

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

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Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-116720-1

Client Project/Site: Scott Figgie West of Plant 2

For:

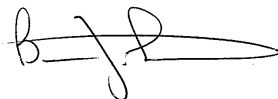
AECOM, Inc.

257 West Genesee Street

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Buffalo, New York 14202-2657

Attn: Mr. Dino Zack



Authorized for release by:

5/5/2017 9:06:11 AM

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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## Definitions/Glossary

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *         | LCS or LCSD is outside acceptance limits.                                                                      |
| *         | RPD of the LCS and LCSD exceeds the control limits                                                             |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CNF            | Contains no Free Liquid                                                                                     |
| DER            | Duplicate error ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision level concentration                                                                                |
| MDA            | Minimum detectable activity                                                                                 |
| EDL            | Estimated Detection Limit                                                                                   |
| MDC            | Minimum detectable concentration                                                                            |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| NC             | Not Calculated                                                                                              |
| ND             | Not detected at the reporting limit (or MDL or EDL if shown)                                                |
| PQL            | Practical Quantitation Limit                                                                                |
| QC             | Quality Control                                                                                             |
| RER            | Relative error ratio                                                                                        |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |

# Case Narrative

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Job ID: 480-116720-1**

**Laboratory: TestAmerica Buffalo**

## Narrative

### Job Narrative 480-116720-1

#### Receipt

The samples were received on 4/21/2017 11:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8° C and 3.2° C.

#### GC/MS VOA

Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 490-426462 recovered outside control limits for the following analytes: Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPT-1 (480-116720-17) and DPT-2 (480-116720-18). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples was diluted due to the nature of the sample matrix: heavily concentrated in target analytes MW-4 (480-116720-3), DPT-4 (480-116720-20) and DPT-8 (480-116720-23). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted due to the nature of the sample matrix: heavily concentrated in target analytes MW-16S (480-116720-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample duplicate (LCSD) for analytical batch 490-426684 recovered outside control limits for the following analytes: Trichlorofluoromethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 490-426684 recovered outside control limits for the following analytes: Styrene and Ethylbenzene.

Method(s) 8260C: The following samples was diluted due to the nature of the sample matrix: MW-8R (480-116720-13), DPT-5 (480-116720-21) and MW-15S (480-116720-27). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-2**  
**Date Collected: 04/20/17 09:00**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-1**  
**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/02/17 01:45 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/02/17 01:45 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/02/17 01:45 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Chloroethane                          | 1.4    |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 01:45 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 01:45 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 01:45 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 01:45 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 01:45 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 01:45 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 01:45 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-2**

**Date Collected: 04/20/17 09:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-1**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/02/17 01:45  | 1              |
| 4-Bromofluorobenzene (Surr)  | 113              |                  | 70 - 130      |                 | 05/02/17 01:45  | 1              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/02/17 01:45  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 01:45  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-3**  
**Date Collected: 04/20/17 10:00**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-2**  
**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result     | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:11 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>5.1</b> |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 10  | 0.94  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| 2-Butanone (MEK)                      | ND         |           | 50  | 2.6   | ug/L |   |          | 05/02/17 02:11 | 1       |
| 2-Hexanone                            | ND         |           | 10  | 1.3   | ug/L |   |          | 05/02/17 02:11 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND         |           | 10  | 0.81  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Acetone                               | ND         |           | 25  | 2.7   | ug/L |   |          | 05/02/17 02:11 | 1       |
| Benzene                               | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Bromodichloromethane                  | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Bromoform                             | ND         |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Bromomethane                          | ND         |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Carbon disulfide                      | ND         |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Carbon tetrachloride                  | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Chlorobenzene                         | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:11 | 1       |
| <b>Chloroethane</b>                   | <b>1.8</b> |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Chloroform                            | ND         |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Chloromethane                         | ND         |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 02:11 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>1.2</b> |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:11 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Cyclohexane                           | ND         |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Dibromochloromethane                  | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Dichlorodifluoromethane               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Ethylbenzene                          | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Isopropylbenzene                      | ND         |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Methyl acetate                        | ND         |           | 10  | 0.58  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Methyl tert-butyl ether               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Methylcyclohexane                     | ND         |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 02:11 | 1       |
| Methylene Chloride                    | ND         |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 02:11 | 1       |
| Styrene                               | ND         |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Tetrachloroethene                     | ND         |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Toluene                               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| trans-1,2-Dichloroethene              | ND         |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 02:11 | 1       |
| trans-1,3-Dichloropropene             | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Trichloroethene                       | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Trichlorofluoromethane                | ND         |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:11 | 1       |
| <b>Vinyl chloride</b>                 | <b>21</b>  |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:11 | 1       |
| Xylenes, Total                        | ND         |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 02:11 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-3**

**Date Collected: 04/20/17 10:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-2**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 106              |                  | 70 - 130      |                 | 05/02/17 02:11  | 1              |
| 4-Bromofluorobenzene (Surr)  | 99               |                  | 70 - 130      |                 | 05/02/17 02:11  | 1              |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/02/17 02:11  | 1              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 02:11  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-4**  
**Date Collected: 04/18/17 14:10**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-3**  
**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,1,2,2-Tetrachloroethane             | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |           | 5.0 | 0.75 | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,1,2-Trichloroethane                 | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>1,1-Dichloroethane</b>             | <b>71</b>    |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,1-Dichloroethene                    | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2,4-Trichlorobenzene                | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2-Dibromo-3-Chloropropane           | ND           |           | 50  | 4.7  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2-Dibromoethane                     | ND           |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2-Dichlorobenzene                   | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2-Dichloroethane                    | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,2-Dichloropropane                   | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,3-Dichlorobenzene                   | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 16:40 | 5       |
| 1,4-Dichlorobenzene                   | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>2-Butanone (MEK)</b>               | <b>380</b>   |           | 250 | 13   | ug/L |   |          | 05/01/17 16:40 | 5       |
| 2-Hexanone                            | ND           |           | 50  | 6.4  | ug/L |   |          | 05/01/17 16:40 | 5       |
| 4-Methyl-2-pentanone (MIBK)           | ND           |           | 50  | 4.1  | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>Acetone</b>                        | <b>230</b>   |           | 130 | 13   | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>Benzene</b>                        | <b>3.1 J</b> |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Bromodichloromethane                  | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Bromoform                             | ND           |           | 5.0 | 1.5  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Bromomethane                          | ND           |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Carbon disulfide                      | ND           |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Carbon tetrachloride                  | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Chlorobenzene                         | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>Chloroethane</b>                   | <b>450</b>   |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Chloroform                            | ND           |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Chloromethane                         | ND           |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>cis-1,2-Dichloroethene</b>         | <b>8.0</b>   |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 16:40 | 5       |
| cis-1,3-Dichloropropene               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Cyclohexane                           | ND           |           | 25  | 0.65 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Dibromochloromethane                  | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Dichlorodifluoromethane               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Ethylbenzene                          | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Isopropylbenzene                      | ND           |           | 5.0 | 1.7  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Methyl acetate                        | ND           |           | 50  | 2.9  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Methyl tert-butyl ether               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Methylcyclohexane                     | ND           |           | 25  | 0.45 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Methylene Chloride                    | ND           |           | 25  | 5.0  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Styrene                               | ND           |           | 5.0 | 1.4  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Tetrachloroethene                     | ND           |           | 5.0 | 0.70 | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>Toluene</b>                        | <b>14</b>    |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>trans-1,2-Dichloroethene</b>       | <b>17</b>    |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 16:40 | 5       |
| trans-1,3-Dichloropropene             | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Trichloroethene                       | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 16:40 | 5       |
| Trichlorofluoromethane                | ND *         |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 16:40 | 5       |
| <b>Vinyl chloride</b>                 | <b>610</b>   |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 16:40 | 5       |
| Xylenes, Total                        | ND           |           | 15  | 2.9  | ug/L |   |          | 05/01/17 16:40 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-4**

**Date Collected: 04/18/17 14:10**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-3**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 105              |                  | 70 - 130      |                 | 05/01/17 16:40  | 5              |
| 4-Bromofluorobenzene (Surr)  | 104              |                  | 70 - 130      |                 | 05/01/17 16:40  | 5              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/01/17 16:40  | 5              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/01/17 16:40  | 5              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-6**  
**Date Collected: 04/19/17 09:40**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-4**  
**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/02/17 02:37 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/02/17 02:37 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/02/17 02:37 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 02:37 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:37 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 02:37 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 02:37 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 02:37 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 02:37 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 02:37 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-6**

**Date Collected: 04/19/17 09:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-4**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 106              |                  | 70 - 130      |                 | 05/02/17 02:37  | 1              |
| 4-Bromofluorobenzene (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 02:37  | 1              |
| Toluene-d8 (Surr)            | 96               |                  | 70 - 130      |                 | 05/02/17 02:37  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 02:37  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-10**

**Date Collected: 04/19/17 10:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-5**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/02/17 03:03 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/02/17 03:03 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/02/17 03:03 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:03 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:03 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 03:03 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 03:03 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:03 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:03 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 03:03 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-10**

**Date Collected: 04/19/17 10:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-5**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/02/17 03:03  | 1              |
| 4-Bromofluorobenzene (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 03:03  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/02/17 03:03  | 1              |
| Dibromofluoromethane (Surr)  | 98               |                  | 70 - 130      |                 | 05/02/17 03:03  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-11**

**Date Collected: 04/18/17 16:55**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-6**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result     | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:04 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>1.0</b> |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 10  | 0.94  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| 2-Butanone (MEK)                      | ND         |           | 50  | 2.6   | ug/L |   |          | 05/01/17 14:04 | 1       |
| 2-Hexanone                            | ND         |           | 10  | 1.3   | ug/L |   |          | 05/01/17 14:04 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND         |           | 10  | 0.81  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Acetone                               | ND         |           | 25  | 2.7   | ug/L |   |          | 05/01/17 14:04 | 1       |
| Benzene                               | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Bromodichloromethane                  | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Bromoform                             | ND         |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Bromomethane                          | ND         |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Carbon disulfide                      | ND         |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Carbon tetrachloride                  | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Chlorobenzene                         | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Chloroethane                          | ND         |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Chloroform                            | ND         |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Chloromethane                         | ND         |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:04 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>3.2</b> |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:04 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Cyclohexane                           | ND         |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Dibromochloromethane                  | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Dichlorodifluoromethane               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Ethylbenzene                          | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Isopropylbenzene                      | ND         |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Methyl acetate                        | ND         |           | 10  | 0.58  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Methyl tert-butyl ether               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Methylcyclohexane                     | ND         |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 14:04 | 1       |
| Methylene Chloride                    | ND         |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 14:04 | 1       |
| Styrene                               | ND         |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Tetrachloroethene                     | ND         |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Toluene                               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| trans-1,2-Dichloroethene              | ND         |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:04 | 1       |
| trans-1,3-Dichloropropene             | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Trichloroethene                       | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Trichlorofluoromethane                | ND *       |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:04 | 1       |
| <b>Vinyl chloride</b>                 | <b>2.1</b> |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:04 | 1       |
| Xylenes, Total                        | ND         |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 14:04 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-11**

**Date Collected: 04/18/17 16:55**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-6**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 107              |                  | 70 - 130      |                 | 05/01/17 14:04  | 1              |
| 4-Bromofluorobenzene (Surr)  | 114              |                  | 70 - 130      |                 | 05/01/17 14:04  | 1              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/01/17 14:04  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/01/17 14:04  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-12**

**Date Collected: 04/18/17 13:10**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-7**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,1-Dichloroethane                    | ND          |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2-Dichloroethane                    | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/01/17 14:30 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/01/17 14:30 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Acetone                               | ND          |           | 25  | 2.7   | ug/L |   |          | 05/01/17 14:30 | 1       |
| <b>Benzene</b>                        | <b>0.61</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:30 | 1       |
| <b>Chloroethane</b>                   | <b>6.2</b>  |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:30 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>0.36</b> | <b>J</b>  | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:30 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 14:30 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 14:30 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| trans-1,2-Dichloroethene              | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:30 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:30 | 1       |
| <b>Vinyl chloride</b>                 | <b>2.6</b>  |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:30 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 14:30 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-12**

**Date Collected: 04/18/17 13:10**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-7**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 14:30  | 1              |
| 4-Bromofluorobenzene (Surr)  | 104              |                  | 70 - 130      |                 | 05/01/17 14:30  | 1              |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/01/17 14:30  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/01/17 14:30  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-16S**

