265,164 | 9.85 |
| GAIN-FW-20B-02-082616 | J1606108-005 | 2,060,710 | 5.95 | 809,379 | 16.61 | 1,237,173 | 9.85 |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | 2,066,763 | 5.95 | 802,746 | 16.61 | 1,411,134 | 9.85 |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | 1,942,065 | 5.95 | 734,071 | 16.61 | 1,266,085 | 9.85 |
| GAIN-FW-20B-01-082616 | J1606108-006 | 2,115,488 | 5.95 | 953,568 | 16.61 | 1,269,672 | 9.85 |
| GAIN-EB-10-082616 | J1606108-007 | 1,996,601 | 5.94 | 897,221 | 16.61 | 1,330,265 | 9.85 |
| GAIN-FW-99P-082616 | J1606108-008 | 1,919,255 | 5.95 | 834,487 | 16.61 | 1,312,778 | 9.85 |

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

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/12/16 09:37

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

File ID: I:\MS04\DATA\MS04-160912\0912-005.D\
Instrument ID: J-MS-04
Analytical Method: 8270D

Lab Code: JQ1606844-02
Analysis Lot: 513803
Signal ID:

| | 1,4-Dichlorobenzene-d4 | | Acenaphthene-d10 | | Chrysene-d12 | |
|---------------------------|------------------------|-----------|------------------|-----------|--------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| Results ==> | 274,256 | 4.55 | 493,025 | 8.04 | 619,610 | 13.63 |
| Upper Limit ==> | 548,512 | 5.55 | 986,050 | 9.04 | 1,239,220 | 14.63 |
| Lower Limit ==> | 137,128 | 3.55 | 246,513 | 7.04 | 309,805 | 12.63 |
| ICAL Result ==> | 377,969 | 4.57 | 675,278 | 8.07 | 757,602 | 13.67 |

Associated Analyses

| | | | | | | | |
|------------------------------|--------------|---------|------|---------|------|---------|-------|
| Method Blank | JQ1606762-01 | 311,282 | 4.54 | 593,385 | 8.04 | 753,188 | 13.62 |
| Lab Control Sample | JQ1606762-02 | 296,073 | 4.55 | 558,392 | 8.04 | 708,447 | 13.63 |
| Duplicate Lab Control Sample | JQ1606762-03 | 314,328 | 4.55 | 584,067 | 8.04 | 754,244 | 13.63 |
| GAIN-FW-20B-03-082616RE | J1606108-002 | 312,493 | 4.54 | 598,869 | 8.04 | 793,935 | 13.62 |
| GAIN-FW-20B-04-082616RE | J1606108-003 | 291,560 | 4.54 | 559,190 | 8.04 | 689,798 | 13.62 |
| GAIN-FB-10-082616RE | J1606108-004 | 306,201 | 4.54 | 598,424 | 8.04 | 726,050 | 13.62 |
| GAIN-FW-20B-02-082616RE | J1606108-005 | 305,164 | 4.54 | 575,745 | 8.04 | 742,310 | 13.62 |
| GAIN-FW-20B-01-082616RE | J1606108-006 | 312,616 | 4.54 | 577,926 | 8.04 | 755,977 | 13.62 |
| GAIN-EB-10-082616RE | J1606108-007 | 312,613 | 4.54 | 600,118 | 8.04 | 758,758 | 13.62 |
| GAIN-FW-99P-082616RE | J1606108-008 | 316,996 | 4.54 | 594,874 | 8.04 | 756,001 | 13.62 |

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

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/12/16 09:37

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

File ID: I:\MS04\DATA\MS04-160912\0912-005.D\
Instrument ID: J-MS-04
Analytical Method: 8270D

Lab Code: JQ1606844-02
Analysis Lot: 513803
Signal ID:

| | Naphthalene-d8 | | Perylene-d12 | | Phenanthrene-d10 | |
|---------------------------|----------------|-----------|--------------|-----------|------------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| Results ==> | 1,067,924 | 5.94 | 508,333 | 16.61 | 853,524 | 9.85 |
| Upper Limit ==> | 2,135,848 | 6.94 | 1,016,666 | 17.61 | 1,707,048 | 10.85 |
| Lower Limit ==> | 533,962 | 4.94 | 254,167 | 15.61 | 426,762 | 8.85 |
| ICAL Result ==> | 1,486,572 | 5.97 | 630,955 | 16.65 | 1,117,775 | 9.88 |

Associated Analyses

| | | | | | | | |
|------------------------------|--------------|-----------|------|---------|-------|-----------|------|
| Method Blank | JQ1606762-01 | 1,307,668 | 5.94 | 663,973 | 16.61 | 1,033,590 | 9.84 |
| Lab Control Sample | JQ1606762-02 | 1,198,566 | 5.94 | 585,005 | 16.61 | 953,058 | 9.85 |
| Duplicate Lab Control Sample | JQ1606762-03 | 1,288,178 | 5.94 | 628,570 | 16.61 | 1,003,694 | 9.85 |
| GAIN-FW-20B-03-082616RE | J1606108-002 | 1,305,960 | 5.94 | 709,688 | 16.61 | 1,061,340 | 9.84 |
| GAIN-FW-20B-04-082616RE | J1606108-003 | 1,216,726 | 5.94 | 607,687 | 16.61 | 948,395 | 9.84 |
| GAIN-FB-10-082616RE | J1606108-004 | 1,275,334 | 5.94 | 674,357 | 16.61 | 1,029,040 | 9.85 |
| GAIN-FW-20B-02-082616RE | J1606108-005 | 1,260,606 | 5.94 | 646,496 | 16.61 | 996,347 | 9.85 |
| GAIN-FW-20B-01-082616RE | J1606108-006 | 1,279,050 | 5.94 | 649,750 | 16.61 | 1,012,005 | 9.84 |
| GAIN-EB-10-082616RE | J1606108-007 | 1,303,843 | 5.94 | 661,911 | 16.61 | 1,048,780 | 9.84 |
| GAIN-FW-99P-082616RE | J1606108-008 | 1,275,339 | 5.94 | 653,169 | 16.61 | 1,032,224 | 9.84 |

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:
Project:

Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/12/16 23:42

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

File ID: I:\MS04\DATA\MS04-160912\0912-035.D\

Lab Code: JQ1606857-02

Instrument ID: J-MS-04

Analysis Lot: 513847

Analytical Method: 8270D

Signal ID:

| | 1,4-Dichlorobenzene-d4 | | Acenaphthene-d10 | | Chrysene-d12 | |
|---------------------------|------------------------|-----------|------------------|-----------|--------------|-----------|
| | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> | <u>Area</u> | <u>RT</u> |
| Results ==> | 259,071 | 4.55 | 454,071 | 8.04 | 554,023 | 13.62 |
| Upper Limit ==> | 518,142 | 5.55 | 908,142 | 9.04 | 1,108,046 | 14.62 |
| Lower Limit ==> | 129,536 | 3.55 | 227,036 | 7.04 | 277,012 | 12.62 |
| ICAL Result ==> | 377,969 | 4.57 | 675,278 | 8.07 | 757,602 | 13.67 |

Associated Analyses

| | | | | | | | |
|-------------------------|--------------|---------|------|---------|------|---------|-------|
| GAIN-FW-20B-02-082616DL | J1606108-005 | 295,069 | 4.54 | 529,155 | 8.04 | 692,829 | 13.62 |
| GAIN-FW-20B-01-082616DL | J1606108-006 | 297,676 | 4.54 | 532,558 | 8.04 | 691,216 | 13.62 |
| GAIN-FW-99P-082616DL | J1606108-008 | 320,265 | 4.54 | 584,900 | 8.04 | 738,074 | 13.62 |

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:
Project:Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16Service Request: J1606108
Date Analyzed: 9/12/16 23:42**Internal Standard Area and RT Summary
Semivolatile Organic Compounds by GC/MS**

File ID: I:\MS04\DATA\MS04-160912\0912-035.D\

Lab Code: JQ1606857-02

Instrument ID: J-MS-04

Analysis Lot: 513847

Analytical Method: 8270D

Signal ID:

| | Naphthalene-d8 | | Perylene-d12 | | Phenanthrene-d10 | |
|-----------------|----------------|------|--------------|-------|------------------|-------|
| | Area | RT | Area | RT | Area | RT |
| Results ==> | 991,052 | 5.94 | 465,433 | 16.61 | 771,525 | 9.85 |
| Upper Limit ==> | 1,982,104 | 6.94 | 930,866 | 17.61 | 1,543,050 | 10.85 |
| Lower Limit ==> | 495,526 | 4.94 | 232,717 | 15.61 | 385,763 | 8.85 |
| ICAL Result ==> | 1,486,572 | 5.97 | 630,955 | 16.65 | 1,117,775 | 9.88 |

Associated Analyses

| | | | | | | | |
|-------------------------|--------------|-----------|------|---------|-------|-----------|------|
| GAIN-FW-20B-02-082616DL | J1606108-005 | 1,215,230 | 5.94 | 584,685 | 16.61 | 912,266 | 9.84 |
| GAIN-FW-20B-01-082616DL | J1606108-006 | 1,210,758 | 5.94 | 584,154 | 16.61 | 921,945 | 9.84 |
| GAIN-FW-99P-082616DL | J1606108-008 | 1,328,902 | 5.94 | 625,190 | 16.61 | 1,001,787 | 9.84 |

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

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Collected: 8/26/16
Date Received: 8/26/16
Date Analyzed: 9/6/16

Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name: GAIN-FW-20B-02-082616 **Units:** µg/L
Lab Code: J1606108-005 **Basis:** NA

Analytical Method: 8270D
Prep Method: EPA 3510C

GAIN-FW-20B-02-082616MS GAIN-FW-20B-02-082616DMS

Matrix Spike Duplicate Matrix Spike
JQ1606623-03 JQ1606623-04

| Analyte Name | Sample Result | Result | Spike Amount | % Rec | Result | Spike Amount | % Rec | % Rec Limits | RPD | RPD Limit |
|---------------------------------|---------------|--------|--------------|---------|--------|--------------|---------|--------------|-----|-----------|
| 2,4-Dimethylphenol | ND | 25.9 | 40.8 | 64 | 20.2 | 40.8 | 49 | 30 - 120 | 25 | 30 |
| 2-Methylnaphthalene | 32.1 | 50.5 | 40.8 | 45 * | 47.4 | 40.8 | 38 * | 50 - 150 | 6 | 30 |
| 2-Methylphenol | ND | 25.0 | 40.8 | 61 | 23.0 | 40.8 | 56 | 30 - 120 | 8 | 30 |
| 3- and 4-Methylphenol Coelution | ND | 26.2 | 40.8 | 64 | 20.1 | 40.8 | 49 | 30 - 120 | 26 | 30 |
| Acenaphthene | 60.4 | 78.6 | 40.8 | 45 * | 73.6 | 40.8 | 32 * | 50 - 150 | 7 | 30 |
| Acenaphthylene | ND | 24.3 | 40.8 | 60 | 23.6 | 40.8 | 58 | 50 - 150 | 3 | 30 |
| Anthracene | ND | 31.9 | 40.8 | 78 | 33.4 | 40.8 | 82 | 50 - 150 | 4 | 30 |
| Benz(a)anthracene | ND | 33.8 | 40.8 | 83 | 35.1 | 40.8 | 86 | 37 - 157 | 4 | 30 |
| Benzo(a)pyrene | ND | 33.9 | 40.8 | 83 | 35.8 | 40.8 | 88 | 38 - 150 | 5 | 30 |
| Benzo(b)fluoranthene | ND | 35.1 | 40.8 | 86 | 35.2 | 40.8 | 86 | 43 - 149 | <1 | 30 |
| Benzo(g,h,i)perylene | ND | 33.4 | 40.8 | 82 | 33.8 | 40.8 | 83 | 34 - 150 | 1 | 30 |
| Benzo(k)fluoranthene | ND | 36.4 | 40.8 | 89 | 36.7 | 40.8 | 90 | 35 - 147 | <1 | 30 |
| Carbazole | 8.15 | 39.7 | 40.8 | 77 | 43.1 | 40.8 | 86 | 50 - 150 | 8 | 30 |
| Chrysene | ND | 33.0 | 40.8 | 81 | 35.9 | 40.8 | 88 | 40 - 148 | 8 | 30 |
| Dibenz(a,h)anthracene | ND | 32.3 | 40.8 | 79 | 33.7 | 40.8 | 83 | 36 - 155 | 4 | 30 |
| Dibenzofuran | 26.1 | 50.6 | 40.8 | 60 | 48.5 | 40.8 | 55 | 50 - 150 | 4 | 30 |
| Fluoranthene | ND | 33.8 | 40.8 | 83 | 37.6 | 40.8 | 92 | 50 - 150 | 11 | 30 |
| Fluorene | 28.4 | 58.7 | 40.8 | 74 | 54.5 | 40.8 | 64 | 50 - 150 | 8 | 30 |
| Indeno(1,2,3-cd)pyrene | ND | 32.1 | 40.8 | 79 | 33.4 | 40.8 | 82 | 35 - 151 | 4 | 30 |
| Naphthalene | 787 | 277 | 40.8 | -1250 # | 282 | 40.8 | -1238 # | 50 - 150 | 2 | 30 |
| Pentachlorophenol (PCP) | ND | 31.5 | 40.8 | 77 | 34.2 | 40.8 | 84 | 30 - 120 | 8 | 30 |
| Phenanthrene | 22.4 | 54.2 | 40.8 | 78 | 44.4 | 40.8 | 54 | 50 - 150 | 20 | 30 |
| Phenol | ND | 15.6 | 40.8 | 38 | 15.0 | 40.8 | 37 | 30 - 120 | 4 | 30 |
| Pyrene | ND | 29.2 | 40.8 | 72 | 34.1 | 40.8 | 84 | 50 - 150 | 16 | 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.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/6/16

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D **Units:** µg/L
Prep Method: EPA 3510C **Basis:** NA

Extraction Lot: 270100

Lab Control Sample

JQ1606623-02

| Analyte Name | Result | Spike | % Rec | |
|---------------------------------|---------------|---------------|--------------|---------------|
| | | Amount | % Rec | Limits |
| 2,4-Dimethylphenol | 24.0 | 40.0 | 60 | 30 - 120 |
| 2-Methylnaphthalene | 21.0 | 40.0 | 53 * | 60 - 140 |
| 2-Methylphenol | 23.6 | 40.0 | 59 | 30 - 120 |
| 3- and 4-Methylphenol Coelution | 26.1 | 40.0 | 65 | 30 - 120 |
| Acenaphthene | 24.0 | 40.0 | 60 | 60 - 140 |
| Acenaphthylene | 24.2 | 40.0 | 60 | 60 - 140 |
| Anthracene | 31.0 | 40.0 | 78 | 60 - 140 |
| Benz(a)anthracene | 31.8 | 40.0 | 80 | 37 - 157 |
| Benzo(a)pyrene | 31.4 | 40.0 | 79 | 38 - 150 |
| Benzo(b)fluoranthene | 30.9 | 40.0 | 77 | 43 - 149 |
| Benzo(g,h,i)perylene | 32.8 | 40.0 | 82 | 34 - 150 |
| Benzo(k)fluoranthene | 32.1 | 40.0 | 80 | 35 - 147 |
| Carbazole | 31.7 | 40.0 | 79 | 60 - 140 |
| Chrysene | 31.8 | 40.0 | 80 | 40 - 148 |
| Dibenz(a,h)anthracene | 29.3 | 40.0 | 73 | 36 - 155 |
| Dibenzofuran | 25.2 | 40.0 | 63 | 60 - 140 |
| Fluoranthene | 33.3 | 40.0 | 83 | 60 - 140 |
| Fluorene | 25.3 | 40.0 | 63 | 60 - 140 |
| Indeno(1,2,3-cd)pyrene | 28.8 | 40.0 | 72 | 35 - 151 |
| Naphthalene | 19.1 | 40.0 | 48 * | 60 - 140 |
| Pentachlorophenol (PCP) | 32.7 | 40.0 | 82 | 30 - 120 |
| Phenanthrene | 30.9 | 40.0 | 77 | 60 - 140 |
| Phenol | 17.9 | 40.0 | 45 | 30 - 120 |
| Pyrene | 30.5 | 40.0 | 76 | 60 - 140 |

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

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

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/12/16

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D **Units:** µg/L
Prep Method: EPA 3510C **Basis:** NA

Extraction Lot: 270572

| Analyte Name | Lab Control Sample | | | Duplicate Lab Control Sample | | | | | |
|---------------------------------|--------------------|--------------|-------|------------------------------|--------------|-------|--------------|-----|-----------|
| | JQ1606762-02 | | | JQ1606762-03 | | | | | |
| | Result | Spike Amount | % Rec | Result | Spike Amount | % Rec | % Rec Limits | RPD | RPD Limit |
| 2,4-Dimethylphenol | 30.7 | 40.0 | 77 | 31.5 | 40.0 | 79 | 30 - 120 | 3 | 30 |
| 2-Methylnaphthalene | 29.1 | 40.0 | 73 | 29.4 | 40.0 | 74 | 60 - 140 | <1 | 30 |
| 2-Methylphenol | 29.5 | 40.0 | 74 | 30.0 | 40.0 | 75 | 30 - 120 | 2 | 30 |
| 3- and 4-Methylphenol Coelution | 28.4 | 40.0 | 71 | 29.4 | 40.0 | 74 | 30 - 120 | 3 | 30 |
| Acenaphthene | 31.4 | 40.0 | 78 | 32.4 | 40.0 | 81 | 60 - 140 | 3 | 30 |
| Acenaphthylene | 31.3 | 40.0 | 78 | 32.4 | 40.0 | 81 | 60 - 140 | 3 | 30 |
| Anthracene | 33.7 | 40.0 | 84 | 34.1 | 40.0 | 85 | 60 - 140 | 1 | 30 |
| Benz(a)anthracene | 35.5 | 40.0 | 89 | 36.9 | 40.0 | 92 | 37 - 157 | 4 | 30 |
| Benzo(a)pyrene | 36.1 | 40.0 | 90 | 37.0 | 40.0 | 93 | 38 - 150 | 2 | 30 |
| Benzo(b)fluoranthene | 35.1 | 40.0 | 88 | 36.0 | 40.0 | 90 | 43 - 149 | 2 | 30 |
| Benzo(g,h,i)perylene | 35.7 | 40.0 | 89 | 36.4 | 40.0 | 91 | 34 - 150 | 2 | 30 |
| Benzo(k)fluoranthene | 37.1 | 40.0 | 93 | 38.3 | 40.0 | 96 | 35 - 147 | 3 | 30 |
| Carbazole | 33.4 | 40.0 | 84 | 34.5 | 40.0 | 86 | 60 - 140 | 3 | 30 |
| Chrysene | 36.6 | 40.0 | 91 | 37.4 | 40.0 | 93 | 40 - 148 | 2 | 30 |
| Dibenz(a,h)anthracene | 34.1 | 40.0 | 85 | 34.6 | 40.0 | 86 | 36 - 155 | 1 | 30 |
| Dibenzofuran | 32.9 | 40.0 | 82 | 33.8 | 40.0 | 85 | 60 - 140 | 3 | 30 |
| Fluoranthene | 36.0 | 40.0 | 90 | 37.6 | 40.0 | 94 | 60 - 140 | 4 | 30 |
| Fluorene | 31.2 | 40.0 | 78 | 31.8 | 40.0 | 79 | 60 - 140 | 2 | 30 |
| Indeno(1,2,3-cd)pyrene | 33.7 | 40.0 | 84 | 34.5 | 40.0 | 86 | 35 - 151 | 2 | 30 |
| Naphthalene | 26.8 | 40.0 | 67 | 27.6 | 40.0 | 69 | 60 - 140 | 3 | 30 |
| Pentachlorophenol (PCP) | 32.7 | 40.0 | 82 | 33.7 | 40.0 | 84 | 30 - 120 | 3 | 30 |
| Phenanthrene | 32.6 | 40.0 | 82 | 33.3 | 40.0 | 83 | 60 - 140 | 2 | 30 |
| Phenol | 18.6 | 40.0 | 46 | 18.5 | 40.0 | 46 | 30 - 120 | <1 | 30 |
| Pyrene | 33.3 | 40.0 | 83 | 34.6 | 40.0 | 86 | 60 - 140 | 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.

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/6/16 13:56
Date Extracted: 9/2/16

Method Blank Summary
Semivolatile Organic Compounds by GC/MS

| | | | |
|---------------------------|--------------|-----------------------|--------------------------------------|
| Sample Name: | Method Blank | Instrument ID: | J-MS-04 |
| Lab Code: | JQ1606623-01 | File ID: | I:\MS04\DATA\MS04-160906\0906-007.D\ |
| Analytical Method: | 8270D | | |
| Prep Method: | EPA 3510C | | |

This Method Blank applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|--------------------------|--------------|--------------------------------------|---------------|
| Lab Control Sample | JQ1606623-02 | I:\MS04\DATA\MS04-160906\0906-008.D\ | 9/6/16 14:24 |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS04\DATA\MS04-160906\0906-017.D\ | 9/6/16 18:37 |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS04\DATA\MS04-160906\0906-018.D\ | 9/6/16 19:04 |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS04\DATA\MS04-160906\0906-019.D\ | 9/6/16 19:32 |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS04\DATA\MS04-160906\0906-020.D\ | 9/6/16 20:00 |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | I:\MS04\DATA\MS04-160906\0906-021.D\ | 9/6/16 20:27 |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | I:\MS04\DATA\MS04-160906\0906-022.D\ | 9/6/16 20:55 |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS04\DATA\MS04-160906\0906-023.D\ | 9/6/16 21:22 |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS04\DATA\MS04-160906\0906-024.D\ | 9/6/16 21:50 |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS04\DATA\MS04-160906\0906-025.D\ | 9/6/16 22:17 |
| GAIN-FW-20B-02-082616DL | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-054.D\ | 9/13/16 08:28 |
| GAIN-FW-20B-01-082616DL | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-055.D\ | 9/13/16 09:06 |
| GAIN-FW-99P-082616DL | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-056.D\ | 9/13/16 09:34 |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/12/16 13:24
Date Extracted: 9/9/16

Method Blank Summary
Semivolatile Organic Compounds by GC/MS

| | | | |
|---------------------------|--------------|-----------------------|--------------------------------------|
| Sample Name: | Method Blank | Instrument ID: | J-MS-04 |
| Lab Code: | JQ1606762-01 | File ID: | I:\MS04\DATA\MS04-160912\0912-013.D\ |
| Analytical Method: | 8270D | | |
| Prep Method: | EPA 3510C | | |

This Method Blank applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|------------------------------|--------------|--------------------------------------|---------------|
| Lab Control Sample | JQ1606762-02 | I:\MS04\DATA\MS04-160912\0912-014.D\ | 9/12/16 13:54 |
| Duplicate Lab Control Sample | JQ1606762-03 | I:\MS04\DATA\MS04-160912\0912-015.D\ | 9/12/16 14:23 |
| GAIN-FW-20B-03-082616RE | J1606108-002 | I:\MS04\DATA\MS04-160912\0912-016.D\ | 9/12/16 14:52 |
| GAIN-FW-20B-04-082616RE | J1606108-003 | I:\MS04\DATA\MS04-160912\0912-017.D\ | 9/12/16 15:22 |
| GAIN-FB-10-082616RE | J1606108-004 | I:\MS04\DATA\MS04-160912\0912-018.D\ | 9/12/16 15:53 |
| GAIN-FW-20B-02-082616RE | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-019.D\ | 9/12/16 16:22 |
| GAIN-FW-20B-01-082616RE | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-020.D\ | 9/12/16 16:51 |
| GAIN-EB-10-082616RE | J1606108-007 | I:\MS04\DATA\MS04-160912\0912-021.D\ | 9/12/16 17:19 |
| GAIN-FW-99P-082616RE | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-022.D\ | 9/12/16 17:47 |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/6/16 14:24
Date Extracted: 9/2/16

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

| | | | |
|---------------------------|--------------------|-----------------------|--------------------------------------|
| Sample Name: | Lab Control Sample | Instrument ID: | J-MS-04 |
| Lab Code: | JQ1606623-02 | File ID: | I:\MS04\DATA\MS04-160906\0906-008.D\ |
| Analytical Method: | 8270D | | |
| Prep Method: | EPA 3510C | | |

This Lab Control Sample applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|--------------------------|--------------|--------------------------------------|---------------|
| GAIN-FW-99P-082616DL | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-056.D\ | 9/13/16 09:34 |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS04\DATA\MS04-160906\0906-017.D\ | 9/6/16 18:37 |
| GAIN-FW-20B-02-082616DL | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-054.D\ | 9/13/16 08:28 |
| Method Blank | JQ1606623-01 | I:\MS04\DATA\MS04-160906\0906-007.D\ | 9/6/16 13:56 |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS04\DATA\MS04-160906\0906-023.D\ | 9/6/16 21:22 |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS04\DATA\MS04-160906\0906-024.D\ | 9/6/16 21:50 |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS04\DATA\MS04-160906\0906-019.D\ | 9/6/16 19:32 |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | I:\MS04\DATA\MS04-160906\0906-022.D\ | 9/6/16 20:55 |
| GAIN-FW-20B-01-082616DL | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-055.D\ | 9/13/16 09:06 |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS04\DATA\MS04-160906\0906-020.D\ | 9/6/16 20:00 |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | I:\MS04\DATA\MS04-160906\0906-021.D\ | 9/6/16 20:27 |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS04\DATA\MS04-160906\0906-025.D\ | 9/6/16 22:17 |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS04\DATA\MS04-160906\0906-018.D\ | 9/6/16 19:04 |

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108
Date Analyzed: 9/12/16 13:54
Date Extracted: 9/9/16

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

| | | | |
|---------------------------|--------------------|-----------------------|--------------------------------------|
| Sample Name: | Lab Control Sample | Instrument ID: | J-MS-04 |
| Lab Code: | JQ1606762-02 | File ID: | I:\MS04\DATA\MS04-160912\0912-014.D\ |
| Analytical Method: | 8270D | | |
| Prep Method: | EPA 3510C | | |

This Lab Control Sample applies to the following analyses:

| Sample Name | Lab Code | File ID | Date Analyzed |
|------------------------------|--------------|--------------------------------------|---------------|
| GAIN-FW-20B-02-082616RE | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-019.D\ | 9/12/16 16:22 |
| GAIN-FW-20B-04-082616RE | J1606108-003 | I:\MS04\DATA\MS04-160912\0912-017.D\ | 9/12/16 15:22 |
| Method Blank | JQ1606762-01 | I:\MS04\DATA\MS04-160912\0912-013.D\ | 9/12/16 13:24 |
| GAIN-FB-10-082616RE | J1606108-004 | I:\MS04\DATA\MS04-160912\0912-018.D\ | 9/12/16 15:53 |
| GAIN-FW-20B-01-082616RE | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-020.D\ | 9/12/16 16:51 |
| GAIN-FW-99P-082616RE | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-022.D\ | 9/12/16 17:47 |
| GAIN-FW-20B-03-082616RE | J1606108-002 | I:\MS04\DATA\MS04-160912\0912-016.D\ | 9/12/16 14:52 |
| GAIN-EB-10-082616RE | J1606108-007 | I:\MS04\DATA\MS04-160912\0912-021.D\ | 9/12/16 17:19 |
| Duplicate Lab Control Sample | JQ1606762-03 | I:\MS04\DATA\MS04-160912\0912-015.D\ | 9/12/16 14:23 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:
Project:Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16Service Request: J1606108
Date Analyzed: 9/6/16 12:40