**Date Collected: 04/20/17 08:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-8**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL    | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|-------|-----|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |           | 200   | 38  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,1,2,2-Tetrachloroethane             | ND           |           | 200   | 38  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |           | 200   | 30  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,1,2-Trichloroethane                 | ND           |           | 200   | 38  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>1,1-Dichloroethane</b>             | <b>1000</b>  |           | 200   | 48  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>1,1-Dichloroethene</b>             | <b>380</b>   |           | 200   | 50  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2,4-Trichlorobenzene                | ND           |           | 200   | 40  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2-Dibromo-3-Chloropropane           | ND           |           | 2000  | 190 | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2-Dibromoethane                     | ND           |           | 200   | 42  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2-Dichlorobenzene                   | ND           |           | 200   | 38  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2-Dichloroethane                    | ND           |           | 200   | 40  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,2-Dichloropropane                   | ND           |           | 200   | 50  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,3-Dichlorobenzene                   | ND           |           | 200   | 36  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 1,4-Dichlorobenzene                   | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| 2-Butanone (MEK)                      | ND           |           | 10000 | 530 | ug/L |   |          | 05/02/17 08:15 | 200     |
| 2-Hexanone                            | ND           |           | 2000  | 260 | ug/L |   |          | 05/02/17 08:15 | 200     |
| 4-Methyl-2-pentanone (MIBK)           | ND           |           | 2000  | 160 | ug/L |   |          | 05/02/17 08:15 | 200     |
| Acetone                               | ND           |           | 5000  | 530 | ug/L |   |          | 05/02/17 08:15 | 200     |
| Benzene                               | ND           |           | 200   | 40  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Bromodichloromethane                  | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Bromoform                             | ND           |           | 200   | 58  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Bromomethane                          | ND           |           | 200   | 70  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Carbon disulfide                      | ND           |           | 200   | 44  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Carbon tetrachloride                  | ND           |           | 200   | 36  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Chlorobenzene                         | ND           |           | 200   | 36  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>Chloroethane</b>                   | <b>1400</b>  |           | 200   | 72  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Chloroform                            | ND           |           | 200   | 46  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Chloromethane                         | ND           |           | 200   | 72  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>cis-1,2-Dichloroethene</b>         | <b>75000</b> |           | 200   | 42  | ug/L |   |          | 05/02/17 08:15 | 200     |
| cis-1,3-Dichloropropene               | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Cyclohexane                           | ND           |           | 1000  | 26  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Dibromochloromethane                  | ND           |           | 200   | 50  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Dichlorodifluoromethane               | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Ethylbenzene                          | ND           |           | 200   | 38  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Isopropylbenzene                      | ND           |           | 200   | 66  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Methyl acetate                        | ND           |           | 2000  | 120 | ug/L |   |          | 05/02/17 08:15 | 200     |
| Methyl tert-butyl ether               | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Methylcyclohexane                     | ND           |           | 1000  | 18  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Methylene Chloride                    | ND           |           | 1000  | 200 | ug/L |   |          | 05/02/17 08:15 | 200     |
| Styrene                               | ND           |           | 200   | 56  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Tetrachloroethene                     | ND           |           | 200   | 28  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>Toluene</b>                        | <b>740</b>   |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>trans-1,2-Dichloroethene</b>       | <b>1300</b>  |           | 200   | 46  | ug/L |   |          | 05/02/17 08:15 | 200     |
| trans-1,3-Dichloropropene             | ND           |           | 200   | 34  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>Trichloroethene</b>                | <b>86 J</b>  |           | 200   | 40  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Trichlorofluoromethane                | ND           |           | 200   | 42  | ug/L |   |          | 05/02/17 08:15 | 200     |
| <b>Vinyl chloride</b>                 | <b>72000</b> |           | 200   | 36  | ug/L |   |          | 05/02/17 08:15 | 200     |
| Xylenes, Total                        | ND           |           | 600   | 120 | ug/L |   |          | 05/02/17 08:15 | 200     |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-16S**

**Date Collected: 04/20/17 08:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-8**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/02/17 08:15  | 200            |
| 4-Bromofluorobenzene (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 08:15  | 200            |
| Toluene-d8 (Surr)            | 94               |                  | 70 - 130      |                 | 05/02/17 08:15  | 200            |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 08:15  | 200            |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Duplicate**

**Date Collected: 04/19/17 07:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-9**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/02/17 03:29 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/02/17 03:29 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/02/17 03:29 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:29 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:29 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 03:29 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 03:29 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:29 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:29 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 03:29 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Duplicate**

**Date Collected: 04/19/17 07:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-9**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 105              |                  | 70 - 130      |                 | 05/02/17 03:29  | 1              |
| 4-Bromofluorobenzene (Surr)  | 98               |                  | 70 - 130      |                 | 05/02/17 03:29  | 1              |
| Toluene-d8 (Surr)            | 93               |                  | 70 - 130      |                 | 05/02/17 03:29  | 1              |
| Dibromofluoromethane (Surr)  | 102              |                  | 70 - 130      |                 | 05/02/17 03:29  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Rinse Blank**

**Lab Sample ID: 480-116720-10**

**Date Collected: 04/18/17 11:45**

**Matrix: Water**

**Date Received: 04/21/17 11:45**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/01/17 13:38 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/01/17 13:38 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/01/17 13:38 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 13:38 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:38 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 13:38 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 13:38 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 13:38 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Trichlorofluoromethane                | ND     | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:38 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 13:38 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Rinse Blank**

**Date Collected: 04/18/17 11:45**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-10**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 13:38  | 1              |
| 4-Bromofluorobenzene (Surr)  | 107              |                  | 70 - 130      |                 | 05/01/17 13:38  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/01/17 13:38  | 1              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/01/17 13:38  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-16D**

**Date Collected: 04/19/17 15:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-11**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result     | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>37</b>  |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 10  | 0.94  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| 2-Butanone (MEK)                      | ND         |           | 50  | 2.6   | ug/L |   |          | 05/02/17 14:21 | 1       |
| 2-Hexanone                            | ND         |           | 10  | 1.3   | ug/L |   |          | 05/02/17 14:21 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND         |           | 10  | 0.81  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Acetone                               | ND         |           | 25  | 2.7   | ug/L |   |          | 05/02/17 14:21 | 1       |
| Benzene                               | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Bromodichloromethane                  | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Bromoform                             | ND         |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Bromomethane                          | ND         |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Carbon disulfide                      | ND         |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Carbon tetrachloride                  | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Chlorobenzene                         | ND         |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>Chloroethane</b>                   | <b>350</b> |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Chloroform                            | ND         |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Chloromethane                         | ND         |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>24</b>  |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 14:21 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Cyclohexane                           | ND         |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Dibromochloromethane                  | ND         |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Dichlorodifluoromethane               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Ethylbenzene                          | ND *       |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Isopropylbenzene                      | ND         |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Methyl acetate                        | ND         |           | 10  | 0.58  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Methyl tert-butyl ether               | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Methylcyclohexane                     | ND         |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 14:21 | 1       |
| Methylene Chloride                    | ND         |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 14:21 | 1       |
| Styrene                               | ND *       |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Tetrachloroethene                     | ND         |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>Toluene</b>                        | <b>2.3</b> |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>1.3</b> |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 14:21 | 1       |
| trans-1,3-Dichloropropene             | ND         |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Trichloroethene                       | ND         |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Trichlorofluoromethane                | ND *       |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 14:21 | 1       |
| <b>Vinyl chloride</b>                 | <b>27</b>  |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 14:21 | 1       |
| Xylenes, Total                        | ND         |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 14:21 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-16D**

**Date Collected: 04/19/17 15:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-11**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 102              |                  | 70 - 130      |                 | 05/02/17 14:21  | 1              |
| 4-Bromofluorobenzene (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 14:21  | 1              |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/02/17 14:21  | 1              |
| Dibromofluoromethane (Surr)  | 99               |                  | 70 - 130      |                 | 05/02/17 14:21  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-13S**

**Date Collected: 04/19/17 12:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-12**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result        | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|---------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND            |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND            |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND            |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,1,2-Trichloroethane                 | ND            |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>2.4</b>    |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>1,1-Dichloroethene</b>             | <b>0.48 J</b> |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2,4-Trichlorobenzene                | ND            |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND            |           | 10  | 0.94  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2-Dibromoethane                     | ND            |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2-Dichlorobenzene                   | ND            |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2-Dichloroethane                    | ND            |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,2-Dichloropropane                   | ND            |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,3-Dichlorobenzene                   | ND            |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 1,4-Dichlorobenzene                   | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| 2-Butanone (MEK)                      | ND            |           | 50  | 2.6   | ug/L |   |          | 05/02/17 03:55 | 1       |
| 2-Hexanone                            | ND            |           | 10  | 1.3   | ug/L |   |          | 05/02/17 03:55 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND            |           | 10  | 0.81  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Acetone                               | ND            |           | 25  | 2.7   | ug/L |   |          | 05/02/17 03:55 | 1       |
| Benzene                               | ND            |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Bromodichloromethane                  | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Bromoform                             | ND            |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Bromomethane                          | ND            |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Carbon disulfide                      | ND            |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Carbon tetrachloride                  | ND            |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Chlorobenzene                         | ND            |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>Chloroethane</b>                   | <b>12</b>     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Chloroform                            | ND            |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Chloromethane                         | ND            |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>54</b>     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:55 | 1       |
| cis-1,3-Dichloropropene               | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Cyclohexane                           | ND            |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Dibromochloromethane                  | ND            |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Dichlorodifluoromethane               | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Ethylbenzene                          | ND            |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Isopropylbenzene                      | ND            |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Methyl acetate                        | ND            |           | 10  | 0.58  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Methyl tert-butyl ether               | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Methylcyclohexane                     | ND            |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 03:55 | 1       |
| Methylene Chloride                    | ND            |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 03:55 | 1       |
| Styrene                               | ND            |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Tetrachloroethene                     | ND            |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>Toluene</b>                        | <b>2.2</b>    |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>1.2</b>    |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 03:55 | 1       |
| trans-1,3-Dichloropropene             | ND            |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>Trichloroethene</b>                | <b>0.26 J</b> |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Trichlorofluoromethane                | ND            |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 03:55 | 1       |
| <b>Vinyl chloride</b>                 | <b>85</b>     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 03:55 | 1       |
| Xylenes, Total                        | ND            |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 03:55 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-13S**

**Date Collected: 04/19/17 12:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-12**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/02/17 03:55  | 1              |
| 4-Bromofluorobenzene (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 03:55  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/02/17 03:55  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 03:55  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-8R**

**Date Collected: 04/18/17 13:35**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-13**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|-----|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 50   | 9.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 50   | 9.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 50   | 7.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,1,2-Trichloroethane                 | ND          |           | 50   | 9.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>1,1-Dichloroethane</b>             | <b>86</b>   |           | 50   | 12  | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>1,1-Dichloroethene</b>             | <b>36 J</b> |           | 50   | 13  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2,4-Trichlorobenzene                | ND          |           | 50   | 10  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 500  | 47  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2-Dibromoethane                     | ND          |           | 50   | 11  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2-Dichlorobenzene                   | ND          |           | 50   | 9.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2-Dichloroethane                    | ND          |           | 50   | 10  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,2-Dichloropropane                   | ND          |           | 50   | 13  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,3-Dichlorobenzene                   | ND          |           | 50   | 9.0 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 1,4-Dichlorobenzene                   | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 2-Butanone (MEK)                      | ND          |           | 2500 | 130 | ug/L |   |          | 05/02/17 14:47 | 50      |
| 2-Hexanone                            | ND          |           | 500  | 64  | ug/L |   |          | 05/02/17 14:47 | 50      |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 500  | 41  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Acetone                               | ND          |           | 1300 | 130 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Benzene                               | ND          |           | 50   | 10  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Bromodichloromethane                  | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Bromoform                             | ND          |           | 50   | 15  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Bromomethane                          | ND          |           | 50   | 18  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Carbon disulfide                      | ND          |           | 50   | 11  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Carbon tetrachloride                  | ND          |           | 50   | 9.0 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Chlorobenzene                         | ND          |           | 50   | 9.0 | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>Chloroethane</b>                   | <b>35 J</b> |           | 50   | 18  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Chloroform                            | ND          |           | 50   | 12  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Chloromethane                         | ND          |           | 50   | 18  | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>cis-1,2-Dichloroethene</b>         | <b>7100</b> |           | 50   | 11  | ug/L |   |          | 05/02/17 14:47 | 50      |
| cis-1,3-Dichloropropene               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Cyclohexane                           | ND          |           | 250  | 6.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Dibromochloromethane                  | ND          |           | 50   | 13  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Dichlorodifluoromethane               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Ethylbenzene                          | ND *        |           | 50   | 9.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Isopropylbenzene                      | ND          |           | 50   | 17  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Methyl acetate                        | ND          |           | 500  | 29  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Methyl tert-butyl ether               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Methylcyclohexane                     | ND          |           | 250  | 4.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Methylene Chloride                    | ND          |           | 250  | 50  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Styrene                               | ND *        |           | 50   | 14  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Tetrachloroethene                     | ND          |           | 50   | 7.0 | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>Toluene</b>                        | <b>30 J</b> |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>trans-1,2-Dichloroethene</b>       | <b>83</b>   |           | 50   | 12  | ug/L |   |          | 05/02/17 14:47 | 50      |
| trans-1,3-Dichloropropene             | ND          |           | 50   | 8.5 | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>Trichloroethene</b>                | <b>14 J</b> |           | 50   | 10  | ug/L |   |          | 05/02/17 14:47 | 50      |
| Trichlorofluoromethane                | ND *        |           | 50   | 11  | ug/L |   |          | 05/02/17 14:47 | 50      |
| <b>Vinyl chloride</b>                 | <b>7500</b> |           | 50   | 9.0 | ug/L |   |          | 05/02/17 14:47 | 50      |
| Xylenes, Total                        | ND          |           | 150  | 29  | ug/L |   |          | 05/02/17 14:47 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-8R**