Tune Summary
Semivolatile Organic Compounds by GC/MS

File ID: I:\MS04\DATA\MS04-160906\0906-004.D\
Instrument ID: J-MS-04Analytical Method: 8270D
Analysis Lot: 513023

| Target Mass | Relative to Mass | Lower Limit% | Upper Limit% | Relative Abundance % | Raw Abundance | Result Pass/Fail |
|-------------|------------------|--------------|--------------|----------------------|---------------|------------------|
| 51 | 198 | 30 | 60 | 40.46 | 90328 | Pass |
| 68 | 69 | 0 | 2 | 1.49 | 980 | Pass |
| 69 | 198 | 0 | 100 | 29.52 | 65892 | Pass |
| 70 | 69 | 0 | 2 | 0.60 | 397 | Pass |
| 127 | 198 | 40 | 60 | 54.01 | 120568 | Pass |
| 197 | 198 | 0 | 1 | 0.42 | 939 | Pass |
| 198 | 198 | 100 | 100 | 100.00 | 223228 | Pass |
| 199 | 198 | 5 | 9 | 6.16 | 13750 | Pass |
| 275 | 198 | 10 | 30 | 19.81 | 44224 | Pass |
| 365 | 198 | 1 | 100 | 2.44 | 5449 | Pass |
| 441 | 443 | 0.01 | 100 | 74.99 | 21079 | Pass |
| 442 | 198 | 40 | 200 | 63.26 | 141216 | Pass |
| 443 | 442 | 17 | 23 | 19.90 | 28108 | Pass |

| Sample Name | Lab Code | File ID | Date Analyzed | Q |
|-------------------------------------|--------------|--------------------------------------|---------------|---|
| Continuing Calibration Verification | JQ1606688-02 | I:\MS04\DATA\MS04-160906\0906-006.D\ | 9/6/16 13:28 | |
| Method Blank | JQ1606623-01 | I:\MS04\DATA\MS04-160906\0906-007.D\ | 9/6/16 13:56 | |
| Lab Control Sample | JQ1606623-02 | I:\MS04\DATA\MS04-160906\0906-008.D\ | 9/6/16 14:24 | |
| GAIN-FW-20B-03-082616 | J1606108-002 | I:\MS04\DATA\MS04-160906\0906-017.D\ | 9/6/16 18:37 | |
| GAIN-FW-20B-04-082616 | J1606108-003 | I:\MS04\DATA\MS04-160906\0906-018.D\ | 9/6/16 19:04 | |
| GAIN-FB-10-082616 | J1606108-004 | I:\MS04\DATA\MS04-160906\0906-019.D\ | 9/6/16 19:32 | |
| GAIN-FW-20B-02-082616 | J1606108-005 | I:\MS04\DATA\MS04-160906\0906-020.D\ | 9/6/16 20:00 | |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | I:\MS04\DATA\MS04-160906\0906-021.D\ | 9/6/16 20:27 | |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | I:\MS04\DATA\MS04-160906\0906-022.D\ | 9/6/16 20:55 | |
| GAIN-FW-20B-01-082616 | J1606108-006 | I:\MS04\DATA\MS04-160906\0906-023.D\ | 9/6/16 21:22 | |
| GAIN-EB-10-082616 | J1606108-007 | I:\MS04\DATA\MS04-160906\0906-024.D\ | 9/6/16 21:50 | |
| GAIN-FW-99P-082616 | J1606108-008 | I:\MS04\DATA\MS04-160906\0906-025.D\ | 9/6/16 22:17 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:
Project:Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16Service Request: J1606108
Date Analyzed: 9/12/16 08:49

Tune Summary
Semivolatile Organic Compounds by GC/MS

File ID: I:\MS04\DATA\MS04-160912\0912-003.D\
Instrument ID: J-MS-04Analytical Method: 8270D
Analysis Lot: 513803

| Target Mass | Relative to Mass | Lower Limit% | Upper Limit% | Relative Abundance % | Raw Abundance | Result Pass/Fail |
|-------------|------------------|--------------|--------------|----------------------|---------------|------------------|
| 51 | 198 | 30 | 60 | 50.66 | 151360 | Pass |
| 68 | 69 | 0 | 2 | 1.25 | 1249 | Pass |
| 69 | 198 | 0 | 100 | 33.58 | 100312 | Pass |
| 70 | 69 | 0 | 2 | 0.59 | 590 | Pass |
| 127 | 198 | 40 | 60 | 59.51 | 177792 | Pass |
| 197 | 198 | 0 | 1 | 0.50 | 1480 | Pass |
| 198 | 198 | 100 | 100 | 100.00 | 298752 | Pass |
| 199 | 198 | 5 | 9 | 6.32 | 18872 | Pass |
| 275 | 198 | 10 | 30 | 19.06 | 56936 | Pass |
| 365 | 198 | 1 | 100 | 2.16 | 6448 | Pass |
| 441 | 443 | 0.01 | 100 | 81.12 | 21968 | Pass |
| 442 | 198 | 40 | 200 | 45.69 | 136512 | Pass |
| 443 | 442 | 17 | 23 | 19.84 | 27080 | Pass |

| Sample Name | Lab Code | File ID | Date Analyzed | Q |
|-------------------------------------|--------------|--------------------------------------|---------------|---|
| Continuing Calibration Verification | JQ1606844-02 | I:\MS04\DATA\MS04-160912\0912-005.D\ | 9/12/16 09:37 | |
| Method Blank | JQ1606762-01 | I:\MS04\DATA\MS04-160912\0912-013.D\ | 9/12/16 13:24 | |
| Lab Control Sample | JQ1606762-02 | I:\MS04\DATA\MS04-160912\0912-014.D\ | 9/12/16 13:54 | |
| Duplicate Lab Control Sample | JQ1606762-03 | I:\MS04\DATA\MS04-160912\0912-015.D\ | 9/12/16 14:23 | |
| GAIN-FW-20B-03-082616RE | J1606108-002 | I:\MS04\DATA\MS04-160912\0912-016.D\ | 9/12/16 14:52 | |
| GAIN-FW-20B-04-082616RE | J1606108-003 | I:\MS04\DATA\MS04-160912\0912-017.D\ | 9/12/16 15:22 | |
| GAIN-FB-10-082616RE | J1606108-004 | I:\MS04\DATA\MS04-160912\0912-018.D\ | 9/12/16 15:53 | |
| GAIN-FW-20B-02-082616RE | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-019.D\ | 9/12/16 16:22 | |
| GAIN-FW-20B-01-082616RE | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-020.D\ | 9/12/16 16:51 | |
| GAIN-EB-10-082616RE | J1606108-007 | I:\MS04\DATA\MS04-160912\0912-021.D\ | 9/12/16 17:19 | |
| GAIN-FW-99P-082616RE | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-022.D\ | 9/12/16 17:47 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:
Project:Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16Service Request: J1606108
Date Analyzed: 9/12/16 22:55

Tune Summary
Semivolatile Organic Compounds by GC/MS

File ID: I:\MS04\DATA\MS04-160912\0912-033.D\
Instrument ID: J-MS-04Analytical Method: 8270D
Analysis Lot: 513847

| Target Mass | Relative to Mass | Lower Limit% | Upper Limit% | Relative Abundance % | Raw Abundance | Result Pass/Fail |
|-------------|------------------|--------------|--------------|----------------------|---------------|------------------|
| 51 | 198 | 30 | 60 | 44.95 | 31007 | Pass |
| 68 | 69 | 0 | 2 | 1.48 | 301 | Pass |
| 69 | 198 | 0 | 100 | 29.42 | 20298 | Pass |
| 70 | 69 | 0 | 2 | 0.39 | 80 | Pass |
| 127 | 198 | 40 | 60 | 56.26 | 38811 | Pass |
| 197 | 198 | 0 | 1 | 0.67 | 460 | Pass |
| 198 | 198 | 100 | 100 | 100.00 | 68988 | Pass |
| 199 | 198 | 5 | 9 | 6.70 | 4625 | Pass |
| 275 | 198 | 10 | 30 | 22.23 | 15339 | Pass |
| 365 | 198 | 1 | 100 | 2.80 | 1935 | Pass |
| 441 | 443 | 0.01 | 100 | 79.24 | 7446 | Pass |
| 442 | 198 | 40 | 200 | 68.63 | 47346 | Pass |
| 443 | 442 | 17 | 23 | 19.85 | 9397 | Pass |

| Sample Name | Lab Code | File ID | Date Analyzed | Q |
|-------------------------------------|--------------|--------------------------------------|---------------|---|
| Continuing Calibration Verification | JQ1606857-02 | I:\MS04\DATA\MS04-160912\0912-035.D\ | 9/12/16 23:42 | |
| GAIN-FW-20B-02-082616DL | J1606108-005 | I:\MS04\DATA\MS04-160912\0912-054.D\ | 9/13/16 08:28 | |
| GAIN-FW-20B-01-082616DL | J1606108-006 | I:\MS04\DATA\MS04-160912\0912-055.D\ | 9/13/16 09:06 | |
| GAIN-FW-99P-082616DL | J1606108-008 | I:\MS04\DATA\MS04-160912\0912-056.D\ | 9/13/16 09:34 | |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/17/16

Initial Calibration Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059**Signal ID:** 1**Instrument ID:** J-MS-04

| # | File Location | Acquisition Date | # | File Location | Acquisition Date |
|----|-------------------------------------|------------------|----|-------------------------------------|------------------|
| 01 | I:\MS04\DATA\MS04-160817\0817-005.D | 8/17/16 11:06 | 02 | I:\MS04\DATA\MS04-160817\0817-006.D | 8/17/16 11:34 |
| 03 | I:\MS04\DATA\MS04-160817\0817-007.D | 8/17/16 12:02 | 04 | I:\MS04\DATA\MS04-160817\0817-008.D | 8/17/16 12:30 |
| 05 | I:\MS04\DATA\MS04-160817\0817-009.D | 8/17/16 12:58 | 06 | I:\MS04\DATA\MS04-160817\0817-010.D | 8/17/16 13:26 |
| 07 | I:\MS04\DATA\MS04-160817\0817-011.D | 8/17/16 13:54 | 08 | I:\MS04\DATA\MS04-160817\0817-012.D | 8/17/16 14:23 |

Analyte

2,4-Dimethylphenol

| # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|--------|----|--------|--------|
| 01 | 5.0000 | 0.3226 | 02 | 10.000 | 0.3165 | 03 | 20.000 | 0.3357 | 04 | 40.000 | 0.3917 |
| 05 | 50.000 | 0.4010 | 06 | 60.000 | 0.3829 | 07 | 80.000 | 0.3813 | 08 | 100.00 | 0.3982 |

2-Methylnaphthalene

| # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|--------|----|--------|--------|
| 01 | 5.0000 | 0.7796 | 02 | 10.000 | 0.7289 | 03 | 20.000 | 0.7838 | 04 | 40.000 | 0.8924 |
| 05 | 50.000 | 0.8877 | 06 | 60.000 | 0.8549 | 07 | 80.000 | 0.8585 | 08 | 100.00 | 0.8784 |

2-Methylphenol

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.473 | 02 | 10.000 | 1.418 | 03 | 20.000 | 1.483 | 04 | 40.000 | 1.659 |
| 05 | 50.000 | 1.645 | 06 | 60.000 | 1.589 | 07 | 80.000 | 1.582 | 08 | 100.00 | 1.558 |

3- and 4-Methylphenol Coelution

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.522 | 02 | 10.000 | 1.446 | 03 | 20.000 | 1.572 | 04 | 40.000 | 1.792 |
| 05 | 50.000 | 1.786 | 06 | 60.000 | 1.732 | 07 | 80.000 | 1.734 | 08 | 100.00 | 1.738 |

Acenaphthene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.409 | 02 | 10.000 | 1.372 | 03 | 20.000 | 1.437 | 04 | 40.000 | 1.628 |
| 05 | 50.000 | 1.652 | 06 | 60.000 | 1.600 | 07 | 80.000 | 1.584 | 08 | 100.00 | 1.603 |

Acenaphthylene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 2.436 | 02 | 10.000 | 2.386 | 03 | 20.000 | 2.499 | 04 | 40.000 | 2.798 |
| 05 | 50.000 | 2.810 | 06 | 60.000 | 2.740 | 07 | 80.000 | 2.721 | 08 | 100.00 | 2.775 |

Anthracene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.255 | 02 | 10.000 | 1.217 | 03 | 20.000 | 1.309 | 04 | 40.000 | 1.509 |
| 05 | 50.000 | 1.522 | 06 | 60.000 | 1.481 | 07 | 80.000 | 1.493 | 08 | 100.00 | 1.512 |

Benz(a)anthracene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.346 | 02 | 10.000 | 1.298 | 03 | 20.000 | 1.358 | 04 | 40.000 | 1.549 |
| 05 | 50.000 | 1.560 | 06 | 60.000 | 1.475 | 07 | 80.000 | 1.512 | 08 | 100.00 | 1.532 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:

Beazer East, Inc.

Service Request: J1606108**Project:**

Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Calibration Date: 8/17/16

Initial Calibration Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059**Signal ID:** 1**Instrument ID:** J-MS-04**Analyte****Benzo(a)pyrene**

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.141 | 02 | 10.000 | 1.141 | 03 | 20.000 | 1.246 | 04 | 40.000 | 1.489 |
| 05 | 50.000 | 1.539 | 06 | 60.000 | 1.458 | 07 | 80.000 | 1.531 | 08 | 100.00 | 1.560 |

Benzo(b)fluoranthene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.384 | 02 | 10.000 | 1.357 | 03 | 20.000 | 1.470 | 04 | 40.000 | 1.775 |
| 05 | 50.000 | 1.831 | 06 | 60.000 | 1.767 | 07 | 80.000 | 1.771 | 08 | 100.00 | 1.872 |

Benzo(g,h,i)perylene

| # | Amount | RF | # | Amount | RF | # | Amount | RF | # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 0.9954 | 02 | 10.000 | 0.9822 | 03 | 20.000 | 1.077 | 04 | 40.000 | 1.313 |
| 05 | 50.000 | 1.358 | 06 | 60.000 | 1.317 | 07 | 80.000 | 1.377 | 08 | 100.00 | 1.419 |

Benzo(k)fluoranthene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.276 | 02 | 10.000 | 1.263 | 03 | 20.000 | 1.382 | 04 | 40.000 | 1.560 |
| 05 | 50.000 | 1.556 | 06 | 60.000 | 1.523 | 07 | 80.000 | 1.557 | 08 | 100.00 | 1.576 |

Carbazole

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.297 | 02 | 10.000 | 1.273 | 03 | 20.000 | 1.359 | 04 | 40.000 | 1.554 |
| 05 | 50.000 | 1.578 | 06 | 60.000 | 1.527 | 07 | 80.000 | 1.539 | 08 | 100.00 | 1.553 |

Chrysene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.231 | 02 | 10.000 | 1.133 | 03 | 20.000 | 1.186 | 04 | 40.000 | 1.346 |
| 05 | 50.000 | 1.362 | 06 | 60.000 | 1.295 | 07 | 80.000 | 1.316 | 08 | 100.00 | 1.334 |

Dibenz(a,h)anthracene

| # | Amount | RF | # | Amount | RF | # | Amount | RF | # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 0.9574 | 02 | 10.000 | 0.9654 | 03 | 20.000 | 1.067 | 04 | 40.000 | 1.299 |
| 05 | 50.000 | 1.355 | 06 | 60.000 | 1.318 | 07 | 80.000 | 1.388 | 08 | 100.00 | 1.439 |