**Date Collected: 04/18/17 13:35**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-13**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 101              |                  | 70 - 130      |                 | 05/02/17 14:47  | 50             |
| 4-Bromofluorobenzene (Surr)  | 98               |                  | 70 - 130      |                 | 05/02/17 14:47  | 50             |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/02/17 14:47  | 50             |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 14:47  | 50             |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-13D**

**Date Collected: 04/19/17 13:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-14**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/02/17 04:21 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/02/17 04:21 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/02/17 04:21 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Chloroethane                          | 9.0    |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 04:21 | 1       |
| cis-1,2-Dichloroethene                | 0.87   | J         | 1.0 | 0.21  | ug/L |   |          | 05/02/17 04:21 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 04:21 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 04:21 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Toluene                               | 0.48   | J         | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 04:21 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 04:21 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 04:21 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-13D**

**Date Collected: 04/19/17 13:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-14**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/02/17 04:21  | 1              |
| 4-Bromofluorobenzene (Surr)  | 109              |                  | 70 - 130      |                 | 05/02/17 04:21  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/02/17 04:21  | 1              |
| Dibromofluoromethane (Surr)  | 99               |                  | 70 - 130      |                 | 05/02/17 04:21  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: GWCT**

**Date Collected: 04/18/17 10:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-15**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:56 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>0.45</b> | <b>J</b>  | 1.0 | 0.24  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2-Dichloroethane                    | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/01/17 14:56 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/01/17 14:56 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Acetone                               | ND          |           | 25  | 2.7   | ug/L |   |          | 05/01/17 14:56 | 1       |
| Benzene                               | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:56 | 1       |
| <b>Chloroethane</b>                   | <b>26</b>   |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 14:56 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>0.74</b> | <b>J</b>  | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:56 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 14:56 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 14:56 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| trans-1,2-Dichloroethene              | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 14:56 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Vinyl chloride                        | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 14:56 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 14:56 | 1       |

TestAmerica Buffalo

## Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: GWCT**

**Date Collected: 04/18/17 10:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-15**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 105              |                  | 70 - 130      |                 | 05/01/17 14:56  | 1              |
| 4-Bromofluorobenzene (Surr)  | 113              |                  | 70 - 130      |                 | 05/01/17 14:56  | 1              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/01/17 14:56  | 1              |
| Dibromofluoromethane (Surr)  | 102              |                  | 70 - 130      |                 | 05/01/17 14:56  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Trip Blank**

**Date Collected: 04/18/17 06:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-16**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/01/17 13:12 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/01/17 13:12 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/01/17 13:12 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 13:12 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:12 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 13:12 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 13:12 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 13:12 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Trichlorofluoromethane                | ND     | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 13:12 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 13:12 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: Trip Blank**

**Date Collected: 04/18/17 06:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-16**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 101              |                  | 70 - 130      |                 | 05/01/17 13:12  | 1              |
| 4-Bromofluorobenzene (Surr)  | 107              |                  | 70 - 130      |                 | 05/01/17 13:12  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/01/17 13:12  | 1              |
| Dibromofluoromethane (Surr)  | 99               |                  | 70 - 130      |                 | 05/01/17 13:12  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-1**  
**Date Collected: 04/18/17 10:00**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-17**  
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,1,2,2-Tetrachloroethane             | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |           | 5.0 | 0.75 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,1,2-Trichloroethane                 | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:07 | 5       |
| <b>1,1-Dichloroethane</b>             | <b>7.7</b>   |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,1-Dichloroethene                    | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2,4-Trichlorobenzene                | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2-Dibromo-3-Chloropropane           | ND           |           | 50  | 4.7  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2-Dibromoethane                     | ND           |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2-Dichlorobenzene                   | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2-Dichloroethane                    | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,2-Dichloropropane                   | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,3-Dichlorobenzene                   | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 1,4-Dichlorobenzene                   | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| 2-Butanone (MEK)                      | ND           |           | 250 | 13   | ug/L |   |          | 05/01/17 20:07 | 5       |
| 2-Hexanone                            | ND           |           | 50  | 6.4  | ug/L |   |          | 05/01/17 20:07 | 5       |
| 4-Methyl-2-pentanone (MIBK)           | ND           |           | 50  | 4.1  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Acetone                               | ND           |           | 130 | 13   | ug/L |   |          | 05/01/17 20:07 | 5       |
| Benzene                               | ND           |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Bromodichloromethane                  | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Bromoform                             | ND           |           | 5.0 | 1.5  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Bromomethane                          | ND           |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Carbon disulfide                      | ND           |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Carbon tetrachloride                  | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Chlorobenzene                         | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:07 | 5       |
| <b>Chloroethane</b>                   | <b>24</b>    |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Chloroform                            | ND           |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Chloromethane                         | ND           |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:07 | 5       |
| <b>cis-1,2-Dichloroethene</b>         | <b>12</b>    |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:07 | 5       |
| cis-1,3-Dichloropropene               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Cyclohexane                           | ND           |           | 25  | 0.65 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Dibromochloromethane                  | ND           |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Dichlorodifluoromethane               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Ethylbenzene                          | ND           |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Isopropylbenzene                      | ND           |           | 5.0 | 1.7  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Methyl acetate                        | ND           |           | 50  | 2.9  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Methyl tert-butyl ether               | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Methylcyclohexane                     | ND           |           | 25  | 0.45 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Methylene Chloride                    | ND           |           | 25  | 5.0  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Styrene                               | ND           |           | 5.0 | 1.4  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Tetrachloroethene                     | ND           |           | 5.0 | 0.70 | ug/L |   |          | 05/01/17 20:07 | 5       |
| <b>Toluene</b>                        | <b>3.8 J</b> |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| trans-1,2-Dichloroethene              | ND           |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:07 | 5       |
| trans-1,3-Dichloropropene             | ND           |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:07 | 5       |
| <b>Trichloroethene</b>                | <b>1.3 J</b> |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Trichlorofluoromethane                | ND *         |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:07 | 5       |
| Vinyl chloride                        | ND           |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:07 | 5       |
| Xylenes, Total                        | ND           |           | 15  | 2.9  | ug/L |   |          | 05/01/17 20:07 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-1**

**Date Collected: 04/18/17 10:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-17**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 20:07  | 5              |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 70 - 130      |                 | 05/01/17 20:07  | 5              |
| Toluene-d8 (Surr)            | 93               |                  | 70 - 130      |                 | 05/01/17 20:07  | 5              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/01/17 20:07  | 5              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-2**  
**Date Collected: 04/18/17 09:40**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-18**  
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 5.0 | 0.75 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,1,2-Trichloroethane                 | ND     |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,1-Dichloroethane                    | ND     |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,1-Dichloroethene                    | ND     |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2,4-Trichlorobenzene                | ND     |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 50  | 4.7  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2-Dibromoethane                     | ND     |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2-Dichlorobenzene                   | ND     |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2-Dichloroethane                    | ND     |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,2-Dichloropropane                   | ND     |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,3-Dichlorobenzene                   | ND     |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 1,4-Dichlorobenzene                   | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| 2-Butanone (MEK)                      | ND     |           | 250 | 13   | ug/L |   |          | 05/01/17 20:33 | 5       |
| 2-Hexanone                            | ND     |           | 50  | 6.4  | ug/L |   |          | 05/01/17 20:33 | 5       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 50  | 4.1  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Acetone                               | ND     |           | 130 | 13   | ug/L |   |          | 05/01/17 20:33 | 5       |
| Benzene                               | ND     |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Bromodichloromethane                  | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Bromoform                             | ND     |           | 5.0 | 1.5  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Bromomethane                          | ND     |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Carbon disulfide                      | ND     |           | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Carbon tetrachloride                  | ND     |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Chlorobenzene                         | ND     |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Chloroethane                          | 3.5    | J         | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Chloroform                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Chloromethane                         | ND     |           | 5.0 | 1.8  | ug/L |   |          | 05/01/17 20:33 | 5       |
| cis-1,2-Dichloroethene                | 2.4    | J         | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:33 | 5       |
| cis-1,3-Dichloropropene               | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Cyclohexane                           | ND     |           | 25  | 0.65 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Dibromochloromethane                  | ND     |           | 5.0 | 1.3  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Dichlorodifluoromethane               | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Ethylbenzene                          | ND     |           | 5.0 | 0.95 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Isopropylbenzene                      | ND     |           | 5.0 | 1.7  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Methyl acetate                        | ND     |           | 50  | 2.9  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Methyl tert-butyl ether               | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Methylcyclohexane                     | ND     |           | 25  | 0.45 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Methylene Chloride                    | ND     |           | 25  | 5.0  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Styrene                               | ND     |           | 5.0 | 1.4  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Tetrachloroethene                     | ND     |           | 5.0 | 0.70 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Toluene                               | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| trans-1,2-Dichloroethene              | ND     |           | 5.0 | 1.2  | ug/L |   |          | 05/01/17 20:33 | 5       |
| trans-1,3-Dichloropropene             | ND     |           | 5.0 | 0.85 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Trichloroethene                       | ND     |           | 5.0 | 1.0  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Trichlorofluoromethane                | ND     | *         | 5.0 | 1.1  | ug/L |   |          | 05/01/17 20:33 | 5       |
| Vinyl chloride                        | ND     |           | 5.0 | 0.90 | ug/L |   |          | 05/01/17 20:33 | 5       |
| Xylenes, Total                        | ND     |           | 15  | 2.9  | ug/L |   |          | 05/01/17 20:33 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-2**

**Date Collected: 04/18/17 09:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-18**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 108              |                  | 70 - 130      |                 | 05/01/17 20:33  | 5              |
| 4-Bromofluorobenzene (Surr)  | 96               |                  | 70 - 130      |                 | 05/01/17 20:33  | 5              |
| Toluene-d8 (Surr)            | 101              |                  | 70 - 130      |                 | 05/01/17 20:33  | 5              |
| Dibromofluoromethane (Surr)  | 103              |                  | 70 - 130      |                 | 05/01/17 20:33  | 5              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-3**  
**Date Collected: 04/18/17 09:20**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-19**  
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| <b>1,1,1-Trichloroethane</b>          | <b>5.4</b>  |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>14</b>   |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>1,1-Dichloroethene</b>             | <b>20</b>   |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2-Dichloroethane                    | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/01/17 15:22 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/01/17 15:22 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Acetone</b>                        | <b>28</b>   |           | 25  | 2.7   | ug/L |   |          | 05/01/17 15:22 | 1       |
| Benzene                               | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Carbon disulfide</b>               | <b>0.51</b> | <b>J</b>  | 1.0 | 0.22  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Chloroethane</b>                   | <b>5.5</b>  |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>4300</b> |           | 20  | 4.2   | ug/L |   |          | 05/02/17 15:13 | 20      |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 15:22 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 15:22 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Toluene</b>                        | <b>4.1</b>  |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>68</b>   |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 15:22 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Trichloroethene</b>                | <b>190</b>  |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:22 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 15:22 | 1       |
| <b>Vinyl chloride</b>                 | <b>480</b>  |           | 20  | 3.6   | ug/L |   |          | 05/02/17 15:13 | 20      |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 15:22 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-3**

**Date Collected: 04/18/17 09:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-19**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 107              |                  | 70 - 130      |                 | 05/01/17 15:22  | 1              |
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/02/17 15:13  | 20             |
| 4-Bromofluorobenzene (Surr)  | 104              |                  | 70 - 130      |                 | 05/01/17 15:22  | 1              |
| 4-Bromofluorobenzene (Surr)  | 96               |                  | 70 - 130      |                 | 05/02/17 15:13  | 20             |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/01/17 15:22  | 1              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/02/17 15:13  | 20             |
| Dibromofluoromethane (Surr)  | 104              |                  | 70 - 130      |                 | 05/01/17 15:22  | 1              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 15:13  | 20             |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-4**