Dibenzofuran

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.947 | 02 | 10.000 | 1.897 | 03 | 20.000 | 1.972 | 04 | 40.000 | 2.213 |
| 05 | 50.000 | 2.220 | 06 | 60.000 | 2.165 | 07 | 80.000 | 2.182 | 08 | 100.00 | 2.196 |

Fluoranthene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.093 | 02 | 10.000 | 1.084 | 03 | 20.000 | 1.177 | 04 | 40.000 | 1.378 |
| 05 | 50.000 | 1.419 | 06 | 60.000 | 1.369 | 07 | 80.000 | 1.398 | 08 | 100.00 | 1.408 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/17/16

Initial Calibration Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059

Signal ID: 1

Instrument ID: J-MS-04

Analyte

Fluorene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.674 | 02 | 10.000 | 1.613 | 03 | 20.000 | 1.748 | 04 | 40.000 | 2.012 |
| 05 | 50.000 | 2.021 | 06 | 60.000 | 1.968 | 07 | 80.000 | 1.966 | 08 | 100.00 | 1.948 |

Indeno(1,2,3-cd)pyrene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.138 | 02 | 10.000 | 1.150 | 03 | 20.000 | 1.281 | 04 | 40.000 | 1.595 |
| 05 | 50.000 | 1.657 | 06 | 60.000 | 1.587 | 07 | 80.000 | 1.691 | 08 | 100.00 | 1.753 |

Naphthalene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.191 | 02 | 10.000 | 1.103 | 03 | 20.000 | 1.171 | 04 | 40.000 | 1.319 |
| 05 | 50.000 | 1.316 | 06 | 60.000 | 1.252 | 07 | 80.000 | 1.240 | 08 | 100.00 | 1.265 |

Pentachlorophenol (PCP)

| # | Amount | RF |
|----|--------|---------|----|--------|---------|----|--------|---------|----|--------|---------|
| 02 | 10.000 | 0.03977 | 03 | 20.000 | 0.05214 | 04 | 40.000 | 0.07140 | 05 | 50.000 | 0.07570 |
| 06 | 60.000 | 0.07674 | 07 | 80.000 | 0.08170 | 08 | 100.00 | 0.09007 | | | |

Phenanthrene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.292 | 02 | 10.000 | 1.248 | 03 | 20.000 | 1.308 | 04 | 40.000 | 1.495 |
| 05 | 50.000 | 1.514 | 06 | 60.000 | 1.456 | 07 | 80.000 | 1.488 | 08 | 100.00 | 1.497 |

Phenol

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.929 | 02 | 10.000 | 1.859 | 03 | 20.000 | 1.972 | 04 | 40.000 | 2.225 |
| 05 | 50.000 | 2.218 | 06 | 60.000 | 2.118 | 07 | 80.000 | 2.132 | 08 | 100.00 | 2.123 |

Pyrene

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.631 | 02 | 10.000 | 1.628 | 03 | 20.000 | 1.719 | 04 | 40.000 | 2.094 |
| 05 | 50.000 | 2.129 | 06 | 60.000 | 2.025 | 07 | 80.000 | 2.063 | 08 | 100.00 | 2.093 |

2,4,6-Tribromophenol

| # | Amount | RF |
|----|--------|---------|----|--------|---------|----|--------|---------|----|--------|---------|
| 01 | 5.0000 | 0.04168 | 02 | 10.000 | 0.04652 | 03 | 20.000 | 0.05530 | 04 | 40.000 | 0.06979 |
| 05 | 50.000 | 0.07359 | 06 | 60.000 | 0.07461 | 07 | 80.000 | 0.07789 | 08 | 100.00 | 0.08161 |

Phenol-d6

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.810 | 02 | 10.000 | 1.747 | 03 | 20.000 | 1.829 | 04 | 40.000 | 2.108 |
| 05 | 50.000 | 2.074 | 06 | 60.000 | 2.013 | 07 | 80.000 | 2.032 | 08 | 100.00 | 2.008 |

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client:

Beazer East, Inc.

Service Request: J1606108**Project:**

Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Calibration Date: 8/17/16

Initial Calibration Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059**Signal ID:** 1**Instrument ID:** J-MS-04**Analyte****Nitrobenzene-d5**

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.074 | 02 | 10.000 | 1.081 | 03 | 20.000 | 1.204 | 04 | 40.000 | 1.419 |
| 05 | 50.000 | 1.436 | 06 | 60.000 | 1.388 | 07 | 80.000 | 1.400 | 08 | 100.00 | 1.388 |

2-Fluorophenol

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.476 | 02 | 10.000 | 1.414 | 03 | 20.000 | 1.509 | 04 | 40.000 | 1.688 |
| 05 | 50.000 | 1.709 | 06 | 60.000 | 1.635 | 07 | 80.000 | 1.646 | 08 | 100.00 | 1.636 |

2-Fluorobiphenyl

| # | Amount | RF |
|----|--------|-------|----|--------|-------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 1.601 | 02 | 10.000 | 1.531 | 03 | 20.000 | 1.624 | 04 | 40.000 | 1.855 |
| 05 | 50.000 | 1.854 | 06 | 60.000 | 1.807 | 07 | 80.000 | 1.805 | 08 | 100.00 | 1.811 |

p-Terphenyl-d14

| # | Amount | RF | # | Amount | RF | # | Amount | RF | # | Amount | RF |
|----|--------|--------|----|--------|--------|----|--------|-------|----|--------|-------|
| 01 | 5.0000 | 0.9554 | 02 | 10.000 | 0.9445 | 03 | 20.000 | 1.005 | 04 | 40.000 | 1.227 |
| 05 | 50.000 | 1.248 | 06 | 60.000 | 1.199 | 07 | 80.000 | 1.229 | 08 | 100.00 | 1.266 |

Client:

Beazer East, Inc.

Service Request: J1606108

Project:

Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Calibration Date: 8/17/16

Initial Calibration Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059

Signal ID: 1

Instrument ID: J-MS-04

| Analyte Name | Compound Type | Calibration Evaluation | | | | | RRF Evaluation | | |
|---------------------------------|---------------|------------------------|-------|--------------|---|------------------|----------------|---|-------------|
| | | Fit Type | Eval. | Eval. Result | Q | Control Criteria | Average RRF | Q | Minimum RRF |
| 2,4-Dimethylphenol | TRG | Average RF | % RSD | 9.6 | | ≤ 20 | 0.3662 | | 0.2 |
| 2-Methylnaphthalene | TRG | Average RF | % RSD | 7.3 | | ≤ 20 | 0.8330 | | 0.4 |
| 2-Methylphenol | TRG | Average RF | % RSD | 5.5 | | ≤ 20 | 1.551 | | 0.7 |
| 3- and 4-Methylphenol Coelution | TRG | Average RF | % RSD | 8.0 | | ≤ 20 | 1.665 | | 0.6 |
| Acenaphthene | TRG | Average RF | % RSD | 7.2 | | ≤ 20 | 1.535 | | 0.9 |
| Acenaphthylene | TRG | Average RF | % RSD | 6.6 | | ≤ 20 | 2.646 | | 0.9 |
| Anthracene | TRG | Average RF | % RSD | 9.1 | | ≤ 20 | 1.412 | | 0.7 |
| Benz(a)anthracene | TRG | Average RF | % RSD | 7.1 | | ≤ 20 | 1.454 | | 0.8 |
| Benzo(a)pyrene | TRG | Average RF | % RSD | 13.1 | | ≤ 20 | 1.388 | | 0.7 |
| Benzo(b)fluoranthene | TRG | Average RF | % RSD | 12.8 | | ≤ 20 | 1.653 | | 0.7 |
| Benzo(g,h,i)perylene | TRG | Average RF | % RSD | 14.7 | | ≤ 20 | 1.230 | | 0.5 |
| Benzo(k)fluoranthene | TRG | Average RF | % RSD | 9.1 | | ≤ 20 | 1.461 | | 0.7 |
| Carbazole | TRG | Average RF | % RSD | 8.7 | | ≤ 20 | 1.460 | | 0.01 |
| Chrysene | TRG | Average RF | % RSD | 6.5 | | ≤ 20 | 1.276 | | 0.7 |
| Dibenz(a,h)anthracene | TRG | Linear | R2 | 0.998 | | ≥ 0.990 | NA | | 0.4 |
| Dibenzofuran | TRG | Average RF | % RSD | 6.5 | | ≤ 20 | 2.099 | | 0.8 |
| Fluoranthene | TRG | Average RF | % RSD | 11.3 | | ≤ 20 | 1.291 | | 0.6 |
| Fluorene | TRG | Average RF | % RSD | 8.8 | | ≤ 20 | 1.869 | | 0.9 |
| Indeno(1,2,3-cd)pyrene | TRG | Linear | R2 | 0.998 | | ≥ 0.990 | NA | | 0.5 |
| Naphthalene | TRG | Average RF | % RSD | 6.0 | | ≤ 20 | 1.232 | | 0.7 |
| Pentachlorophenol (PCP) | TRG | Linear | R2 | 0.994 | | ≥ 0.990 | NA | | 0.05 |
| Phenanthrene | TRG | Average RF | % RSD | 7.8 | | ≤ 20 | 1.412 | | 0.7 |
| Phenol | TRG | Average RF | % RSD | 6.5 | | ≤ 20 | 2.072 | | 0.8 |
| Pyrene | TRG | Average RF | % RSD | 11.5 | | ≤ 20 | 1.923 | | 0.6 |
| 2,4,6-Tribromophenol | SURR | Linear | R2 | 0.997 | | ≥ 0.990 | NA | | |
| Phenol-d6 | SURR | Average RF | % RSD | 7.0 | | ≤ 20 | 1.953 | | |
| Nitrobenzene-d5 | SURR | Average RF | % RSD | 11.9 | | ≤ 20 | 1.299 | | |
| 2-Fluorophenol | SURR | Average RF | % RSD | 6.8 | | ≤ 20 | 1.589 | | |
| 2-Fluorobiphenyl | SURR | Average RF | % RSD | 7.4 | | ≤ 20 | 1.736 | | |
| p-Terphenyl-d14 | SURR | Average RF | % RSD | 12.3 | | ≤ 20 | 1.134 | | |

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Calibration Date: 8/17/16

Initial Calibration Verification Summary
Semivolatile Organic Compounds by GC/MS

Calibration ID: JC1600059**Signal ID:** 1**Instrument ID:** J-MS-04

| # | File Location | Acquisition Date |
|---|---------------|------------------|
|---|---------------|------------------|

| | | |
|----|-------------------------------------|---------------|
| 09 | I:\MS04\DATA\MS04-160817\0817-013.D | 8/17/16 14:51 |
|----|-------------------------------------|---------------|

| Analyte Name | Expected | Result | Average RF | SSV RF | %D | Criteria | Curve Fit |
|---------------------------------|----------|--------|------------|---------|-------|----------|------------|
| 2,4-Dimethylphenol | 50.0 | 59.5 | 0.3662 | 0.4361 | 19.07 | ±30 | Average RF |
| 2-Methylnaphthalene | 50.0 | 58.2 | 0.8330 | 0.9696 | 16.40 | ±30 | Average RF |
| 2-Methylphenol | 50.0 | 57.6 | 1.551 | 1.787 | 15.21 | ±30 | Average RF |
| 3- and 4-Methylphenol Coelution | 50.0 | 58.0 | 1.665 | 1.931 | 15.94 | ±30 | Average RF |
| Acenaphthene | 50.0 | 59.9 | 1.535 | 1.841 | 19.88 | ±30 | Average RF |
| Acenaphthylene | 50.0 | 59.0 | 2.646 | 3.123 | 18.06 | ±30 | Average RF |
| Anthracene | 50.0 | 58.5 | 1.412 | 1.651 | 16.93 | ±30 | Average RF |
| Benz(a)anthracene | 50.0 | 54.6 | 1.454 | 1.587 | 9.13 | ±30 | Average RF |
| Benzo(a)pyrene | 50.0 | 56.3 | 1.388 | 1.564 | 12.67 | ±30 | Average RF |
| Benzo(b)fluoranthene | 50.0 | 57.0 | 1.653 | 1.883 | 13.91 | ±30 | Average RF |
| Benzo(g,h,i)perylene | 50.0 | 56.7 | 1.230 | 1.394 | 13.36 | ±30 | Average RF |
| Benzo(k)fluoranthene | 50.0 | 56.2 | 1.461 | 1.643 | 12.45 | ±30 | Average RF |
| Carbazole | 50.0 | 58.3 | 1.460 | 1.703 | 16.65 | ±30 | Average RF |
| Chrysene | 50.0 | 54.7 | 1.276 | 1.396 | 9.41 | ±30 | Average RF |
| Dibenz(a,h)anthracene | 50.0 | 51.3 | 1.224 | 1.391 | 2.66 | ±30 | Linear |
| Dibenzofuran | 50.0 | 58.4 | 2.099 | 2.450 | 16.73 | ±30 | Average RF |
| Fluoranthene | 50.0 | 59.3 | 1.291 | 1.530 | 18.51 | ±30 | Average RF |
| Fluorene | 50.0 | 59.0 | 1.869 | 2.204 | 17.97 | ±30 | Average RF |
| Indeno(1,2,3-cd)pyrene | 50.0 | 51.3 | 1.482 | 1.692 | 2.66 | ±30 | Linear |
| Naphthalene | 50.0 | 57.5 | 1.232 | 1.417 | 15.01 | ±30 | Average RF |
| Pentachlorophenol (PCP) | 50.0 | 54.1 | 0.06965 | 0.08563 | 8.11 | ±30 | Linear |
| Phenanthrene | 50.0 | 56.9 | 1.412 | 1.607 | 13.75 | ±30 | Average RF |
| Phenol | 50.0 | 56.8 | 2.072 | 2.353 | 13.58 | ±30 | Average RF |
| Pyrene | 50.0 | 55.2 | 1.923 | 2.122 | 10.34 | ±30 | Average RF |

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/6/16

Continuing Calibration Verification Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Calibration Date: 8/17/16
Calibration ID: JC1600059
Analysis Lot: 513023
Units: µg/mL

File ID: I:\MS04\DATA\MS04-160906\0906-006.D\

| Analyte Name | Expected | Result | Average RF | CCV RF | %D | %Drift | Criteria | Curve Fit |
|---------------------------------|----------|--------|------------|--------|-------|--------|----------|------------|
| 2,4-Dimethylphenol | 50.0 | 46.5 | 0.3662 | 0.3405 | -7.0 | NA | ± 20 % | Average RF |
| 2-Methylnaphthalene | 50.0 | 47.0 | 0.8330 | 0.7825 | -6.1 | NA | ± 20 % | Average RF |
| 2-Methylphenol | 50.0 | 47.9 | 1.551 | 1.485 | -4.3 | NA | ± 20 % | Average RF |
| 3- and 4-Methylphenol Coelution | 50.0 | 53.1 | 1.665 | 1.768 | 6.2 | NA | ± 20 % | Average RF |
| Acenaphthene | 50.0 | 40.8 | 1.535 | 1.253 | -18.4 | NA | ± 20 % | Average RF |
| Acenaphthylene | 50.0 | 41.3 | 2.646 | 2.182 | -17.5 | NA | ± 20 % | Average RF |
| Anthracene | 50.0 | 47.8 | 1.412 | 1.350 | -4.4 | NA | ± 20 % | Average RF |
| Benz(a)anthracene | 50.0 | 46.9 | 1.454 | 1.363 | -6.3 | NA | ± 20 % | Average RF |
| Benzo(a)pyrene | 50.0 | 48.5 | 1.388 | 1.348 | -2.9 | NA | ± 20 % | Average RF |
| Benzo(b)fluoranthene | 50.0 | 47.4 | 1.653 | 1.569 | -5.1 | NA | ± 20 % | Average RF |
| Benzo(g,h,i)perylene | 50.0 | 47.9 | 1.230 | 1.178 | -4.2 | NA | ± 20 % | Average RF |
| Benzo(k)fluoranthene | 50.0 | 49.4 | 1.461 | 1.445 | -1.1 | NA | ± 20 % | Average RF |
| Carbazole | 50.0 | 49.8 | 1.460 | 1.453 | -0.5 | NA | ± 20 % | Average RF |
| Chrysene | 50.0 | 46.9 | 1.276 | 1.195 | -6.3 | NA | ± 20 % | Average RF |
| Dibenz(a,h)anthracene | 50.0 | 44.1 | NA | NA | NA | -11.8 | ± 20 % | Linear |
| Dibenzofuran | 50.0 | 42.8 | 2.099 | 1.795 | -14.5 | NA | ± 20 % | Average RF |
| Fluoranthene | 50.0 | 50.0 | 1.291 | 1.292 | 0.1 | NA | ± 20 % | Average RF |
| Fluorene | 50.0 | 41.9 | 1.869 | 1.564 | -16.3 | NA | ± 20 % | Average RF |
| Indeno(1,2,3-cd)pyrene | 50.0 | 44.0 | NA | NA | NA | -12.0 | ± 20 % | Linear |
| Naphthalene | 50.0 | 50.5 | 1.232 | 1.244 | 0.9 | NA | ± 20 % | Average RF |
| Pentachlorophenol (PCP) | 50.0 | 52.1 | NA | NA | NA | 4.2 | ± 20 % | Linear |
| Phenanthrene | 50.0 | 47.1 | 1.412 | 1.329 | -5.9 | NA | ± 20 % | Average RF |
| Phenol | 50.0 | 49.7 | 2.072 | 2.057 | -0.7 | NA | ± 20 % | Average RF |
| Pyrene | 50.0 | 42.5 | 1.923 | 1.634 | -15.0 | NA | ± 20 % | Average RF |
| 2,4,6-Tribromophenol | 50.0 | 51.9 | NA | NA | NA | 3.7 | ± 20 % | Linear |
| Phenol-d6 | 50.0 | 48.8 | 1.953 | 1.907 | -2.4 | NA | ± 20 % | Average RF |
| Nitrobenzene-d5 | 50.0 | 53.0 | 1.299 | 1.377 | 6.0 | NA | ± 20 % | Average RF |
| 2-Fluorophenol | 50.0 | 49.2 | 1.589 | 1.562 | -1.7 | NA | ± 20 % | Average RF |
| 2-Fluorobiphenyl | 50.0 | 48.0 | 1.736 | 1.666 | -4.0 | NA | ± 20 % | Average RF |
| p-Terphenyl-d14 | 50.0 | 44.0 | 1.134 | 0.9978 | -12.0 | NA | ± 20 % | Average RF |

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108
Date Analyzed: 9/12/16

Continuing Calibration Verification Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Calibration Date: 8/17/16
Calibration ID: JC1600059
Analysis Lot: 513803
Units: µg/mL

File ID: I:\MS04\DATA\MS04-160912\0912-005.D\

| Analyte Name | Expected | Result | Average RF | CCV RF | %D | %Drift | Criteria | Curve Fit |
|---------------------------------|----------|--------|------------|--------|------|--------|----------|------------|
| 2,4-Dimethylphenol | 50.0 | 49.7 | 0.3662 | 0.3642 | -0.5 | NA | ± 20 % | Average RF |
| 2-Methylnaphthalene | 50.0 | 49.3 | 0.8330 | 0.8214 | -1.4 | NA | ± 20 % | Average RF |
| 2-Methylphenol | 50.0 | 48.5 | 1.551 | 1.504 | -3.0 | NA | ± 20 % | Average RF |
| 3- and 4-Methylphenol Coelution | 50.0 | 48.2 | 1.665 | 1.606 | -3.6 | NA | ± 20 % | Average RF |
| Acenaphthene | 50.0 | 47.8 | 1.535 | 1.467 | -4.4 | NA | ± 20 % | Average RF |
| Acenaphthylene | 50.0 | 48.1 | 2.646 | 2.547 | -3.7 | NA | ± 20 % | Average RF |
| Anthracene | 50.0 | 48.8 | 1.412 | 1.379 | -2.3 | NA | ± 20 % | Average RF |
| Benz(a)anthracene | 50.0 | 49.6 | 1.454 | 1.443 | -0.7 | NA | ± 20 % | Average RF |
| Benzo(a)pyrene | 50.0 | 51.1 | 1.388 | 1.419 | 2.2 | NA | ± 20 % | Average RF |
| Benzo(b)fluoranthene | 50.0 | 49.0 | 1.653 | 1.621 | -1.9 | NA | ± 20 % | Average RF |
| Benzo(g,h,i)perylene | 50.0 | 51.6 | 1.230 | 1.270 | 3.3 | NA | ± 20 % | Average RF |
| Benzo(k)fluoranthene | 50.0 | 51.5 | 1.461 | 1.506 | 3.1 | NA | ± 20 % | Average RF |
| Carbazole | 50.0 | 48.0 | 1.460 | 1.401 | -4.0 | NA | ± 20 % | Average RF |
| Chrysene | 50.0 | 50.4 | 1.276 | 1.285 | 0.7 | NA | ± 20 % | Average RF |
| Dibenz(a,h)anthracene | 50.0 | 46.1 | NA | NA | NA | -7.8 | ± 20 % | Linear |
| Dibenzofuran | 50.0 | 50.4 | 2.099 | 2.114 | 0.7 | NA | ± 20 % | Average RF |
| Fluoranthene | 50.0 | 50.9 | 1.291 | 1.313 | 1.7 | NA | ± 20 % | Average RF |
| Fluorene | 50.0 | 47.9 | 1.869 | 1.790 | -4.2 | NA | ± 20 % | Average RF |
| Indeno(1,2,3-cd)pyrene | 50.0 | 46.2 | NA | NA | NA | -7.7 | ± 20 % | Linear |
| Naphthalene | 50.0 | 49.4 | 1.232 | 1.217 | -1.2 | NA | ± 20 % | Average RF |
| Pentachlorophenol (PCP) | 50.0 | 53.6 | NA | NA | NA | 7.2 | ± 20 % | Linear |
| Phenanthrene | 50.0 | 48.5 | 1.412 | 1.369 | -3.1 | NA | ± 20 % | Average RF |
| Phenol | 50.0 | 48.7 | 2.072 | 2.019 | -2.5 | NA | ± 20 % | Average RF |
| Pyrene | 50.0 | 49.0 | 1.923 | 1.885 | -1.9 | NA | ± 20 % | Average RF |
| 2,4,6-Tribromophenol | 50.0 | 53.9 | NA | NA | NA | 7.9 | ± 20 % | Linear |
| Phenol-d6 | 50.0 | 49.5 | 1.953 | 1.932 | -1.1 | NA | ± 20 % | Average RF |
| Nitrobenzene-d5 | 50.0 | 54.6 | 1.299 | 1.418 | 9.2 | NA | ± 20 % | Average RF |
| 2-Fluorophenol | 50.0 | 49.7 | 1.589 | 1.580 | -0.6 | NA | ± 20 % | Average RF |
| 2-Fluorobiphenyl | 50.0 | 49.1 | 1.736 | 1.704 | -1.8 | NA | ± 20 % | Average RF |
| p-Terphenyl-d14 | 50.0 | 48.8 | 1.134 | 1.107 | -2.4 | NA | ± 20 % | Average RF |

Client:
Project:Beazer East, Inc.
Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16Service Request: J1606108
Date Analyzed: 9/12/16Continuing Calibration Verification Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Calibration Date: 8/17/16
Calibration ID: JC1600059
Analysis Lot: 513847
Units: µg/mL

File ID: I:\MS04\DATA\MS04-160912\0912-035.D\

| Analyte Name | Expected | Result | Average RF | CCV RF | %D | %Drift | Criteria | Curve Fit |
|---------------------------------|----------|--------|------------|--------|------|--------|----------|------------|
| 2,4-Dimethylphenol | 50.0 | 50.0 | 0.3662 | 0.3662 | 0.0 | NA | ± 20 % | Average RF |
| 2-Methylnaphthalene | 50.0 | 49.4 | 0.8330 | 0.8225 | -1.3 | NA | ± 20 % | Average RF |
| 2-Methylphenol | 50.0 | 48.1 | 1.551 | 1.491 | -3.9 | NA | ± 20 % | Average RF |
| 3- and 4-Methylphenol Coelution | 50.0 | 46.7 | 1.665 | 1.556 | -6.5 | NA | ± 20 % | Average RF |
| Acenaphthene | 50.0 | 47.7 | 1.535 | 1.464 | -4.7 | NA | ± 20 % | Average RF |
| Acenaphthylene | 50.0 | 48.3 | 2.646 | 2.554 | -3.5 | NA | ± 20 % | Average RF |
| Anthracene | 50.0 | 49.0 | 1.412 | 1.385 | -2.0 | NA | ± 20 % | Average RF |
| Benz(a)anthracene | 50.0 | 49.4 | 1.454 | 1.437 | -1.2 | NA | ± 20 % | Average RF |
| Benzo(a)pyrene | 50.0 | 50.5 | 1.388 | 1.403 | 1.1 | NA | ± 20 % | Average RF |
| Benzo(b)fluoranthene | 50.0 | 49.5 | 1.653 | 1.637 | -1.0 | NA | ± 20 % | Average RF |
| Benzo(g,h,i)perylene | 50.0 | 51.0 | 1.230 | 1.254 | 2.0 | NA | ± 20 % | Average RF |
| Benzo(k)fluoranthene | 50.0 | 50.3 | 1.461 | 1.471 | 0.7 | NA | ± 20 % | Average RF |
| Carbazole | 50.0 | 47.8 | 1.460 | 1.395 | -4.5 | NA | ± 20 % | Average RF |
| Chrysene | 50.0 | 50.9 | 1.276 | 1.298 | 1.8 | NA | ± 20 % | Average RF |
| Dibenz(a,h)anthracene | 50.0 | 46.1 | NA | NA | NA | -7.8 | ± 20 % | Linear |
| Dibenzofuran | 50.0 | 50.2 | 2.099 | 2.108 | 0.4 | NA | ± 20 % | Average RF |
| Fluoranthene | 50.0 | 50.8 | 1.291 | 1.311 | 1.5 | NA | ± 20 % | Average RF |
| Fluorene | 50.0 | 47.2 | 1.869 | 1.762 | -5.7 | NA | ± 20 % | Average RF |
| Indeno(1,2,3-cd)pyrene | 50.0 | 46.1 | NA | NA | NA | -7.7 | ± 20 % | Linear |
| Naphthalene | 50.0 | 49.5 | 1.232 | 1.219 | -1.1 | NA | ± 20 % | Average RF |
| Pentachlorophenol (PCP) | 50.0 | 52.5 | NA | NA | NA | 4.9 | ± 20 % | Linear |
| Phenanthrene | 50.0 | 49.1 | 1.412 | 1.388 | -1.7 | NA | ± 20 % | Average RF |
| Phenol | 50.0 | 47.9 | 2.072 | 1.984 | -4.2 | NA | ± 20 % | Average RF |
| Pyrene | 50.0 | 48.5 | 1.923 | 1.866 | -3.0 | NA | ± 20 % | Average RF |
| 2,4,6-Tribromophenol | 50.0 | 54.0 | NA | NA | NA | 8.0 | ± 20 % | Linear |
| Phenol-d6 | 50.0 | 49.1 | 1.953 | 1.917 | -1.8 | NA | ± 20 % | Average RF |
| Nitrobenzene-d5 | 50.0 | 54.0 | 1.299 | 1.404 | 8.1 | NA | ± 20 % | Average RF |
| 2-Fluorophenol | 50.0 | 49.4 | 1.589 | 1.569 | -1.3 | NA | ± 20 % | Average RF |
| 2-Fluorobiphenyl | 50.0 | 49.5 | 1.736 | 1.718 | -1.0 | NA | ± 20 % | Average RF |
| p-Terphenyl-d14 | 50.0 | 49.0 | 1.134 | 1.111 | -2.0 | NA | ± 20 % | Average RF |