**Date Collected: 04/18/17 09:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-20**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|------|-----|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |           | 20   | 3.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,1,2,2-Tetrachloroethane             | ND           |           | 20   | 3.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |           | 20   | 3.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,1,2-Trichloroethane                 | ND           |           | 20   | 3.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>1,1-Dichloroethane</b>             | <b>20</b>    |           | 20   | 4.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>1,1-Dichloroethene</b>             | <b>17 J</b>  |           | 20   | 5.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2,4-Trichlorobenzene                | ND           |           | 20   | 4.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2-Dibromo-3-Chloropropane           | ND           |           | 200  | 19  | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2-Dibromoethane                     | ND           |           | 20   | 4.2 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2-Dichlorobenzene                   | ND           |           | 20   | 3.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2-Dichloroethane                    | ND           |           | 20   | 4.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,2-Dichloropropane                   | ND           |           | 20   | 5.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,3-Dichlorobenzene                   | ND           |           | 20   | 3.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 1,4-Dichlorobenzene                   | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| 2-Butanone (MEK)                      | ND           |           | 1000 | 53  | ug/L |   |          | 05/01/17 17:58 | 20      |
| 2-Hexanone                            | ND           |           | 200  | 26  | ug/L |   |          | 05/01/17 17:58 | 20      |
| 4-Methyl-2-pentanone (MIBK)           | ND           |           | 200  | 16  | ug/L |   |          | 05/01/17 17:58 | 20      |
| Acetone                               | ND           |           | 500  | 53  | ug/L |   |          | 05/01/17 17:58 | 20      |
| Benzene                               | ND           |           | 20   | 4.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Bromodichloromethane                  | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Bromoform                             | ND           |           | 20   | 5.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Bromomethane                          | ND           |           | 20   | 7.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Carbon disulfide                      | ND           |           | 20   | 4.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Carbon tetrachloride                  | ND           |           | 20   | 3.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Chlorobenzene                         | ND           |           | 20   | 3.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>Chloroethane</b>                   | <b>8.0 J</b> |           | 20   | 7.2 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Chloroform                            | ND           |           | 20   | 4.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Chloromethane                         | ND           |           | 20   | 7.2 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>cis-1,2-Dichloroethene</b>         | <b>4400</b>  |           | 20   | 4.2 | ug/L |   |          | 05/01/17 17:58 | 20      |
| cis-1,3-Dichloropropene               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Cyclohexane                           | ND           |           | 100  | 2.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Dibromochloromethane                  | ND           |           | 20   | 5.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Dichlorodifluoromethane               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Ethylbenzene                          | ND           |           | 20   | 3.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Isopropylbenzene                      | ND           |           | 20   | 6.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Methyl acetate                        | ND           |           | 200  | 12  | ug/L |   |          | 05/01/17 17:58 | 20      |
| Methyl tert-butyl ether               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Methylcyclohexane                     | ND           |           | 100  | 1.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Methylene Chloride                    | ND           |           | 100  | 20  | ug/L |   |          | 05/01/17 17:58 | 20      |
| Styrene                               | ND           |           | 20   | 5.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Tetrachloroethene                     | ND           |           | 20   | 2.8 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>Toluene</b>                        | <b>7.0 J</b> |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>trans-1,2-Dichloroethene</b>       | <b>76</b>    |           | 20   | 4.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| trans-1,3-Dichloropropene             | ND           |           | 20   | 3.4 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>Trichloroethene</b>                | <b>120</b>   |           | 20   | 4.0 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Trichlorofluoromethane                | ND *         |           | 20   | 4.2 | ug/L |   |          | 05/01/17 17:58 | 20      |
| <b>Vinyl chloride</b>                 | <b>1400</b>  |           | 20   | 3.6 | ug/L |   |          | 05/01/17 17:58 | 20      |
| Xylenes, Total                        | ND           |           | 60   | 12  | ug/L |   |          | 05/01/17 17:58 | 20      |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-4**

**Date Collected: 04/18/17 09:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-20**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/01/17 17:58  | 20             |
| 4-Bromofluorobenzene (Surr)  | 95               |                  | 70 - 130      |                 | 05/01/17 17:58  | 20             |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/01/17 17:58  | 20             |
| Dibromofluoromethane (Surr)  | 103              |                  | 70 - 130      |                 | 05/01/17 17:58  | 20             |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-5**

**Date Collected: 04/18/17 08:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-21**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result       | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------------|-----------|------|-----|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND           |           | 20   | 3.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,1,2,2-Tetrachloroethane             | ND           |           | 20   | 3.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND           |           | 20   | 3.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,1,2-Trichloroethane                 | ND           |           | 20   | 3.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>1,1-Dichloroethane</b>             | <b>44</b>    |           | 20   | 4.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,1-Dichloroethene                    | ND           |           | 20   | 5.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2,4-Trichlorobenzene                | ND           |           | 20   | 4.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2-Dibromo-3-Chloropropane           | ND           |           | 200  | 19  | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2-Dibromoethane                     | ND           |           | 20   | 4.2 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2-Dichlorobenzene                   | ND           |           | 20   | 3.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2-Dichloroethane                    | ND           |           | 20   | 4.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,2-Dichloropropane                   | ND           |           | 20   | 5.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,3-Dichlorobenzene                   | ND           |           | 20   | 3.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 1,4-Dichlorobenzene                   | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| 2-Butanone (MEK)                      | ND           |           | 1000 | 53  | ug/L |   |          | 05/02/17 15:39 | 20      |
| 2-Hexanone                            | ND           |           | 200  | 26  | ug/L |   |          | 05/02/17 15:39 | 20      |
| 4-Methyl-2-pentanone (MIBK)           | ND           |           | 200  | 16  | ug/L |   |          | 05/02/17 15:39 | 20      |
| Acetone                               | ND           |           | 500  | 53  | ug/L |   |          | 05/02/17 15:39 | 20      |
| Benzene                               | ND           |           | 20   | 4.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Bromodichloromethane                  | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Bromoform                             | ND           |           | 20   | 5.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Bromomethane                          | ND           |           | 20   | 7.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Carbon disulfide                      | ND           |           | 20   | 4.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Carbon tetrachloride                  | ND           |           | 20   | 3.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Chlorobenzene                         | ND           |           | 20   | 3.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>Chloroethane</b>                   | <b>38</b>    |           | 20   | 7.2 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Chloroform                            | ND           |           | 20   | 4.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Chloromethane                         | ND           |           | 20   | 7.2 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>cis-1,2-Dichloroethene</b>         | <b>2000</b>  |           | 20   | 4.2 | ug/L |   |          | 05/02/17 15:39 | 20      |
| cis-1,3-Dichloropropene               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Cyclohexane                           | ND           |           | 100  | 2.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Dibromochloromethane                  | ND           |           | 20   | 5.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Dichlorodifluoromethane               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Ethylbenzene                          | ND *         |           | 20   | 3.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Isopropylbenzene                      | ND           |           | 20   | 6.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Methyl acetate                        | ND           |           | 200  | 12  | ug/L |   |          | 05/02/17 15:39 | 20      |
| Methyl tert-butyl ether               | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Methylcyclohexane                     | ND           |           | 100  | 1.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Methylene Chloride                    | ND           |           | 100  | 20  | ug/L |   |          | 05/02/17 15:39 | 20      |
| Styrene                               | ND *         |           | 20   | 5.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Tetrachloroethene                     | ND           |           | 20   | 2.8 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>Toluene</b>                        | <b>7.8 J</b> |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>trans-1,2-Dichloroethene</b>       | <b>24</b>    |           | 20   | 4.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| trans-1,3-Dichloropropene             | ND           |           | 20   | 3.4 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>Trichloroethene</b>                | <b>5.5 J</b> |           | 20   | 4.0 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Trichlorofluoromethane                | ND *         |           | 20   | 4.2 | ug/L |   |          | 05/02/17 15:39 | 20      |
| <b>Vinyl chloride</b>                 | <b>570</b>   |           | 20   | 3.6 | ug/L |   |          | 05/02/17 15:39 | 20      |
| Xylenes, Total                        | ND           |           | 60   | 12  | ug/L |   |          | 05/02/17 15:39 | 20      |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-5**

**Date Collected: 04/18/17 08:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-21**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 106              |                  | 70 - 130      |                 | 05/02/17 15:39  | 20             |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 70 - 130      |                 | 05/02/17 15:39  | 20             |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/02/17 15:39  | 20             |
| Dibromofluoromethane (Surr)  | 99               |                  | 70 - 130      |                 | 05/02/17 15:39  | 20             |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-7**  
**Date Collected: 04/18/17 08:20**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-22**  
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>120</b>  |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>1,1-Dichloroethene</b>             | <b>0.48</b> | <b>J</b>  | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>1,2-Dichloroethane</b>             | <b>0.41</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:29 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>2-Butanone (MEK)</b>               | <b>280</b>  |           | 50  | 2.6   | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>2-Hexanone</b>                     | <b>130</b>  |           | 10  | 1.3   | ug/L |   |          | 05/02/17 13:29 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Acetone</b>                        | <b>150</b>  |           | 25  | 2.7   | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Benzene</b>                        | <b>1.0</b>  |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Chloroethane</b>                   | <b>360</b>  |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>67</b>   |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:29 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Ethylbenzene                          | ND          | *         | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 13:29 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 13:29 | 1       |
| Styrene                               | ND          | *         | 1.0 | 0.28  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Toluene</b>                        | <b>5.8</b>  |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>4.4</b>  |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 13:29 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Trichloroethene</b>                | <b>0.93</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:29 | 1       |
| <b>Vinyl chloride</b>                 | <b>270</b>  |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:29 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 13:29 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-7**

**Date Collected: 04/18/17 08:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-22**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 70 - 130      |                 | 05/02/17 13:29  | 1              |
| 4-Bromofluorobenzene (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 13:29  | 1              |
| Toluene-d8 (Surr)            | 96               |                  | 70 - 130      |                 | 05/02/17 13:29  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/02/17 13:29  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-8**  
**Date Collected: 04/18/17 08:00**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-23**  
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|-----|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 50   | 9.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 50   | 9.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 50   | 7.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,1,2-Trichloroethane                 | ND          |           | 50   | 9.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| <b>1,1-Dichloroethane</b>             | <b>55</b>   |           | 50   | 12  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,1-Dichloroethene                    | ND          |           | 50   | 13  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2,4-Trichlorobenzene                | ND          |           | 50   | 10  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 500  | 47  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2-Dibromoethane                     | ND          |           | 50   | 11  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2-Dichlorobenzene                   | ND          |           | 50   | 9.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2-Dichloroethane                    | ND          |           | 50   | 10  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,2-Dichloropropane                   | ND          |           | 50   | 13  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,3-Dichlorobenzene                   | ND          |           | 50   | 9.0 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 1,4-Dichlorobenzene                   | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 2-Butanone (MEK)                      | ND          |           | 2500 | 130 | ug/L |   |          | 05/01/17 18:24 | 50      |
| 2-Hexanone                            | ND          |           | 500  | 64  | ug/L |   |          | 05/01/17 18:24 | 50      |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 500  | 41  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Acetone                               | ND          |           | 1300 | 130 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Benzene                               | ND          |           | 50   | 10  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Bromodichloromethane                  | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Bromoform                             | ND          |           | 50   | 15  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Bromomethane                          | ND          |           | 50   | 18  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Carbon disulfide                      | ND          |           | 50   | 11  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Carbon tetrachloride                  | ND          |           | 50   | 9.0 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Chlorobenzene                         | ND          |           | 50   | 9.0 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Chloroethane                          | ND          |           | 50   | 18  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Chloroform                            | ND          |           | 50   | 12  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Chloromethane                         | ND          |           | 50   | 18  | ug/L |   |          | 05/01/17 18:24 | 50      |
| <b>cis-1,2-Dichloroethene</b>         | <b>4800</b> |           | 50   | 11  | ug/L |   |          | 05/01/17 18:24 | 50      |
| cis-1,3-Dichloropropene               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Cyclohexane                           | ND          |           | 250  | 6.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Dibromochloromethane                  | ND          |           | 50   | 13  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Dichlorodifluoromethane               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Ethylbenzene                          | ND          |           | 50   | 9.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Isopropylbenzene                      | ND          |           | 50   | 17  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Methyl acetate                        | ND          |           | 500  | 29  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Methyl tert-butyl ether               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Methylcyclohexane                     | ND          |           | 250  | 4.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Methylene Chloride                    | ND          |           | 250  | 50  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Styrene                               | ND          |           | 50   | 14  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Tetrachloroethene                     | ND          |           | 50   | 7.0 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Toluene                               | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| <b>trans-1,2-Dichloroethene</b>       | <b>57</b>   |           | 50   | 12  | ug/L |   |          | 05/01/17 18:24 | 50      |
| trans-1,3-Dichloropropene             | ND          |           | 50   | 8.5 | ug/L |   |          | 05/01/17 18:24 | 50      |
| <b>Trichloroethene</b>                | <b>36 J</b> |           | 50   | 10  | ug/L |   |          | 05/01/17 18:24 | 50      |
| Trichlorofluoromethane                | ND          | *         | 50   | 11  | ug/L |   |          | 05/01/17 18:24 | 50      |
| <b>Vinyl chloride</b>                 | <b>480</b>  |           | 50   | 9.0 | ug/L |   |          | 05/01/17 18:24 | 50      |
| Xylenes, Total                        | ND          |           | 150  | 29  | ug/L |   |          | 05/01/17 18:24 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-8**