Client: Beazer East, Inc.
 Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

Analysis Run Log
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Analysis Lot: 513023
 Instrument ID: J-MS-04

| Raw Data File | Sample Name | Lab Code | Date Analyzed | Time Analyzed | Q |
|---------------|-------------------------------------|--------------|---------------|---------------|---|
| 0830-053.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 07:23 | |
| 0830-054.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 07:51 | |
| 0830-055.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 08:18 | |
| 0830-056.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 08:46 | |
| 0830-057.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 09:13 | |
| 0830-058.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 09:41 | |
| 0830-059.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 10:09 | |
| 0830-060.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 10:37 | |
| 0906-004.D\ | Tune (Ion Ratios) | JQ1606688-01 | 9/6/16 | 12:40 | |
| 0906-006.D\ | Continuing Calibration Verification | JQ1606688-02 | 9/6/16 | 13:28 | |
| 0906-007.D\ | Method Blank | JQ1606623-01 | 9/6/16 | 13:56 | |
| 0906-008.D\ | Lab Control Sample | JQ1606623-02 | 9/6/16 | 14:24 | |
| 0906-009.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 14:52 | |
| 0906-010.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 15:20 | |
| 0906-011.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 15:49 | |
| 0906-012.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 16:17 | |
| 0906-013.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 16:45 | |
| 0906-014.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 17:13 | |
| 0906-015.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 17:41 | |
| 0906-016.D\ | ZZZZZZZ | ZZZZZZZ | 9/6/16 | 18:09 | |
| 0906-017.D\ | GAIN-FW-20B-03-082616 | J1606108-002 | 9/6/16 | 18:37 | |
| 0906-018.D\ | GAIN-FW-20B-04-082616 | J1606108-003 | 9/6/16 | 19:04 | |
| 0906-019.D\ | GAIN-FB-10-082616 | J1606108-004 | 9/6/16 | 19:32 | |
| 0906-020.D\ | GAIN-FW-20B-02-082616 | J1606108-005 | 9/6/16 | 20:00 | |
| 0906-021.D\ | GAIN-FW-20B-02-082616MS | JQ1606623-03 | 9/6/16 | 20:27 | |
| 0906-022.D\ | GAIN-FW-20B-02-082616DMS | JQ1606623-04 | 9/6/16 | 20:55 | |
| 0906-023.D\ | GAIN-FW-20B-01-082616 | J1606108-006 | 9/6/16 | 21:22 | |
| 0906-024.D\ | GAIN-EB-10-082616 | J1606108-007 | 9/6/16 | 21:50 | |
| 0906-025.D\ | GAIN-FW-99P-082616 | J1606108-008 | 9/6/16 | 22:17 | |

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

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Beazer East, Inc.
 Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

Analysis Run Log
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Analysis Lot: 513803
 Instrument ID: J-MS-04

| Raw Data File | Sample Name | Lab Code | Date Analyzed | Time Analyzed | Q |
|---------------|-------------------------------------|--------------|---------------|---------------|---|
| 0826-016.D\ | ZZZZZZZ | ZZZZZZZ | 8/26/16 | 17:07 | |
| 0826-017.D\ | ZZZZZZZ | ZZZZZZZ | 8/26/16 | 17:34 | |
| 0826-020.D\ | ZZZZZZZ | ZZZZZZZ | 8/26/16 | 18:56 | |
| 0830-025.D\ | ZZZZZZZ | ZZZZZZZ | 8/30/16 | 18:47 | |
| 0830-030.D\ | ZZZZZZZ | ZZZZZZZ | 8/30/16 | 21:05 | |
| 0830-037.D\ | ZZZZZZZ | ZZZZZZZ | 8/31/16 | 00:07 | |
| 0912-003.D\ | Tune (Ion Ratios) | JQ1606844-01 | 9/12/16 | 08:49 | |
| 0912-005.D\ | Continuing Calibration Verification | JQ1606844-02 | 9/12/16 | 09:37 | |
| 0912-006.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 10:06 | |
| 0912-007.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 10:34 | |
| 0912-008.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 11:02 | |
| 0912-009.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 11:30 | |
| 0912-010.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 11:58 | |
| 0912-011.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 12:26 | |
| 0912-012.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 12:55 | |
| 0912-013.D\ | Method Blank | JQ1606762-01 | 9/12/16 | 13:24 | |
| 0912-014.D\ | Lab Control Sample | JQ1606762-02 | 9/12/16 | 13:54 | |
| 0912-015.D\ | Duplicate Lab Control Sample | JQ1606762-03 | 9/12/16 | 14:23 | |
| 0912-016.D\ | GAIN-FW-20B-03-082616RE | J1606108-002 | 9/12/16 | 14:52 | |
| 0912-017.D\ | GAIN-FW-20B-04-082616RE | J1606108-003 | 9/12/16 | 15:22 | |
| 0912-018.D\ | GAIN-FB-10-082616RE | J1606108-004 | 9/12/16 | 15:53 | |
| 0912-019.D\ | GAIN-FW-20B-02-082616RE | J1606108-005 | 9/12/16 | 16:22 | |
| 0912-020.D\ | GAIN-FW-20B-01-082616RE | J1606108-006 | 9/12/16 | 16:51 | |
| 0912-021.D\ | GAIN-EB-10-082616RE | J1606108-007 | 9/12/16 | 17:19 | |
| 0912-022.D\ | GAIN-FW-99P-082616RE | J1606108-008 | 9/12/16 | 17:47 | |
| 0912-023.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 18:16 | |
| 0912-024.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 18:44 | |
| 0912-025.D\ | ZZZZZZZ | ZZZZZZZ | 9/12/16 | 19:12 | |

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

Client: Beazer East, Inc.
 Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16

Service Request: J1606108

Analysis Run Log
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D

Analysis Lot: 513847
 Instrument ID: J-MS-04

| Raw Data File | Sample Name | Lab Code | Date Analyzed | Time Analyzed | Q |
|---------------|-------------------------------------|--------------|---------------|---------------|---|
| 0829-021.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 18:36 | |
| 0829-022.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 19:04 | |
| 0829-023.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 19:31 | |
| 0829-024.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 19:59 | |
| 0829-025.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 20:26 | |
| 0829-026.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 20:53 | |
| 0829-027.D\ | ZZZZZZZ | ZZZZZZZ | 8/29/16 | 21:21 | |
| 0830-025.D\ | ZZZZZZZ | ZZZZZZZ | 8/30/16 | 18:47 | |
| 0901-017.D\ | ZZZZZZZ | ZZZZZZZ | 9/1/16 | 20:47 | |
| 0901-018.D\ | ZZZZZZZ | ZZZZZZZ | 9/1/16 | 21:13 | |
| 0901-022.D\ | ZZZZZZZ | ZZZZZZZ | 9/1/16 | 22:58 | |
| 0901-025.D\ | ZZZZZZZ | ZZZZZZZ | 9/2/16 | 00:16 | |
| 0906-043.D\ | ZZZZZZZ | ZZZZZZZ | 9/7/16 | 06:20 | |
| 0912-033.D\ | Tune (Ion Ratios) | JQ1606857-01 | 9/12/16 | 22:55 | |
| 0912-035.D\ | Continuing Calibration Verification | JQ1606857-02 | 9/12/16 | 23:42 | |
| 0912-036.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 00:10 | |
| 0912-037.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 00:37 | |
| 0912-038.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 01:05 | |
| 0912-039.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 01:33 | |
| 0912-040.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 02:00 | |
| 0912-041.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 02:28 | |
| 0912-043.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 03:23 | |
| 0912-045.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 04:19 | |
| 0912-047.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 05:14 | |
| 0912-049.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 06:09 | |
| 0912-050.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 06:37 | |
| 0912-052.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 07:32 | |
| 0912-053.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 08:00 | |
| 0912-054.D\ | GAIN-FW-20B-02-082616DL | J1606108-005 | 9/13/16 | 08:28 | |
| 0912-055.D\ | GAIN-FW-20B-01-082616DL | J1606108-006 | 9/13/16 | 09:06 | |
| 0912-056.D\ | GAIN-FW-99P-082616DL | J1606108-008 | 9/13/16 | 09:34 | |
| 0912-057.D\ | ZZZZZZZ | ZZZZZZZ | 9/13/16 | 10:01 | |

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

ALS Group USA, Corp. dba ALS Environmental

Prep Summary Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108**Semivolatile Organic Compounds by GC/MS****Prep Method:** EPA 3510C**Extraction Lot:** 270100**Analytical Method:** 8270D

| Sample Name | Lab Code | Date Collected | Date Received | Sample Amount | Final Amount | Percent Solids |
|--------------------------|--------------|----------------|---------------|---------------|--------------|----------------|
| GAIN-FW-20B-03-082616 | J1606108-002 | 8/26/16 | 8/26/16 | 990.0000 mL | 1 mL | |
| GAIN-FW-20B-04-082616 | J1606108-003 | 8/26/16 | 8/26/16 | 1000 mL | 1 mL | |
| GAIN-FB-10-082616 | J1606108-004 | 8/26/16 | 8/26/16 | 970.0000 mL | 1 mL | |
| GAIN-FW-20B-02-082616 | J1606108-005 | 8/26/16 | 8/26/16 | 990.0000 mL | 1 mL | |
| GAIN-FW-20B-01-082616 | J1606108-006 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-EB-10-082616 | J1606108-007 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-99P-082616 | J1606108-008 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| Method Blank | JQ1606623-01 | | | 1000 mL | 1 mL | |
| Lab Control Sample | JQ1606623-02 | | | 1000 mL | 1 mL | |
| GAIN-FW-20B-02-082616MS | JQ1606623-03 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-20B-02-082616DMS | JQ1606623-04 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-20B-02-082616DL | J1606108-005 | 8/26/16 | 8/26/16 | 990.0000 mL | 1 mL | |
| GAIN-FW-20B-01-082616DL | J1606108-006 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-99P-082616DL | J1606108-008 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |

ALS Group USA, Corp. dba ALS Environmental

Prep Summary Report

Client: Beazer East, Inc.
Project: Gainesville 2016 3Q-Annual GW Sampling/OM-0450-16
Sample Matrix: Water

Service Request: J1606108**Semivolatile Organic Compounds by GC/MS****Prep Method:** EPA 3510C**Extraction Lot:** 270572**Analytical Method:** 8270D

| Sample Name | Lab Code | Date Collected | Date Received | Sample Amount | Final Amount | Percent Solids |
|------------------------------|--------------|----------------|---------------|---------------|--------------|----------------|
| Method Blank | JQ1606762-01 | | | 1000 mL | 1 mL | |
| Lab Control Sample | JQ1606762-02 | | | 1000 mL | 1 mL | |
| Duplicate Lab Control Sample | JQ1606762-03 | | | 1000 mL | 1 mL | |
| GAIN-FW-20B-03-082616RE | J1606108-002 | 8/26/16 | 8/26/16 | 1000 mL | 1 mL | |
| GAIN-FW-20B-04-082616RE | J1606108-003 | 8/26/16 | 8/26/16 | 1000 mL | 1 mL | |
| GAIN-FB-10-082616RE | J1606108-004 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-20B-02-082616RE | J1606108-005 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-20B-01-082616RE | J1606108-006 | 8/26/16 | 8/26/16 | 950.0000 mL | 1 mL | |
| GAIN-EB-10-082616RE | J1606108-007 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |
| GAIN-FW-99P-082616RE | J1606108-008 | 8/26/16 | 8/26/16 | 980.0000 mL | 1 mL | |

Inorganic Analysis:
Metals

Summary Package

Sample and QC Results

Total Metals
- COVER PAGE -
INORGANIC ANALYSIS DATA PACKAGE

| | | |
|----------------------------------|---------------------------|-----------------|
| Client: <u>Beazer East, Inc.</u> | Method Type: <u>6020A</u> | SOW No.: _____ |
| SDG No.: <u>J1606108</u> | Lab Code: <u>ALJCK</u> | Case No.: _____ |
| Contract: <u>OM-0450-16</u> | SAS No.: _____ | |

| Lab Sample ID | Client Sample ID | QC Description |
|-----------------------|-------------------------------|-------------------------------|
| <u>J1606108-002</u> | <u>GAIN-FW-20B-03-082616</u> | |
| <u>J1606108-003</u> | <u>GAIN-FW-20B-04-082616</u> | |
| <u>J1606108-004</u> | <u>GAIN-FB-10-082616</u> | |
| <u>J1606108-005</u> | <u>GAIN-FW-20B-02-082616</u> | |
| <u>J1606108-005S</u> | <u>GAIN-FW-20B-02-082616S</u> | <u>Matrix Spike</u> |
| <u>J1606108-005SD</u> | <u>GAIN-FW-20B-02-082616S</u> | <u>Matrix Spike Duplicate</u> |
| <u>J1606108-006</u> | <u>GAIN-FW-20B-01-082616</u> | |
| <u>J1606108-007</u> | <u>GAIN-EB-10-082616</u> | |
| <u>J1606108-008</u> | <u>GAIN-FW-99P-082616</u> | |

| | | | |
|---|--------|-----|-------|
| Were ICP interelement corrections applied? | Yes/No | Yes | _____ |
| Were ICP background corrections applied? | Yes/No | Yes | _____ |
| If yes - were raw data generated before applications of background corrections? | Yes/No | No | _____ |

Comments: Perkin Elmer MSF program is used for IEC corrections

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 above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mandy Sullivan

Name: Mandy Sullivan

Date: 09.30.2016

Title: Project Manager

Total Metals

- 1 -
INORGANIC ANALYSIS DATA PACKAGEClient: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

| |
|-------------------------|
| Sample ID: J1606108-002 |
|-------------------------|

| |
|----------------------------------|
| Client ID: GAIN-FW-20B-03-082616 |
|----------------------------------|

| |
|---------------|
| Matrix: WATER |
|---------------|

| |
|----------------|
| Date Received: |
|----------------|

| |
|-----------|
| 8/26/2016 |
|-----------|

| |
|--------|
| Level: |
|--------|

| |
|-----|
| LOW |
|-----|

| |
|-----------|
| % Solids: |
|-----------|

| |
|----------------|
| Sample Wt/Vol: |
|----------------|

| |
|------|
| 50.0 |
|------|

| |
|------------|
| Final Vol: |
|------------|

| |
|------|
| 50.0 |
|------|

| |
|-----------------------|
| Prep Batch ID: 270280 |
|-----------------------|

| |
|---------------------|
| Prep Date: 9/7/2016 |
|---------------------|

| Analyte | Concentration | Units | C | Qual | Analytical | | | | | |
|---------|---------------|-------|---|------|------------|------|-----|------|-----------|-------|
| | | | | | Method | MDL | MRL | Dil | Date | Time |
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:12 |

Comments:

Total Metals

- 1 -
INORGANIC ANALYSIS DATA PACKAGEClient: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

| | |
|-------------------------|----------------------------------|
| Sample ID: J1606108-003 | Client ID: GAIN-FW-20B-04-082616 |
|-------------------------|----------------------------------|

| | | |
|---------------|--------------------------|------------|
| Matrix: WATER | Date Received: 8/26/2016 | Level: LOW |
|---------------|--------------------------|------------|

| | | |
|-----------|---------------------|-----------------|
| % Solids: | Sample Wt/Vol: 50.0 | Final Vol: 50.0 |
|-----------|---------------------|-----------------|

| | |
|-----------------------|---------------------|
| Prep Batch ID: 270280 | Prep Date: 9/7/2016 |
|-----------------------|---------------------|

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:32 |

Comments: _____

Total Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-004

Client ID: GAIN-FB-10-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270280

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:15 |

Comments:

Total Metals**- 1 -****INORGANIC ANALYSIS DATA PACKAGE**

Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-005

Client ID: GAIN-FW-20B-02-082616

Matrix: WATER

Date Received:

8/26/2016

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID: 270280

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:17 |

Comments:

Total Metals**- 1 -****INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-006

Client ID: GAIN-FW-20B-01-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270280

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:26 |

Comments:

Total Metals

- 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-007

Client ID: GAIN-EB-10-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270280

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:28 |

Comments: _____

Total Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-008

Client ID: GAIN-FW-99P-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270280

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|-----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/13/2016 | 16:30 |

Comments:

Total Metals
- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Beazer East, Inc. **SDG No.:** J1606108
Contract: OM-0450-16 **Lab Code:** ALJCK **Case No.:** _____ **SAS No.:** _____
Initial Calibration Source: High Purity Standards
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | Method | Analysis Date | Analysis Time | Run Number |
|------------|---------|----------------|--------------------|---------------|---------------------------|--------|------------------|------------------|---------------|
| ICV | | | | | | | | | |
| | Arsenic | 51.6 | 50.0 | 103 | 90.0 - 110.0 | 6020A | 9/13/2016 | 15:16 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 51.2 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/13/2016 | 15:35 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 51.1 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/13/2016 | 15:59 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 51.1 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/13/2016 | 16:21 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 50.9 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/13/2016 | 16:39 | NoGas 160 |

Total Metals**- 2b -****CRDL STANDARD FOR AA & ICP**Client: Beazer East, Inc.SDG No.: J1606108Contract: OM-0450-16 Lab Code: ALJCK Case No: _____ SAS No.: _____

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Advisory Limits (%R) | Method | Analysis Date | Analysis Time | Run Number |
|-----------|---------|----------------|--------------------|---------------|-------------------------|--------|------------------|------------------|---------------|
|-----------|---------|----------------|--------------------|---------------|-------------------------|--------|------------------|------------------|---------------|

MRL

Arsenic 1.01 1.00 101 50 - 150 6020A 9/13/2016 15:22 NoGas 16

MRL

Arsenic 0.89 1.00 89 50 - 150 6020A 9/13/2016 16:34 NoGas 16

Total Metals
- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.:

SAS No.:

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | MDL | MRL | Method | Analysis Date | Analysis Time | Run |
|-----------|---------|----------------|---------------------|--------------|------|------|--------|------------------|------------------|--------------|
| ICB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/13/2016 | 15:20 | NoGas 160913 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/13/2016 | 15:37 | NoGas 160913 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/13/2016 | 16:01 | NoGas 160913 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/13/2016 | 16:23 | NoGas 160913 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/13/2016 | 16:41 | NoGas 160913 |

Total Metals

- 3b -

PREPARATION BLANK SUMMARY

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.: _____ SAS No.: _____

| Sample ID | Analyte | Result (ug/L) | Conc Qual | Q | Acceptance Limit | MDL | MRL | Method | Analysis Date | Analysis Time | Run |
|-------------|---------|------------------|--------------|---|---------------------|-------|-------|--------|------------------|------------------|---------------|
| MB-06674-04 | Arsenic | 0.500 | U | | +/-0.500 | 0.500 | 1.000 | 6020A | 9/13/2016 | 15:39 | NoGas 160913C |

Total Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc. **SDG No.:** J1606108
Contract: OM-0450-16 **Lab Code:** ALJCK **Case No.:** _____ **SAS No.:** _____
ICS Source: Inorganic Ventures **Instrument ID:** ICP-MS

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window | Method | Analysis Date | Analysis Time | Run Number |
|--------------|---------|-------------|-----------------|------------|-------------------|--------|---------------|---------------|--------------|
| ICSA | | | | | | | | | |
| | Arsenic | -0.006 | | | -2.000 to 2.000 | 6020A | 9/13/2016 | 15:24 | NoGas 160913 |
| ICSAB | | | | | | | | | |
| | Arsenic | 21.3 | 20.0 | 106 | 80 - 120% | 6020A | 9/13/2016 | 15:25 | NoGas 160913 |
| ICSA | | | | | | | | | |
| | Arsenic | -0.201 | | | -2.000 to 2.000 | 6020A | 9/13/2016 | 16:36 | NoGas 160913 |
| ICSAB | | | | | | | | | |
| | Arsenic | 21.2 | 20.0 | 106 | 80 - 120% | 6020A | 9/13/2016 | 16:38 | NoGas 160913 |

Total Metals

- 5a -

MATRIX SPIKE SUMMARY

| | | |
|--|---------------------------------|--|
| Client: Beazer East, Inc. | Level: LOW | SDG No.: J1606108 |
| Contract: OM-0450-16 | Lab Code: ALJCK | Case No.: _____ |
| Matrix: WATER | Sample ID: J1606108-005 | Client ID: GAJN-FW-20B-02-082616S |
| Percent Solids for Sample: 0.00 | Spiked ID: J1606108-005S | Percent Solids for Spike Sample: 0.00 |

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | Method |
|---------|-------|---------------------|---------------|---|---------------|---|-------------|------------|------|--------|
| Arsenic | ug/L | 75 - 125 | 50.40 | | 0.50 | U | 50.0 | 101 | | 6020A |

Total Metals

- 5a -

MATRIX SPIKE DUPLICATE SUMMARY

| | | |
|--|----------------------------------|--|
| Client: Beazer East, Inc. | Level: LOW | SDG No.: J1606108 |
| Contract: OM-0450-16 | Lab Code: ALJCK | Case No.: _____ |
| Matrix: WATER | Sample ID: J1606108-005 | Client ID: GAIN-FW-20B-02-082616SD |
| Percent Solids for Sample: 0.00 | Spiked ID: J1606108-005SD | Percent Solids for Spike Sample: 0.00 |

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | Method |
|---------|-------|---------------------|------------|---|---------------|---|-------------|------------|------|--------|
| Arsenic | ug/L | 75 - 125 | 50.80 | | 0.50 | U | 50.0 | 102 | | 6020A |

Total Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Beazer East, Inc.

Level: LOWSDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.: _____ SAS No.: _____

Matrix: WATERSample ID: J1606108-005SClient ID: GAIN-FW-20B-02-082616SD

Percent Solids for Sample: 0.00

Duplicate ID: J1606108-005SD

Percent Solids for Duplicate: 0.00

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | Method |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|--------|
| Arsenic | ug/L | 0 - 20 | 50.40 | | 50.80 | | 1 | | 6020A |

Total Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

| Client: | Beazer East, Inc. | SDG No.: | J1606108 | | | | | |
|---------------------|--------------------|-----------|------------|--------|---|------------|-------------------|--------|
| Contract: | OM-0450-16 | Lab Code: | ALJCK | | | | | |
| Aqueous LCS Source: | Inorganic Ventures | | | | | | | |
| Solid LCS Source: | | | | | | | | |
| Sample ID | Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | Method |
| LCS-06674-03 | Arsenic | ug/L | 50.0 | 50.3 | | 101 | 75.0 - 125.0 | 6020A |

Total Metals

- 10 -

METHOD DETECTION LIMITSClient: Beazer East, Inc.SDG No.: J1606108Contract: OM-0450-16Lab Code: ALJCK

Case No.: _____ SAS No.: _____

| Analyte | Mass | MDL ug/L | MRL ug/L |
|---------|------|-------------|-----------------|
| ICP-MS | | | Date: 1/20/2012 |
| Arsenic | 75 | 0.50 | 1.00 |

Total Metals**- 13 -****SAMPLE PREPARATION SUMMARY****Client:** Beazer East, Inc.**SDG No.:** J1606108**Contract:** OM-0450-16**Lab Code:** ALJCK**Method:** MS**Case No.:** _____ **SAS No.:** _____

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-----------------------------|-------------------------|--------------------|---------------|------------------|--------------------------------|---------------------------------|-----------------------|
| Batch Number: 270280 | | | | | | | |
| MB-06674-04 | MB-06674-04 | MB | WATER | 9/7/16 | 50.0 | 50.0 | |
| LCS-06674-03 | LCS-06674-03 | LCS | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-002 | GAIN-FW-20B-03-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-004 | GAIN-FB-10-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005 | GAIN-FW-20B-02-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005S | GAIN-FW-20B-02-082616S | MS | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005SD | GAIN-FW-20B-02-082616SD | MSD | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-006 | GAIN-FW-20B-01-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-007 | GAIN-EB-10-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-008 | GAIN-FW-99P-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-003 | GAIN-FW-20B-04-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |

Total Metals
14
ANALYSIS RUN LOG

Client: Beazer East, Inc. Contract: OM-0450-16
 Lab Code: ALJCK Case No.: SAS No.: SDG No.: J1606108
 Instrument ID Number: ICP-MS Method: MS Run Number: NoGas 160913
 Start Date: 9/13/2016 End Date: 9/13/2016

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | A L | S B | A S | B A | B E | C D | C A | C R | C O | C U | F E | P B | M G | M N | H G | N I | K S | S E | A G | N A | T L | V G | Z N |
| Cal Blank | 1.00 | 1508 | | | | X | | | | | | | | | | | | | | | | | | | | |
| Cal Std 1 | 1.00 | 1510 | | | | X | | | | | | | | | | | | | | | | | | | | |
| Cal Std 2 | 1.00 | 1512 | | | | X | | | | | | | | | | | | | | | | | | | | |
| Cal Std 3 | 1.00 | 1512 | | | | X | | | | | | | | | | | | | | | | | | | | |
| Cal Std 4 | 1.00 | 1514 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICV | 1.00 | 1516 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICB | 1.00 | 1520 | | | | X | | | | | | | | | | | | | | | | | | | | |
| MRL | 1.00 | 1522 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1524 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1525 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1527 | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1535 | | | | X | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1537 | | | | X | | | | | | | | | | | | | | | | | | | | |
| MB-06674-04 | 1.00 | 1539 | | | | X | | | | | | | | | | | | | | | | | | | | |
| LCS-06674-03 | 1.00 | 1541 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1542 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1544 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1546 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1548 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1550 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1551 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1553 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1555 | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1559 | | | | X | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1601 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1602 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1604 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1606 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1608 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1610 | | | | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-03-0826 | 1.00 | 1612 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1613 | | | | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FB-10-082616 | 1.00 | 1615 | | | | X | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1617 | | | | X | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1619 | | | | X | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1621 | | | | X | | | | | | | | | | | | | | | | | | | | |

Total Metals

14

ANALYSIS RUN LOG

Client: Beazer East, Inc. Contract: OM-0450-16Lab Code: ALJCK Case No.: SAS No.: SDG No.: J1606108Instrument ID Number: ICP-MS Method: MS Run Number: NoGas 160913Start Date: 9/13/2016 End Date: 9/13/2016

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | A L | S B | A S | B A | B D | C A | C R | C O | C U | F E | P B | M G | M N | H G | N G | K I | S E | A G | N E | T G | V A | Z L | C N | |
| CCB | 1.00 | 1623 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1625 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-01-0826 | 1.00 | 1626 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| GAIN-EB-10-082616 | 1.00 | 1628 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-99P-082616 | 1.00 | 1630 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-04-0826 | 1.00 | 1632 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| MRL | 1.00 | 1634 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1636 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.00 | 1638 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1639 | | | | X | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1641 | | | | X | | | | | | | | | | | | | | | | | | | | | |

Dissolved Metals
- COVER PAGE -
INORGANIC ANALYSIS DATA PACKAGE

| | | |
|----------------------------------|---------------------------|-----------------|
| Client: <u>Beazer East, Inc.</u> | Method Type: <u>6020A</u> | SOW No.: _____ |
| SDG No.: <u>J1606108</u> | Lab Code: <u>ALJCK</u> | Case No.: _____ |
| Contract: <u>OM-0450-16</u> | SAS No.: _____ | |

| Lab Sample ID | Client Sample ID | QC Description |
|-----------------------|-------------------------------|-------------------------------|
| <u>J1606108-002</u> | <u>GAIN-FW-20B-03-082616</u> | |
| <u>J1606108-003</u> | <u>GAIN-FW-20B-04-082616</u> | |
| <u>J1606108-004</u> | <u>GAIN-FB-10-082616</u> | |
| <u>J1606108-005</u> | <u>GAIN-FW-20B-02-082616</u> | |
| <u>J1606108-005S</u> | <u>GAIN-FW-20B-02-082616S</u> | <u>Matrix Spike</u> |
| <u>J1606108-005SD</u> | <u>GAIN-FW-20B-02-082616S</u> | <u>Matrix Spike Duplicate</u> |
| <u>J1606108-006</u> | <u>GAIN-FW-20B-01-082616</u> | |
| <u>J1606108-007</u> | <u>GAIN-EB-10-082616</u> | |
| <u>J1606108-008</u> | <u>GAIN-FW-99P-082616</u> | |

| | | | |
|---|--------|-----|-------|
| Were ICP interelement corrections applied? | Yes/No | Yes | _____ |
| Were ICP background corrections applied? | Yes/No | Yes | _____ |
| If yes - were raw data generated before applications of background corrections? | Yes/No | No | _____ |

Comments: Perkin Elmer MSF program is used for IEC corrections

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 above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mandy Sullivan
Date: 09/30/2016

Name: Mandy Sullivan
Title: Project Manager

Dissolved Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____**Sample ID:** J1606108-002**Client ID:** GAIN-FW-20B-03-082616**Matrix:** WATER**Date Received:** 8/26/2016**Level:** LOW**% Solids:****Sample Wt/Vol:** 50.0**Final Vol:** 50.0**Prep Batch ID:** 270277**Prep Date:** 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:09 |

Comments: _____

Dissolved Metals

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-003

Client ID: GAIN-FW-20B-04-082616

Matrix: WATER

Date Received:

8/26/2016

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID: 270277

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:11 |

Comments:

Dissolved Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-004

Client ID: GAIN-FB-10-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270277

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:12 |

Comments:

Dissolved Metals

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-005

Client ID: GAIN-FW-20B-02-082616

Matrix: WATER

Date Received:

8/26/2016

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID: 270277

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:14 |

Comments:

Dissolved Metals

- 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-006

Client ID: GAIN-FW-20B-01-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270277