**Date Collected: 04/18/17 08:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-23**

**Matrix: Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 18:24  | 50             |
| 4-Bromofluorobenzene (Surr)  | 107              |                  | 70 - 130      |                 | 05/01/17 18:24  | 50             |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/01/17 18:24  | 50             |
| Dibromofluoromethane (Surr)  | 103              |                  | 70 - 130      |                 | 05/01/17 18:24  | 50             |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-9**  
**Date Collected: 04/20/17 11:00**  
**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-24**  
**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| <b>1,1,1-Trichloroethane</b>          | <b>0.60</b> | <b>J</b>  | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>51</b>   |           | 1.0 | 0.24  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>1,1-Dichloroethene</b>             | <b>0.34</b> | <b>J</b>  | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>1,2-Dichloroethane</b>             | <b>1.4</b>  |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/02/17 13:55 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/02/17 13:55 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Acetone                               | ND          |           | 25  | 2.7   | ug/L |   |          | 05/02/17 13:55 | 1       |
| Benzene                               | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>Chloroethane</b>                   | <b>17</b>   |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>41</b>   |           | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:55 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Ethylbenzene                          | ND          | *         | 1.0 | 0.19  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/02/17 13:55 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/02/17 13:55 | 1       |
| Styrene                               | ND          | *         | 1.0 | 0.28  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>1.9</b>  |           | 1.0 | 0.23  | ug/L |   |          | 05/02/17 13:55 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/02/17 13:55 | 1       |
| <b>Vinyl chloride</b>                 | <b>80</b>   |           | 1.0 | 0.18  | ug/L |   |          | 05/02/17 13:55 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/02/17 13:55 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-9**

**Date Collected: 04/20/17 11:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-24**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/02/17 13:55  | 1              |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 70 - 130      |                 | 05/02/17 13:55  | 1              |
| Toluene-d8 (Surr)            | 90               |                  | 70 - 130      |                 | 05/02/17 13:55  | 1              |
| Dibromofluoromethane (Surr)  | 97               |                  | 70 - 130      |                 | 05/02/17 13:55  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-14S**

**Date Collected: 04/18/17 15:25**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-25**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>8.1</b>  |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>1,2-Dichloroethane</b>             | <b>0.69</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/01/17 15:48 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/01/17 15:48 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Acetone                               | ND          |           | 25  | 2.7   | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>Benzene</b>                        | <b>0.94</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>Chloroethane</b>                   | <b>2.8</b>  |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>15</b>   |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 15:48 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 15:48 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 15:48 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>0.45</b> | <b>J</b>  | 1.0 | 0.23  | ug/L |   |          | 05/01/17 15:48 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 15:48 | 1       |
| <b>Vinyl chloride</b>                 | <b>7.8</b>  |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 15:48 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 15:48 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-14S**

**Date Collected: 04/18/17 15:25**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-25**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 15:48  | 1              |
| 4-Bromofluorobenzene (Surr)  | 106              |                  | 70 - 130      |                 | 05/01/17 15:48  | 1              |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/01/17 15:48  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |                 | 05/01/17 15:48  | 1              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-14D**

**Date Collected: 04/18/17 14:50**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-26**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 10  | 0.94  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 50  | 2.6   | ug/L |   |          | 05/01/17 16:14 | 1       |
| 2-Hexanone                            | ND     |           | 10  | 1.3   | ug/L |   |          | 05/01/17 16:14 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 0.81  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Acetone                               | ND     |           | 25  | 2.7   | ug/L |   |          | 05/01/17 16:14 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 16:14 | 1       |
| cis-1,2-Dichloroethene                | 0.65   | J         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 16:14 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Cyclohexane                           | ND     |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Methyl acetate                        | ND     |           | 10  | 0.58  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Methylcyclohexane                     | ND     |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 16:14 | 1       |
| Methylene Chloride                    | ND     |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 16:14 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 16:14 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Trichlorofluoromethane                | ND     | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 16:14 | 1       |
| Xylenes, Total                        | ND     |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 16:14 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-14D**

**Date Collected: 04/18/17 14:50**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-26**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 16:14  | 1              |
| 4-Bromofluorobenzene (Surr)  | 106              |                  | 70 - 130      |                 | 05/01/17 16:14  | 1              |
| Toluene-d8 (Surr)            | 97               |                  | 70 - 130      |                 | 05/01/17 16:14  | 1              |
| Dibromofluoromethane (Surr)  | 99               |                  | 70 - 130      |                 | 05/01/17 16:14  | 1              |



# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-15S**

**Date Collected: 04/19/17 09:05**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-27**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result     | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND         |           | 5.0 | 0.95 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 5.0 | 0.95 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 5.0 | 0.75 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,1,2-Trichloroethane                 | ND         |           | 5.0 | 0.95 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>1,1-Dichloroethane</b>             | <b>450</b> |           | 5.0 | 1.2  | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>1,1-Dichloroethene</b>             | <b>10</b>  |           | 5.0 | 1.3  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2,4-Trichlorobenzene                | ND         |           | 5.0 | 1.0  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 50  | 4.7  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2-Dibromoethane                     | ND         |           | 5.0 | 1.1  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2-Dichlorobenzene                   | ND         |           | 5.0 | 0.95 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2-Dichloroethane                    | ND         |           | 5.0 | 1.0  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,2-Dichloropropane                   | ND         |           | 5.0 | 1.3  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,3-Dichlorobenzene                   | ND         |           | 5.0 | 0.90 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 1,4-Dichlorobenzene                   | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| 2-Butanone (MEK)                      | ND         |           | 250 | 13   | ug/L |   |          | 05/02/17 16:05 | 5       |
| 2-Hexanone                            | ND         |           | 50  | 6.4  | ug/L |   |          | 05/02/17 16:05 | 5       |
| 4-Methyl-2-pentanone (MIBK)           | ND         |           | 50  | 4.1  | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Acetone</b>                        | <b>160</b> |           | 130 | 13   | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Benzene</b>                        | <b>2.9</b> | <b>J</b>  | 5.0 | 1.0  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Bromodichloromethane                  | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Bromoform                             | ND         |           | 5.0 | 1.5  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Bromomethane                          | ND         |           | 5.0 | 1.8  | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Carbon disulfide</b>               | <b>2.4</b> | <b>J</b>  | 5.0 | 1.1  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Carbon tetrachloride                  | ND         |           | 5.0 | 0.90 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Chlorobenzene                         | ND         |           | 5.0 | 0.90 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Chloroethane</b>                   | <b>180</b> |           | 5.0 | 1.8  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Chloroform                            | ND         |           | 5.0 | 1.2  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Chloromethane                         | ND         |           | 5.0 | 1.8  | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>cis-1,2-Dichloroethene</b>         | <b>650</b> |           | 5.0 | 1.1  | ug/L |   |          | 05/02/17 16:05 | 5       |
| cis-1,3-Dichloropropene               | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Cyclohexane                           | ND         |           | 25  | 0.65 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Dibromochloromethane                  | ND         |           | 5.0 | 1.3  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Dichlorodifluoromethane               | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Ethylbenzene</b>                   | <b>5.8</b> | <b>*</b>  | 5.0 | 0.95 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Isopropylbenzene                      | ND         |           | 5.0 | 1.7  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Methyl acetate                        | ND         |           | 50  | 2.9  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Methyl tert-butyl ether               | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Methylcyclohexane                     | ND         |           | 25  | 0.45 | ug/L |   |          | 05/02/17 16:05 | 5       |
| Methylene Chloride                    | ND         |           | 25  | 5.0  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Styrene                               | ND         | <b>*</b>  | 5.0 | 1.4  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Tetrachloroethene                     | ND         |           | 5.0 | 0.70 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Toluene</b>                        | <b>130</b> |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>trans-1,2-Dichloroethene</b>       | <b>5.9</b> |           | 5.0 | 1.2  | ug/L |   |          | 05/02/17 16:05 | 5       |
| trans-1,3-Dichloropropene             | ND         |           | 5.0 | 0.85 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Trichloroethene</b>                | <b>70</b>  |           | 5.0 | 1.0  | ug/L |   |          | 05/02/17 16:05 | 5       |
| Trichlorofluoromethane                | ND         | <b>*</b>  | 5.0 | 1.1  | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Vinyl chloride</b>                 | <b>180</b> |           | 5.0 | 0.90 | ug/L |   |          | 05/02/17 16:05 | 5       |
| <b>Xylenes, Total</b>                 | <b>29</b>  |           | 15  | 2.9  | ug/L |   |          | 05/02/17 16:05 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-15S**

**Date Collected: 04/19/17 09:05**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-27**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 102              |                  | 70 - 130      |                 | 05/02/17 16:05  | 5              |
| 4-Bromofluorobenzene (Surr)  | 98               |                  | 70 - 130      |                 | 05/02/17 16:05  | 5              |
| Toluene-d8 (Surr)            | 91               |                  | 70 - 130      |                 | 05/02/17 16:05  | 5              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 16:05  | 5              |

# Client Sample Results

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-15D**

**Date Collected: 04/19/17 08:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-28**

**Matrix: Ground Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result      | Qualifier | RL  | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|-------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.15  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,1-Dichloroethane                    | ND          |           | 1.0 | 0.24  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 10  | 0.94  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 19:41 | 1       |
| <b>1,2-Dichloroethane</b>             | <b>0.35</b> | <b>J</b>  | 1.0 | 0.20  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 50  | 2.6   | ug/L |   |          | 05/01/17 19:41 | 1       |
| 2-Hexanone                            | ND          |           | 10  | 1.3   | ug/L |   |          | 05/01/17 19:41 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 10  | 0.81  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Acetone                               | ND          |           | 25  | 2.7   | ug/L |   |          | 05/01/17 19:41 | 1       |
| Benzene                               | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.29  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.35  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.22  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 19:41 | 1       |
| <b>Chloroethane</b>                   | <b>390</b>  |           | 5.0 | 1.8   | ug/L |   |          | 05/02/17 16:31 | 5       |
| Chloroform                            | ND          |           | 1.0 | 0.23  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.36  | ug/L |   |          | 05/01/17 19:41 | 1       |
| cis-1,2-Dichloroethene                | ND          |           | 1.0 | 0.21  | ug/L |   |          | 05/01/17 19:41 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Cyclohexane                           | ND          |           | 5.0 | 0.13  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.25  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.19  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.33  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Methyl acetate                        | ND          |           | 10  | 0.58  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Methylcyclohexane                     | ND          |           | 5.0 | 0.090 | ug/L |   |          | 05/01/17 19:41 | 1       |
| Methylene Chloride                    | ND          |           | 5.0 | 1.0   | ug/L |   |          | 05/01/17 19:41 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.28  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.14  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| <b>trans-1,2-Dichloroethene</b>       | <b>0.41</b> | <b>J</b>  | 1.0 | 0.23  | ug/L |   |          | 05/01/17 19:41 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.17  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.20  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Trichlorofluoromethane                | ND          | *         | 1.0 | 0.21  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Vinyl chloride                        | ND          |           | 1.0 | 0.18  | ug/L |   |          | 05/01/17 19:41 | 1       |
| Xylenes, Total                        | ND          |           | 3.0 | 0.58  | ug/L |   |          | 05/01/17 19:41 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: AECOM, Inc.

Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-15D**

**Date Collected: 04/19/17 08:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-28**

**Matrix: Ground Water**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 104              |                  | 70 - 130      |                 | 05/01/17 19:41  | 1              |
| 1,2-Dichloroethane-d4 (Surr) | 105              |                  | 70 - 130      |                 | 05/02/17 16:31  | 5              |
| 4-Bromofluorobenzene (Surr)  | 100              |                  | 70 - 130      |                 | 05/01/17 19:41  | 1              |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 70 - 130      |                 | 05/02/17 16:31  | 5              |
| Toluene-d8 (Surr)            | 98               |                  | 70 - 130      |                 | 05/01/17 19:41  | 1              |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |                 | 05/02/17 16:31  | 5              |
| Dibromofluoromethane (Surr)  | 103              |                  | 70 - 130      |                 | 05/01/17 19:41  | 1              |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130      |                 | 05/02/17 16:31  | 5              |

# Lab Chronicle

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-2**

**Date Collected: 04/20/17 09:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-1**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 01:45       | BBR     | TAL NSH |

**Client Sample ID: MW-3**

**Date Collected: 04/20/17 10:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-2**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 02:11       | BBR     | TAL NSH |

**Client Sample ID: MW-4**

**Date Collected: 04/18/17 14:10**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-3**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 5               | 426462       | 05/01/17 16:40       | NC      | TAL NSH |

**Client Sample ID: MW-6**

**Date Collected: 04/19/17 09:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-4**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 02:37       | BBR     | TAL NSH |

**Client Sample ID: MW-10**

**Date Collected: 04/19/17 10:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-5**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 03:03       | BBR     | TAL NSH |

**Client Sample ID: MW-11**

**Date Collected: 04/18/17 16:55**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-6**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 14:04       | NC      | TAL NSH |

TestAmerica Buffalo

# Lab Chronicle

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-12**

**Date Collected: 04/18/17 13:10**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-7**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 14:30       | NC      | TAL NSH |

**Client Sample ID: MW-16S**

**Date Collected: 04/20/17 08:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-8**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 200             | 426590       | 05/02/17 08:15       | BBR     | TAL NSH |

**Client Sample ID: Duplicate**

**Date Collected: 04/19/17 07:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-9**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 03:29       | BBR     | TAL NSH |

**Client Sample ID: Rinse Blank**

**Date Collected: 04/18/17 11:45**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-10**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 13:38       | NC      | TAL NSH |

**Client Sample ID: MW-16D**

**Date Collected: 04/19/17 15:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-11**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426684       | 05/02/17 14:21       | RP      | TAL NSH |

**Client Sample ID: MW-13S**

**Date Collected: 04/19/17 12:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-12**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 03:55       | BBR     | TAL NSH |

TestAmerica Buffalo

# Lab Chronicle

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-8R**

**Date Collected: 04/18/17 13:35**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-13**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 50              | 426684       | 05/02/17 14:47       | RP      | TAL NSH |

**Client Sample ID: MW-13D**

**Date Collected: 04/19/17 13:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-14**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426590       | 05/02/17 04:21       | BBR     | TAL NSH |

**Client Sample ID: GWCT**

**Date Collected: 04/18/17 10:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-15**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 14:56       | NC      | TAL NSH |

**Client Sample ID: Trip Blank**

**Date Collected: 04/18/17 06:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-16**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 13:12       | NC      | TAL NSH |

**Client Sample ID: DPT-1**

**Date Collected: 04/18/17 10:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-17**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 5               | 426462       | 05/01/17 20:07       | NC      | TAL NSH |

**Client Sample ID: DPT-2**

**Date Collected: 04/18/17 09:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-18**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 5               | 426462       | 05/01/17 20:33       | NC      | TAL NSH |

TestAmerica Buffalo

# Lab Chronicle

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: DPT-3**

**Date Collected: 04/18/17 09:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-19**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 15:22       | NC      | TAL NSH |
| Total/NA  | Analysis   | 8260C        |     | 20              | 426684       | 05/02/17 15:13       | RP      | TAL NSH |

**Client Sample ID: DPT-4**

**Date Collected: 04/18/17 09:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-20**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 20              | 426462       | 05/01/17 17:58       | NC      | TAL NSH |

**Client Sample ID: DPT-5**

**Date Collected: 04/18/17 08:40**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-21**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 20              | 426684       | 05/02/17 15:39       | RP      | TAL NSH |

**Client Sample ID: DPT-7**

**Date Collected: 04/18/17 08:20**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-22**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426684       | 05/02/17 13:29       | RP      | TAL NSH |

**Client Sample ID: DPT-8**

**Date Collected: 04/18/17 08:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-23**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 50              | 426462       | 05/01/17 18:24       | NC      | TAL NSH |

**Client Sample ID: MW-9**

**Date Collected: 04/20/17 11:00**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-24**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426684       | 05/02/17 13:55       | RP      | TAL NSH |

TestAmerica Buffalo



# Lab Chronicle

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

**Client Sample ID: MW-14S**

**Date Collected: 04/18/17 15:25**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-25**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 15:48       | NC      | TAL NSH |

**Client Sample ID: MW-14D**

**Date Collected: 04/18/17 14:50**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-26**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 16:14       | NC      | TAL NSH |

**Client Sample ID: MW-15S**

**Date Collected: 04/19/17 09:05**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-27**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 5               | 426684       | 05/02/17 16:05       | RP      | TAL NSH |

**Client Sample ID: MW-15D**

**Date Collected: 04/19/17 08:30**

**Date Received: 04/21/17 11:45**

**Lab Sample ID: 480-116720-28**

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 426462       | 05/01/17 19:41       | NC      | TAL NSH |
| Total/NA  | Analysis   | 8260C        |     | 5               | 426684       | 05/02/17 16:31       | RP      | TAL NSH |

## Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Accreditation/Certification Summary

Client: AECOM, Inc.

TestAmerica Job ID: 480-116720-1

Project/Site: Scott Figgie West of Plant 2

## Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | EPA Region | Identification Number | Expiration Date |
|-----------|---------|------------|-----------------------|-----------------|
| New York  | NELAP   | 2          | 10026                 | 03-31-18        |

## Laboratory: TestAmerica Nashville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority                        | Program       | EPA Region | Identification Number | Expiration Date |
|----------------------------------|---------------|------------|-----------------------|-----------------|
| A2LA                             | A2LA          |            | NA: NELAP & A2LA      | 12-31-17        |
| A2LA                             | ISO/IEC 17025 |            | 0453.07               | 12-31-17        |
| Alaska (UST)                     | State Program | 10         | UST-087               | 09-01-17        |
| Arizona                          | State Program | 9          | AZ0473                | 05-05-17 *      |
| Arkansas DEQ                     | State Program | 6          | 88-0737               | 04-25-18        |
| California                       | State Program | 9          | 2938                  | 10-31-18        |
| Connecticut                      | State Program | 1          | PH-0220               | 12-31-17        |
| Florida                          | NELAP         | 4          | E87358                | 06-30-17        |
| Georgia                          | State Program | 4          | N/A                   | 12-31-17        |
| Illinois                         | NELAP         | 5          | 200010                | 12-09-17        |
| Iowa                             | State Program | 7          | 131                   | 04-01-18        |
| Kansas                           | NELAP         | 7          | E-10229               | 10-31-17        |
| Kentucky (UST)                   | State Program | 4          | 19                    | 06-30-17        |
| Kentucky (WW)                    | State Program | 4          | 90038                 | 12-31-17        |
| Louisiana                        | NELAP         | 6          | 30613                 | 06-30-17        |
| Maine                            | State Program | 1          | TN00032               | 11-03-17        |
| Maryland                         | State Program | 3          | 316                   | 03-31-18        |
| Massachusetts                    | State Program | 1          | M-TN032               | 06-30-17        |
| Minnesota                        | NELAP         | 5          | 047-999-345           | 12-31-17        |
| Mississippi                      | State Program | 4          | N/A                   | 06-30-17        |
| Montana (UST)                    | State Program | 8          | NA                    | 02-24-20        |
| Nevada                           | State Program | 9          | TN00032               | 07-31-17        |
| New Hampshire                    | NELAP         | 1          | 2963                  | 10-09-17        |
| New Jersey                       | NELAP         | 2          | TN965                 | 06-30-17        |
| New York                         | NELAP         | 2          | 11342                 | 03-31-18        |
| North Carolina (WW/SW)           | State Program | 4          | 387                   | 12-31-17        |
| North Dakota                     | State Program | 8          | R-146                 | 06-30-17        |
| Ohio VAP                         | State Program | 5          | CL0033                | 07-10-17        |
| Oklahoma                         | State Program | 6          | 9412                  | 08-31-17        |
| Oregon                           | NELAP         | 10         | TN200001              | 04-27-17 *      |
| Pennsylvania                     | NELAP         | 3          | 68-00585              | 06-30-17        |
| Rhode Island                     | State Program | 1          | LAO00268              | 12-30-17        |
| South Carolina                   | State Program | 4          | 84009 (001)           | 02-28-18        |
| South Carolina (Do Not Use - DW) | State Program | 4          | 84009 (002)           | 12-16-17        |
| Tennessee                        | State Program | 4          | 2008                  | 02-23-20        |
| Texas                            | NELAP         | 6          | T104704077            | 08-31-17        |
| USDA                             | Federal       |            | P330-13-00306         | 12-01-19        |
| Utah                             | NELAP         | 8          | TN00032               | 07-31-17        |
| Virginia                         | NELAP         | 3          | 460152                | 06-14-17        |
| Washington                       | State Program | 10         | C789                  | 07-19-17        |
| West Virginia DEP                | State Program | 3          | 219                   | 02-28-18        |
| Wisconsin                        | State Program | 5          | 998020430             | 08-31-17        |
| Wyoming (UST)                    | A2LA          | 8          | 453.07                | 12-31-17        |

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Buffalo

## Method Summary

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

| Method | Method Description                  | Protocol | Laboratory |
|--------|-------------------------------------|----------|------------|
| 8260C  | Volatile Organic Compounds by GC/MS | SW846    | TAL NSH    |

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Sample Summary

Client: AECOM, Inc.  
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-116720-1

| Lab Sample ID | Client Sample ID | Matrix       | Collected      | Received       |
|---------------|------------------|--------------|----------------|----------------|
| 480-116720-1  | MW-2             | Ground Water | 04/20/17 09:00 | 04/21/17 11:45 |
| 480-116720-2  | MW-3             | Ground Water | 04/20/17 10:00 | 04/21/17 11:45 |
| 480-116720-3  | MW-4             | Ground Water | 04/18/17 14:10 | 04/21/17 11:45 |
| 480-116720-4  | MW-6             | Ground Water | 04/19/17 09:40 | 04/21/17 11:45 |
| 480-116720-5  | MW-10            | Ground Water | 04/19/17 10:30 | 04/21/17 11:45 |
| 480-116720-6  | MW-11            | Ground Water | 04/18/17 16:55 | 04/21/17 11:45 |
| 480-116720-7  | MW-12            | Ground Water | 04/18/17 13:10 | 04/21/17 11:45 |
| 480-116720-8  | MW-16S           | Ground Water | 04/20/17 08:00 | 04/21/17 11:45 |
| 480-116720-9  | Duplicate        | Water        | 04/19/17 07:00 | 04/21/17 11:45 |
| 480-116720-10 | Rinse Blank      | Water        | 04/18/17 11:45 | 04/21/17 11:45 |
| 480-116720-11 | MW-16D           | Ground Water | 04/19/17 15:00 | 04/21/17 11:45 |
| 480-116720-12 | MW-13S           | Ground Water | 04/19/17 12:00 | 04/21/17 11:45 |
| 480-116720-13 | MW-8R            | Ground Water | 04/18/17 13:35 | 04/21/17 11:45 |
| 480-116720-14 | MW-13D           | Ground Water | 04/19/17 13:00 | 04/21/17 11:45 |
| 480-116720-15 | GWCT             | Water        | 04/18/17 10:20 | 04/21/17 11:45 |
| 480-116720-16 | Trip Blank       | Water        | 04/18/17 06:30 | 04/21/17 11:45 |
| 480-116720-17 | DPT-1            | Water        | 04/18/17 10:00 | 04/21/17 11:45 |
| 480-116720-18 | DPT-2            | Water        | 04/18/17 09:40 | 04/21/17 11:45 |
| 480-116720-19 | DPT-3            | Water        | 04/18/17 09:20 | 04/21/17 11:45 |
| 480-116720-20 | DPT-4            | Water        | 04/18/17 09:00 | 04/21/17 11:45 |
| 480-116720-21 | DPT-5            | Water        | 04/18/17 08:40 | 04/21/17 11:45 |
| 480-116720-22 | DPT-7            | Water        | 04/18/17 08:20 | 04/21/17 11:45 |
| 480-116720-23 | DPT-8            | Water        | 04/18/17 08:00 | 04/21/17 11:45 |
| 480-116720-24 | MW-9             | Ground Water | 04/20/17 11:00 | 04/21/17 11:45 |
| 480-116720-25 | MW-14S           | Ground Water | 04/18/17 15:25 | 04/21/17 11:45 |
| 480-116720-26 | MW-14D           | Ground Water | 04/18/17 14:50 | 04/21/17 11:45 |
| 480-116720-27 | MW-15S           | Ground Water | 04/19/17 09:05 | 04/21/17 11:45 |
| 480-116720-28 | MW-15D           | Ground Water | 04/19/17 08:30 | 04/21/17 11:45 |

## Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-116720-1

Login Number: 116720

List Number: 1

Creator: Janish, Carl M

List Source: TestAmerica Buffalo

| Question                                                                         | Answer | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Radioactivity either was not measured or, if measured, is at or below background | True   |         |
| The cooler's custody seal, if present, is intact.                                | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |         |
| Samples were received on ice.                                                    | True   |         |
| Cooler Temperature is acceptable.                                                | True   |         |
| Cooler Temperature is recorded.                                                  | True   |         |
| COC is present.                                                                  | True   |         |
| COC is filled out in ink and legible.                                            | True   |         |
| COC is filled out with all pertinent information.                                | True   |         |
| Is the Field Sampler's name present on COC?                                      | True   |         |
| There are no discrepancies between the sample IDs on the containers and the COC. | True   |         |
| Samples are received within Holding Time (Excluding tests with immediate HTs)..  | True   |         |
| Sample containers have legible labels.                                           | True   |         |
| Containers are not broken or leaking.                                            | True   |         |
| Sample collection date/times are provided.                                       | True   |         |
| Appropriate sample containers are used.                                          | True   |         |
| Sample bottles are completely filled.                                            | True   |         |
| Sample Preservation Verified                                                     | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |         |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.     | True   |         |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True   |         |
| Multiphasic samples are not present.                                             | True   |         |
| Samples do not require splitting or compositing.                                 | True   |         |
| Sampling Company provided.                                                       | True   | aecom   |
| Samples received within 48 hours of sampling.                                    | False  |         |
| Samples requiring field filtration have been filtered in the field.              | N/A    |         |
| Chlorine Residual checked.                                                       | N/A    |         |

## Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-116720-1

**Login Number: 116720**

**List Number: 2**

**Creator: Shaw, Rashard M**

**List Source: TestAmerica Nashville**

**List Creation: 04/28/17 03:22 PM**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | N/A    |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

## Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-116720-1

**Login Number: 116720**

**List Number: 3**

**Creator: Shaw, Rashard M**

**List Source: TestAmerica Nashville**

**List Creation: 04/28/17 03:23 PM**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | N/A    |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

5/5/2017



# TestAmerica Buffalo

10 Hazelwood Drive  
Amherst, NY 14228-2288  
Phone (716) 691-2600 Fax (716) 691-7991

## Chain of Custody Record

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

|                                                                                                                                                                                                                                                                            |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------|--|---------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|-----------------------------------|--|
| <b>Client Information</b><br>Client Contact:<br>Mr. Dino Zack                                                                                                                                                                                                              |  | Sample: <u>Dino Zack</u>   |             | Lab PM:<br>Fischer, Brian J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             | Carrier Tracking No(s):                                         |  | COC No:<br>480-95218-3450.2     |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
|                                                                                                                                                                                                                                                                            |  | Phone: <u>716-866-8222</u> |             | E-Mail:<br>brian.fischer@testamericainc.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |                                                                 |  | Page:<br>Page 2 of 3            |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Company:<br>AECOM, Inc.                                                                                                                                                                                                                                                    |  |                            |             | <b>Analysis Requested</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Address:<br>257 West Genesee Street Suite 400<br>City:<br>Buffalo<br>State, Zip:<br>NY, 14202-2657<br>Phone:<br><br>Email:<br>dino.zack@aecom.com<br>Project Name:<br>Scott Aviation site<br>Site:<br>New York                                                             |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Due Date Requested:                                                                                                                                                                                                                                                        |  |                            |             | <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">Field Filtered Sample (Yes or No)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">Perform MS/MSD (Yes or No)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">B280C - TCL list OLM04.2</div> </div>                                         |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| TAT Requested (days):<br><u>Standard TAT</u>                                                                                                                                                                                                                               |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| PO #:<br>Purchase Order not requir                                                                                                                                                                                                                                         |  |                            |             | <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">Total Number of Containers</div> </div>                                                                                                                                                                                                                                                                                                                                |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| WO #:                                                                                                                                                                                                                                                                      |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Project #:<br>48002539                                                                                                                                                                                                                                                     |  |                            |             | <b>Preservation Codes:</b><br><div style="display: flex; justify-content: space-between; font-size: x-small;"> <div>A - HCL<br/>B - NaOH<br/>C - Zn Acetate<br/>D - Nitric Acid<br/>E - NaHSO4<br/>F - MeOH<br/>G - Amchlor<br/>H - Ascorbic Acid<br/>I - Ice<br/>J - DI Water<br/>K - EDTA<br/>L - EDA</div> <div>M - Hexane<br/>N - None<br/>O - AsNaO2<br/>P - Na2O4S<br/>Q - Na2SO3<br/>R - Na2S2O3<br/>S - H2SO4<br/>T - TSP Dodecahydrate<br/>U - Acetone<br/>V - MCAA<br/>W - pH 4-5<br/>Z - other (specify)</div> </div> |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| SSOW#:                                                                                                                                                                                                                                                                     |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| <b>Sample Identification</b>                                                                                                                                                                                                                                               |  | Sample Date                | Sample Time | Sample Type<br>(C=Comp, G=grab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Matrix<br>(W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No)                               |  | Perform MS/MSD (Yes or No)      |  | B280C - TCL list OLM04.2                                                                                                                                                                                                                      |  | Total Number of Containers     |  | <b>Special Instructions/Note:</b> |  |
|                                                                                                                                                                                                                                                                            |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| MW-13S                                                                                                                                                                                                                                                                     |  | 4/19/17                    | 1200        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | X                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| MW-8R                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 1335        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| MW-13D                                                                                                                                                                                                                                                                     |  | 4/19/17                    | 1300        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| GWCT                                                                                                                                                                                                                                                                       |  | 4/18/17                    | 1020        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Trip                                                                                                                                                                                                                                                                       |  | 4/18/17                    | 0630        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-1                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 1000        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-2                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 0940        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-3                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 0920        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | X                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-4                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 0900        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | X                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-5                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 0840        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | X                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| DPT-7                                                                                                                                                                                                                                                                      |  | 4/18/17                    | 0820        | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Water                                                       | Y                                                               |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| <b>Possible Hazard Identification</b><br><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b><br><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |  |                                |  |                                   |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                     |  |                            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |                                                                 |  |                                 |  | Special Instructions/QC Requirements:                                                                                                                                                                                                         |  |                                |  |                                   |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                 |  |                            |             | Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             | Time:                                                           |  | Method of Shipment:             |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |
| Relinquished by: <u>Dino Zack</u>                                                                                                                                                                                                                                          |  |                            |             | Date/Time: <u>4/20/17 1145hrs</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             | Company: <u>AECOM</u>                                           |  | Received by: <u>[Signature]</u> |  |                                                                                                                                                                                                                                               |  | Date/Time: <u>4/21/17 1130</u> |  | Company: <u>TAC</u>               |  |
| Relinquished by: <u>[Signature]</u>                                                                                                                                                                                                                                        |  |                            |             | Date/Time: <u>4.21.17 1145hr</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             | Company: <u>TAC</u>                                             |  | Received by: <u>[Signature]</u> |  |                                                                                                                                                                                                                                               |  | Date/Time: <u>4/21/17 1145</u> |  | Company: <u>[Signature]</u>       |  |
| Relinquished by:                                                                                                                                                                                                                                                           |  |                            |             | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                             | Company:                                                        |  | Received by:                    |  |                                                                                                                                                                                                                                               |  | Date/Time:                     |  | Company:                          |  |
| Custody Seals Intact:<br>Δ Yes Δ No                                                                                                                                                                                                                                        |  |                            |             | Custody Seal No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             | Cooler Temperature(s) °C and Other Remarks: <u>3.24 2.18 #1</u> |  |                                 |  |                                                                                                                                                                                                                                               |  |                                |  |                                   |  |

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## COOLER RECEIPT FORM



480-116720 Chain of Custody

Cooler Received/Opened On 4/28/2017 @ 1005

Time Samples Removed From Cooler 15:42 Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 0600 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot \_\_\_\_\_ Chlorine Strip Lot \_\_\_\_\_

2. Temperature of rep. sample or temp blank when opened: 5.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) cm

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap 02 Plastic bag 02 Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) De

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) JS

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) JS

I certify that I attached a label with the unique LIMS number to each container (initial) JS

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_

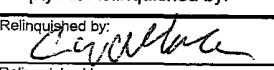
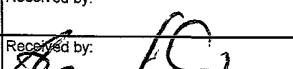
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TestAmerica

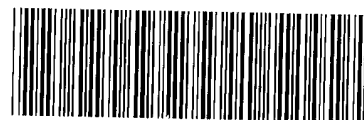
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------|---|----------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------------------------------|--|--|-----------------------------------|--|--------------------------|--|--|--|--|--------------|--|--|--|--|
| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Sampler:                            |                    | Lab PM:                                                                                                                                                          |                                                                 | COC No:      |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Client Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Phone:                              |                    | Fischer, Brian J                                                                                                                                                 |                                                                 | 480-34616.1  |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Shipping/Receiving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                     |                    | E-Mail:                                                                                                                                                          |                                                                 | Page:        |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                     |                    | brian.fischer@testamericainc.com                                                                                                                                 |                                                                 | Page 1 of 4  |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Accreditations Required (See note): |                    | S.                                                                                                                                                               |                                                                 | Job #:       |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| TestAmerica Laboratories, Inc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | NELAP - New York                    |                    | New York                                                                                                                                                         |                                                                 | 480-116720-1 |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Due Date Requested:                 |                    | <b>Analysis Requested</b>                                                                                                                                        |                                                                 |              |   | <b>Preservation Codes:</b> |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| 2960 Foster Creighton Drive,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 5/3/2017                            |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | TAT Requested (days):               |                    | <div>Field Filtered Sample (Yes or No)</div> <div>Perform MS/MSD (Yes or No)</div> <div>8260C/5030C TCL list OLM04.2</div> <div>Total Number of containers</div> |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Nashville                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| State, Zip:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| TN, 37204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Phone:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | PO #:                               |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| 615-726-0177(Tel) 615-726-3404(Fax)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Email:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | WO #:                               |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Project Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Project #:                          |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Scott Figgie West of Plant 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 48002539                            |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Site:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | SSOW#:                              |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Scott Aviation Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| <b>Sample Identification - Client ID (Lab ID)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>Sample Date</b>                  | <b>Sample Time</b> | <b>Sample Type (C=comp, G=grab)</b>                                                                                                                              | <b>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</b> |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | <b>Special Instructions/Note:</b> |  |                          |  |  |  |  |              |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| MW-2 (480-116720-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4/20/17                             | 09:00 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-3 (480-116720-2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4/20/17                             | 10:00 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-4 (480-116720-3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4/18/17                             | 14:10 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-6 (480-116720-4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4/19/17                             | 09:40 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-10 (480-116720-5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 4/19/17                             | 10:30 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-11 (480-116720-6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 4/18/17                             | 16:55 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-12 (480-116720-7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 4/18/17                             | 13:10 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| MW-16S (480-116720-8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 4/20/17                             | 08:00 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| Duplicate (480-116720-9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 4/19/17                             | 07:00 Eastern      |                                                                                                                                                                  | Water                                                           |              | X |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  | 3                                 |  |                          |  |  |  |  |              |  |  |  |  |
| <p>Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte &amp; accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.</p> |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  |                                                                                                                                      |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  | <b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>                                          |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Unconfirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  | Special Instructions/QC Requirements:                                                                                                |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                     |                    |                                                                                                                                                                  |                                                                 |              |   |                            |  | Date: _____ Time: _____ Method of Shipment:                                                                                          |  |  |  |  |                                                                                                    |  |  |                                   |  |                          |  |  |  |  |              |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                     |                    |                                                                                                                                                                  | Date/Time: 4/27/17 1600                                         |              |   |                            |  | Company: TDS                                                                                                                         |  |  |  |  | Received by:                                                                                       |  |  |                                   |  | Date/Time:               |  |  |  |  | Company:     |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                     |                    |                                                                                                                                                                  | Date/Time:                                                      |              |   |                            |  | Company:                                                                                                                             |  |  |  |  | Received by:                                                                                       |  |  |                                   |  | Date/Time:               |  |  |  |  | Company:     |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                     |                    |                                                                                                                                                                  | Date/Time:                                                      |              |   |                            |  | Company:                                                                                                                             |  |  |  |  | Received by:  |  |  |                                   |  | Date/Time: 4-28-17 10:05 |  |  |  |  | Company: TAU |  |  |  |  |

5/5/2017

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## COOLER RECEIPT FORM



480-116720 Chain of Custody

Cooler Received/Opened On 4/28/2017 @ 1005

Time Samples Removed From Cooler 15:42 Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 0600 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot \_\_\_\_\_ Chlorine Strip Lot \_\_\_\_\_

2. Temperature of rep. sample or temp blank when opened: 5.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1 FRONT

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

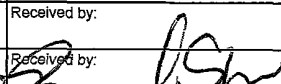
I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

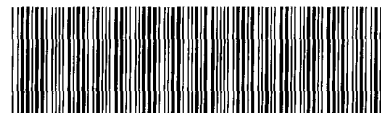
21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_