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Analytical Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-----------------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:23 |

Comments:

Dissolved Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-007 Client ID: GAIN-EB-10-082616

Matrix: WATER Date Received: 8/26/2016 Level: LOW

% Solids: Sample Wt/Vol: 50.0 Final Vol: 50.0

Prep Batch ID: 270277 Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Method | MDL | MRL | Dil | Date | Time |
|---------|---------------|-------|---|------|--------|------|-----|------|----------|-------|
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:25 |

Comments:

Dissolved Metals**- 1 -
INORGANIC ANALYSIS DATA PACKAGE**Client: Beazer East, Inc. SDG No.: J1606108 Method Type: _____

Sample ID: J1606108-008

Client ID: GAIN-FW-99P-082616

Matrix: WATER

Date Received: 8/26/2016

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: 270277

Prep Date: 9/7/2016

| Analyte | Concentration | Units | C | Qual | Analytical | | | | | |
|---------|---------------|-------|---|------|------------|------|-----|------|----------|-------|
| | | | | | Method | MDL | MRL | Dil | Date | Time |
| Arsenic | 0.50 | ug/L | U | | 6020A | 0.50 | 1.0 | 1.00 | 9/8/2016 | 18:31 |

Comments:

Dissolved Metals**- 2a -****INITIAL AND CONTINUING CALIBRATION VERIFICATION**Client: Beazer East, Inc.SDG No.: J1606108Contract: OM-0450-16Lab Code: ALJCK

Case No.: _____ SAS No.: _____

Initial Calibration Source: High Purity StandardsContinuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | Method | Analysis Date | Analysis Time | Run Number |
|------------|---------|----------------|--------------------|---------------|---------------------------|--------|------------------|------------------|---------------|
| ICV | | | | | | | | | |
| | Arsenic | 50.7 | 50.0 | 101 | 90.0 - 110.0 | 6020A | 9/8/2016 | 17:24 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 50.6 | 50.0 | 101 | 90.0 - 110.0 | 6020A | 9/8/2016 | 17:43 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 50.8 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/8/2016 | 18:05 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 51.1 | 50.0 | 102 | 90.0 - 110.0 | 6020A | 9/8/2016 | 18:27 | NoGas 160 |
| CCV | | | | | | | | | |
| | Arsenic | 51.3 | 50.0 | 103 | 90.0 - 110.0 | 6020A | 9/8/2016 | 18:36 | NoGas 160 |

Dissolved Metals**- 2b -****CRDL STANDARD FOR AA & ICP**Client: Beazer East, Inc.SDG No.: J1606108Contract: OM-0450-16 Lab Code: ALJCK Case No: _____ SAS No.: _____

AA CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Advisory Limits (%R) | Method | Analysis Date | Analysis Time | Run Number |
|-----------|---------|----------------|--------------------|---------------|-------------------------|--------|------------------|------------------|---------------|
|-----------|---------|----------------|--------------------|---------------|-------------------------|--------|------------------|------------------|---------------|

MRL

Arsenic 0.99 1.00 99 50 - 150 6020A 9/8/2016 17:27 NoGas 16

MRL

Arsenic 1.06 1.00 106 50 - 150 6020A 9/8/2016 18:40 NoGas 16

Dissolved Metals
- 3a -
INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.:

SAS No.:

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | MDL | MRL | Method | Analysis Date | Analysis Time | Run |
|-----------|---------|----------------|---------------------|--------------|------|------|--------|------------------|------------------|--------------|
| ICB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/8/2016 | 17:25 | NoGas 160908 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/8/2016 | 17:45 | NoGas 160908 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/8/2016 | 18:07 | NoGas 160908 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/8/2016 | 18:29 | NoGas 160908 |
| CCB | Arsenic | 0.50 | +/-1.00 | U | 0.50 | 1.00 | 6020A | 9/8/2016 | 18:38 | NoGas 160908 |

Dissolved Metals

- 3b -

PREPARATION BLANK SUMMARY

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.: _____ SAS No.: _____

| Sample ID | Analyte | Result (ug/L) | Conc Qual | Q | Acceptance Limit | MDL | MRL | Method | Analysis Date | Analysis Time | Run |
|--------------------|---------|------------------|--------------|---|---------------------|-------|-------|--------|------------------|------------------|---------------|
| MB-06672-04 | | | | | | | | | | | |
| | | WATER | | | | | | | | | |
| | Arsenic | 0.500 | U | | +/-0.500 | 0.500 | 1.000 | 6020A | 9/8/2016 | 17:46 | NoGas 160908B |

Dissolved Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Case No.:

SAS No.:

ICS Source: Inorganic Ventures

Instrument ID:

ICP-MS

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window | Method | Analysis Date | Analysis Time | Run Number |
|--------------|---------|----------------|--------------------|---------------|----------------------|--------|------------------|------------------|---------------|
| ICSA | | | | | | | | | |
| | Arsenic | 0.078 | | | -2.000 to 2.000 | 6020A | 9/8/2016 | 17:29 | NoGas 160908 |
| ICSAB | | | | | | | | | |
| | Arsenic | 20.6 | 20.0 | 103 | 80 - 120% | 6020A | 9/8/2016 | 17:31 | NoGas 160908 |
| ICSA | | | | | | | | | |
| | Arsenic | -0.004 | | | -2.000 to 2.000 | 6020A | 9/8/2016 | 18:33 | NoGas 160908 |
| ICSAB | | | | | | | | | |
| | Arsenic | 20.9 | 20.0 | 104 | 80 - 120% | 6020A | 9/8/2016 | 18:35 | NoGas 160908 |

Dissolved Metals**- 5a -****MATRIX SPIKE SUMMARY**

Client: Beazer East, Inc. **Level:** LOW **SDG No.:** J1606108

Contract: OM-0450-16 **Lab Code:** ALJCK **Case No.:** _____ **SAS No.:** _____

Matrix: WATER **Sample ID:** J1606108-005 **Client ID:** GAIN-FW-20B-02-082616S

Percent Solids for Sample: 0.00 **Spiked ID:** J1606108-005S **Percent Solids for Spike Sample:** 0.00

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | Method |
|---------|-------|---------------------|---------------|---|---------------|---|-------------|------------|------|--------|
| Arsenic | ug/L | 75 - 125 | 50.10 | | 0.50 | U | 50.0 | 100 | | 6020A |

Dissolved Metals**- 5a -****MATRIX SPIKE DUPLICATE SUMMARY**

Client: Beazer East, Inc. **Level:** LOW **SDG No.:** J1606108

Contract: OM-0450-16 **Lab Code:** ALJCK **Case No.:** _____ **SAS No.:** _____

Matrix: WATER **Sample ID:** J1606108-005 **Client ID:** GAIN-FW-20B-02-082616SD

Percent Solids for Sample: 0.00 **Spiked ID:** J1606108-005SD **Percent Solids for Spike Sample:** 0.00

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | Method |
|---------|-------|---------------------|------------|---|---------------|---|-------------|------------|------|--------|
| Arsenic | ug/L | 75 - 125 | 50.00 | | 0.50 | U | 50.0 | 100 | | 6020A |

Dissolved Metals

- 5b -

POST DIGEST SPIKE SUMMARY

| | | | | | | |
|------------|--------------------------|------------|----------------------|--|----------|--|
| Client: | <u>Beazer East, Inc.</u> | | SDG No.: | <u>J1606108</u> | | |
| Contract: | <u>OM-0450-16</u> | Lab Code: | <u>ALJCK</u> | Case No.: | SAS No.: | |
| Matrix: | <u>WATER</u> | Level: | <u>LOW</u> | Client ID: <u>GAIN-FW-20B-02-082616A</u> | | |
| Sample ID: | <u>J1606108-005</u> | Spiked ID: | <u>J1606108-005A</u> | | | |

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | Method |
|---------|-------|---------------------|---------------|---|---------------|---|-------------|------------|------|--------|
| Arsenic | ug/L | 75 - 125 | 50.50 | | 0.50 | U | 50.0 | 101 | | 6020A |

Dissolved Metals**- 6 -****DUPLICATE SAMPLE SUMMARY**

Client: Beazer East, Inc. **Level:** LOW **SDG No.:** J1606108

Contract: OM-0450-16 **Lab Code:** ALJCK **Case No.:** _____ **SAS No.:** _____

Matrix: WATER **Sample ID:** J1606108-005S **Client ID:** GAIN-FW-20B-02-082616SD

Percent Solids for Sample: 0.00 **Duplicate ID:** J1606108-005SD **Percent Solids for Duplicate:** 0.00

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | Method |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|--------|
| Arsenic | ug/L | 0 - 20 | 50.10 | | 50.00 | | 0 | | 6020A |

Dissolved Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

| Client: Beazer East, Inc. | SDG No.: J1606108 | | | | | | | |
|--|-------------------|-------|------------|--------|---|------------|-------------------|--------|
| Contract: OM-0450-16 | Lab Code: ALJCK | | | | | | | |
| Aqueous LCS Source: Inorganic Ventures | Solid LCS Source: | | | | | | | |
| <hr/> | | | | | | | | |
| Sample ID | Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | Method |
| LCS-06672-03 | Arsenic | ug/L | 50.0 | 49.0 | | 98 | 75.0 - 125.0 | 6020A |

Dissolved Metals

- 9 -

SERIAL DILUTION SAMPLE SUMMARY

Client: Beazer East, Inc. SDG No.: J1606108
Contract: OM-0450-16 Lab Code: ALJCK Case No.: _____ SAS No.: _____
Matrix: WATER Level: LOW Client ID: GAIN-FW-20B-02-082616L
Sample ID: J1606108-005 Serial Dilution ID: J1606108-005L

| Analyte | Initial Result ug/L | C | Serial Result ug/L | C | % Difference | Qual | Acceptance Limits | Method |
|---------|---------------------------|---|--------------------------|---|-----------------|------|----------------------|--------|
| Arsenic | 0.500 | U | 0.500 | U | | | 10.00 % | 6020A |

Dissolved Metals

- 10 -

METHOD DETECTION LIMITS

Client: Beazer East, Inc. SDG No.: J1606108
Contract: OM-0450-16 Lab Code: ALJCK Case No.: SAS No.:

| Analyte | Mass | MDL ug/L | MRL ug/L |
|---------|------|-------------|-----------------|
| ICP-MS | | | Date: 1/20/2012 |
| Arsenic | 75 | 0.50 | 1.00 |

Dissolved Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Beazer East, Inc.

SDG No.: J1606108

Contract: OM-0450-16

Lab Code: ALJCK

Method: MS

Case No.: SAS No.:

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|----------------|-------------------------|-------------|--------|-----------|-------------------------|--------------------------|----------------|
| Batch Number: | 270277 | | | | | | |
| MB-06672-04 | MB-06672-04 | MB | WATER | 9/7/16 | 50.0 | 50.0 | |
| LCS-06672-03 | LCS-06672-03 | LCS | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-002 | GAIN-FW-20B-03-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-003 | GAIN-FW-20B-04-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-004 | GAIN-FB-10-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005 | GAIN-FW-20B-02-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005S | GAIN-FW-20B-02-082616S | MS | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-005SD | GAIN-FW-20B-02-082616SD | MSD | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-006 | GAIN-FW-20B-01-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-007 | GAIN-EB-10-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |
| J1606108-008 | GAIN-FW-99P-082616 | SAM | WATER | 9/7/16 | 50.0 | 50.0 | |

Dissolved Metals
14
ANALYSIS RUN LOG

Client: Beazer East, Inc. Contract: OM-0450-16

Lab Code: ALJCK Case No.: SAS No.: SDG No.: J1606108

Instrument ID Number: ICP-MS Method: MS Run Number: NoGas 160908

Start Date: 9/8/2016 End Date: 9/8/2016

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | A L | S B | A S | B A | B E | C D | C A | C R | C O | F U | P B | M G | M N | H G | N I | K S | S E | A G | A N | T G | V A | Z N |
| Cal Blank | 1.00 | 1713 | | | | X | | | | | | | | | | | | | | | | | | | |
| Cal Std 1 | 1.00 | 1715 | | | | X | | | | | | | | | | | | | | | | | | | |
| Cal Std 2 | 1.00 | 1718 | | | | X | | | | | | | | | | | | | | | | | | | |
| Cal Std 3 | 1.00 | 1720 | | | | X | | | | | | | | | | | | | | | | | | | |
| Cal Std 4 | 1.00 | 1722 | | | | X | | | | | | | | | | | | | | | | | | | |
| ICV | 1.00 | 1724 | | | | X | | | | | | | | | | | | | | | | | | | |
| ICB | 1.00 | 1725 | | | | X | | | | | | | | | | | | | | | | | | | |
| MRL | 1.00 | 1727 | | | | X | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1729 | | | | X | | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.00 | 1731 | | | | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1733 | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1743 | | | | X | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1745 | | | | X | | | | | | | | | | | | | | | | | | | |
| MB-06672-04 | 1.00 | 1746 | | | | X | | | | | | | | | | | | | | | | | | | |
| LCS-06672-03 | 1.00 | 1748 | | | | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1750 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1752 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1754 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1756 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1758 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1759 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1801 | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1803 | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1805 | | | | X | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1807 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-03-0826 | 1.00 | 1809 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-04-0826 | 1.00 | 1811 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FB-10-082616 | 1.00 | 1812 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1814 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1816 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1818 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 5.00 | 1820 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-02-0826 | 1.00 | 1822 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-20B-01-0826 | 1.00 | 1823 | | | | X | | | | | | | | | | | | | | | | | | | |
| GAIN-EB-10-082616 | 1.00 | 1825 | | | | X | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1827 | | | | X | | | | | | | | | | | | | | | | | | | |

Dissolved Metals

14

ANALYSIS RUN LOG

Client: Beazer East, Inc. Contract: OM-0450-16Lab Code: ALJCK Case No.: SAS No.: SDG No.: J1606108Instrument ID Number: ICP-MS Method: MS Run Number: NoGas 160908Start Date: 9/8/2016 End Date: 9/8/2016

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | A L | S B | A S | B A | B E | C D | C A | C R | C O | C U | F E | P B | M G | M N | H G | N G | K I | S E | A E | N G | T A | V G | Z A | C L | |
| CCB | 1.00 | 1829 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| GAIN-FW-99P-082616 | 1.00 | 1831 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1833 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| ICSAB | 1.00 | 1835 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1836 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1838 | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| MRL | 1.00 | 1840 | | | | X | | | | | | | | | | | | | | | | | | | | | | |