Loc: 480  
**116720**

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

|                                                                                                                                                                                                                                                               |         |                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                  |         | Sampler:                        |                    | Lab PM:                                                                                                                                                                                                                                                                                                                                                                          |                                                                  | Carrier                                                                                                                                  |                                   |
| Client Contact:<br>Shipping/Receiving                                                                                                                                                                                                                         |         | Phone:                          |                    | Fischer, Brian J                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | State                                                                                                                                    |                                   |
|                                                                                                                                                                                                                                                               |         |                                 |                    | E-Mail:<br>brian.fischer@testamericainc.com                                                                                                                                                                                                                                                                                                                                      |                                                                  | New York                                                                                                                                 |                                   |
| Company:<br>TestAmerica Laboratories, Inc                                                                                                                                                                                                                     |         |                                 |                    | Accreditations Required (See note):<br>NELAP - New York                                                                                                                                                                                                                                                                                                                          |                                                                  |                                                                                                                                          |                                   |
| Address:<br>2960 Foster Creighton Drive,                                                                                                                                                                                                                      |         | Due Date Requested:<br>5/3/2017 |                    | <b>Analysis Requested</b>                                                                                                                                                                                                                                                                                                                                                        |                                                                  |                                                                                                                                          |                                   |
| City:<br>Nashville                                                                                                                                                                                                                                            |         | TAT Requested (days):           |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| State, Zip:<br>TN, 37204                                                                                                                                                                                                                                      |         |                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| Phone:<br>615-726-0177(Tel) 615-726-3404(Fax)                                                                                                                                                                                                                 |         | PO #:                           |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| Email:                                                                                                                                                                                                                                                        |         | WO #:                           |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| Project Name:<br>Scott Figgie West of Plant 2                                                                                                                                                                                                                 |         | Project #:<br>48002539          |                    | <b>Field Filtered Sample (Yes or No)</b><br><b>Permit (MS/MSD) (Yes or No)</b><br>8260C/5030C TCL list OLM04.2                                                                                                                                                                                                                                                                   |                                                                  |                                                                                                                                          |                                   |
| Site:<br>Scott Aviation Site                                                                                                                                                                                                                                  |         | SSOW#:                          |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
|                                                                                                                                                                                                                                                               |         |                                 |                    | <b>Preservation Codes:</b><br>A - HCL M - Hexane<br>B - NaOH N - None<br>C - Zn Acetate O - AsNaO2<br>D - Nitric Acid P - Na2O4S<br>E - NaHSO4 Q - Na2SO3<br>F - MeOH R - Na2S2O3<br>G - Amchlor S - H2SO4<br>H - Ascorbic Acid T - TSP Dodecahydrate<br>I - Ice U - Acetone<br>J - DI Water V - MCAA<br>K - EDTA W - pH 4-5<br>L - EDA Z - other (specify)<br><br><b>Other:</b> |                                                                  |                                                                                                                                          |                                   |
|                                                                                                                                                                                                                                                               |         |                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| <b>Sample Identification - Client ID (Lab ID)</b>                                                                                                                                                                                                             |         | <b>Sample Date</b>              | <b>Sample Time</b> | <b>Sample Type (C=Comp, G=grab)</b>                                                                                                                                                                                                                                                                                                                                              | <b>Matrix (W=water, S=solid, O=waste/oil, BT=Testube, A=Air)</b> | <b>Total Number of containers</b>                                                                                                        |                                   |
|                                                                                                                                                                                                                                                               |         |                                 |                    | <b>Preservation Code</b>                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                                                                                                                                          | <b>Special Instructions/Note:</b> |
| Rinse Blank (480-116720-10)                                                                                                                                                                                                                                   | 4/18/17 | 11:45 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| MW-16D (480-116720-11)                                                                                                                                                                                                                                        | 4/19/17 | 15:00 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| MW-13S (480-116720-12)                                                                                                                                                                                                                                        | 4/19/17 | 12:00 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| MW-8R (480-116720-13)                                                                                                                                                                                                                                         | 4/18/17 | 13:35 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| MW-13D (480-116720-14)                                                                                                                                                                                                                                        | 4/19/17 | 13:00 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| GWCT (480-116720-15)                                                                                                                                                                                                                                          | 4/18/17 | 10:20 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| Trip Blank (480-116720-16)                                                                                                                                                                                                                                    | 4/18/17 | 06:30 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| DPT-1 (480-116720-17)                                                                                                                                                                                                                                         | 4/18/17 | 10:00 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| DPT-2 (480-116720-18)                                                                                                                                                                                                                                         | 4/18/17 | 09:40 Eastern                   |                    | Water                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | X                                                                                                                                        | 3                                 |
| Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I |         |                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |                                                                                                                                          |                                   |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                                                         |         |                                 |                    | <b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>                                                                                                                                                                                                                                                                                      |                                                                  |                                                                                                                                          |                                   |
| Unconfirmed                                                                                                                                                                                                                                                   |         |                                 |                    | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months                                                                                                                                                                                                                                             |                                                                  |                                                                                                                                          |                                   |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                        |         | Primary Deliverable Rank: 1     |                    | Special Instructions/QC Requirements:                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                                                                                                          |                                   |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                    |         | Date:                           |                    | Time:                                                                                                                                                                                                                                                                                                                                                                            |                                                                  | Method of Shipment:                                                                                                                      |                                   |
| Relinquished by:                                                                                                                                                           |         | Date/Time: 4/27/17 1600         |                    | Company: TAB                                                                                                                                                                                                                                                                                                                                                                     |                                                                  | Received by: _____ Date/Time: _____ Company: _____                                                                                       |                                   |
| Relinquished by:                                                                                                                                                                                                                                              |         | Date/Time:                      |                    | Company:                                                                                                                                                                                                                                                                                                                                                                         |                                                                  | Received by: _____ Date/Time: _____ Company: _____                                                                                       |                                   |
| Relinquished by:                                                                                                                                                                                                                                              |         | Date/Time:                      |                    | Company:                                                                                                                                                                                                                                                                                                                                                                         |                                                                  | Received by:  Date/Time: 4/26/17 10:03 Company: TAN |                                   |
| Custody Seals Intact:<br>Δ Yes Δ No                                                                                                                                                                                                                           |         | Custody Seal No.:               |                    | Cooler Temperature(s) °C and Other Remarks:<br><br>S.S                                                                                                                                                                                                                                                                                                                           |                                                                  |                                                                                                                                          |                                   |



## COOLER RECEIPT FORM

Cooler Received/Opened On 4/28/2017 @ 1005

Time Samples Removed From Cooler 15:42 Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 0600 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot \_\_\_\_\_ Chlorine Strip Lot \_\_\_\_\_

2. Temperature of rep. sample or temp blank when opened: 5.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap NO Plastic bag NO Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_







## COOLER RECEIPT FORM

Cooler Received/Opened On 4/28/2017 @ 1005

Time Samples Removed From Cooler 15:42 Time Samples Placed In Storage \_\_\_\_\_ (2 Hour Window)

1. Tracking # 0600 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot \_\_\_\_\_ Chlorine Strip Lot \_\_\_\_\_

2. Temperature of rep. sample or temp blank when opened: 5.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# \_\_\_\_\_

| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                |         |               |  |       |   | Lab PM:<br>Fischer, Brian J                             |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | COC No:<br>480-34616,3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |            |  |  |          |  |  |  |  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|--|-------|---|---------------------------------------------------------|-------------|------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|--|----------|--|--|--|--|----------------------------|
| Client Contact:<br>Shipping/Receiving                                                                                                                                                                                                                       |         |               |  |       |   | Phone:                                                  |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | E-Mail:<br>brian.fischer@testamericainc.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |  |  |          |  |  |  |  |                            |
| Company:<br>TestAmerica Laboratories, Inc                                                                                                                                                                                                                   |         |               |  |       |   | Accreditations Required (See note):<br>NELAP - New York |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | Page:<br>Page 3 of 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |            |  |  |          |  |  |  |  |                            |
| Address:<br>2960 Foster Creighton Drive,                                                                                                                                                                                                                    |         |               |  |       |   | Due Date Requested:<br>5/3/2017                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | Job #:<br>480-116720-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |            |  |  |          |  |  |  |  |                            |
| City:<br>Nashville                                                                                                                                                                                                                                          |         |               |  |       |   | TAT Requested (days):                                   |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | <b>Analysis Requested</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |            |  |  |          |  |  |  |  |                            |
| State, Zip:<br>TN, 37204                                                                                                                                                                                                                                    |         |               |  |       |   |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Phone:<br>615-726-0177(Tel) 615-726-3404(Fax)                                                                                                                                                                                                               |         |               |  |       |   | PO #:                                                   |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Email:                                                                                                                                                                                                                                                      |         |               |  |       |   | WO #:                                                   |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Project Name:<br>Scott Figgie West of Plant 2                                                                                                                                                                                                               |         |               |  |       |   | Project #:<br>48002539                                  |             |                                    |                                                                                            |                                                                                                                                      |                            |                               | <b>Preservation Codes:</b><br>A - HCL                      M - Hexane<br>B - NaOH                  N - None<br>C - Zn Acetate            O - AsNaO2<br>D - Nitric Acid           P - Na2O4S<br>E - NaHSO4               Q - Na2SO3<br>F - MeOH                  R - Na2S2O3<br>G - Amchlor              S - H2SO4<br>H - Ascorbic Acid       T - TSP Dodecahydrate<br>I - Ice                       U - Acetone<br>J - DI Water               V - MCAA<br>K - EDTA                  W - pH 4-5<br>L - EDA                     Z - other (specify) |  |            |  |  |          |  |  |  |  |                            |
| Site:<br>Scott Aviation Site                                                                                                                                                                                                                                |         |               |  |       |   | SSOW#:                                                  |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Sample Identification - Client ID (Lab ID)                                                                                                                                                                                                                  |         |               |  |       |   | Sample Date                                             | Sample Time | Sample Type<br>(C=comp,<br>G=grab) | Matrix<br>(W=water, S=solid,<br>O=waste/oil,<br>BT=tissue, A=Air)<br><br>Preservation Code | Field Filtered Sample (Yes or No)                                                                                                    | Perform MS/MSB (Yes or No) | 8260C/5030C TCL list OL M04.2 | Total Number of containers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |            |  |  |          |  |  |  |  | Special Instructions/Note: |
| DPT-3 (480-116720-19)                                                                                                                                                                                                                                       | 4/18/17 | 09:20 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| DPT-4 (480-116720-20)                                                                                                                                                                                                                                       | 4/18/17 | 09:00 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| DPT-5 (480-116720-21)                                                                                                                                                                                                                                       | 4/18/17 | 08:40 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| DPT-7 (480-116720-22)                                                                                                                                                                                                                                       | 4/18/17 | 08:20 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| DPT-8 (480-116720-23)                                                                                                                                                                                                                                       | 4/18/17 | 08:00 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| MW-9 (480-116720-24)                                                                                                                                                                                                                                        | 4/20/17 | 11:00 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| MW-14S (480-116720-25)                                                                                                                                                                                                                                      | 4/18/17 | 15:25 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| MW-14D (480-116720-26)                                                                                                                                                                                                                                      | 4/18/17 | 14:50 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| MW-15S (480-116720-27)                                                                                                                                                                                                                                      | 4/19/17 | 09:05 Eastern |  | Water | X |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. |         |               |  |       |   |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                                                       |         |               |  |       |   |                                                         |             |                                    |                                                                                            | <b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>                                          |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Unconfirmed                                                                                                                                                                                                                                                 |         |               |  |       |   |                                                         |             |                                    |                                                                                            | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                      |         |               |  |       |   |                                                         |             |                                    |                                                                                            | Primary Deliverable Rank: 1                                                                                                          |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                  |         |               |  |       |   |                                                         |             |                                    |                                                                                            | Special Instructions/QC Requirements:                                                                                                |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Relinquished by:                                                                                                                                                                                                                                            |         |               |  |       |   | Date:                                                   |             |                                    | Time:                                                                                      |                                                                                                                                      |                            | Method of Shipment:           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Relinquished by:                                                                                                                                                                                                                                            |         |               |  |       |   | Date/Time:                                              |             |                                    | Company:                                                                                   |                                                                                                                                      |                            | Received by:                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Date/Time: |  |  | Company: |  |  |  |  |                            |
| Relinquished by:                                                                                                                                                                                                                                            |         |               |  |       |   | Date/Time:                                              |             |                                    | Company:                                                                                   |                                                                                                                                      |                            | Received by:                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Date/Time: |  |  | Company: |  |  |  |  |                            |
| Relinquished by:                                                                                                                                                                                                                                            |         |               |  |       |   | Date/Time:                                              |             |                                    | Company:                                                                                   |                                                                                                                                      |                            | Received by:                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Date/Time: |  |  | Company: |  |  |  |  |                            |
| Custody Seals Intact:<br>Δ Yes Δ No                                                                                                                                                                                                                         |         |               |  |       |   | Custody Seal No.:                                       |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |
| Cooler Temperature(s) °C and Other Remarks:                                                                                                                                                                                                                 |         |               |  |       |   |                                                         |             |                                    |                                                                                            |                                                                                                                                      |                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |  |  |          |  |  |  |  |                            |