

**Environmental
Resources
Management**

One Beacon Street, 5th Floor
Boston, MA 02108
(617) 646-7800
(617) 267-6447 (fax)

<http://www.erm.com>

23 September 2016
Reference: 0321744

Mr. David Costello
National Development
2310 Washington Street
Newton Lower Falls, MA 02462



Re: Transmittal of Groundwater Analytical Data
Former Raytheon Facility
430 Boston Post Road, Wayland, Massachusetts

Dear Mr. Costello:

On behalf of Raytheon Company (Raytheon), Environmental Resources Management (ERM) is submitting the results of groundwater sample analyses for the Former Raytheon Facility located at 430 Boston Post Road in Wayland, Massachusetts (Site). The results are being submitted pursuant to 310 CMR 40.1403(10) of the Massachusetts Contingency Plan.

Innovative Engineering Solutions, Inc. (IESI) collected groundwater samples from thirty seven (37) monitoring wells located on National Development property in August 2016. These samples were submitted to Alpha Analytical Laboratories, Inc. of Westborough and Mansfield, Massachusetts, and/or TestAmerica Laboratories, Inc. of Amherst, NY and Burlington, VT for analysis. All analytical results are attached to this letter.

Raytheon has implemented the Public Involvement Process in accordance with 310 CMR 40.1405. Documents pertaining to the Site can be found at the Board of Health Public Involvement Plan files, or at <http://raytheon.erm.com/home.htm>.

If you have any questions or comments, please contact the undersigned at (617) 646-7800 or Jonathan Hone, Raytheon Company, at (978) 436-8298.

Mr. Costello
23 September 2016
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**Environmental
Resources
Management**

Sincerely,

A handwritten signature in blue ink, appearing to be "John C. Drobinski".

John C. Drobinski, P.G., LSP
Principal-in-Charge

A handwritten signature in blue ink, appearing to be "Lyndsey Colburn".

Lyndsey Colburn, P.G.
Principal Consultant

enclosures: BWSC-123 - Notice of Environmental Sampling
Laboratory Analytical Reports (CD)

cc: Jonathan Hone, Raytheon Company
PIP Repositories



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

-

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: _____
City/Town: _____ Zip Code: _____

B. This notice is being provided to the following party:

1. Name: _____
2. Street Address: _____
City/Town: _____ Zip Code: _____

C. This notice is being given to inform its recipient (the party listed in Section B):

1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice.
2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.
3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/has been conducted:

1. Street Address: _____
City/Town: _____ Zip Code: _____
2. MCP phase of work during which the sampling will be/has been conducted:
- | | |
|----------------------------------------|---------------------------------------------------------------|
| Immediate Response Action | Phase III Feasibility Evaluation |
| Release Abatement Measure | Phase IV Remedy Implementation Plan |
| Utility-related Abatement Measure | Phase V/Remedy Operation Status |
| Phase I Initial Site Investigation | Post-Temporary Solution Operation, Maintenance and Monitoring |
| Phase II Comprehensive Site Assessment | Other _____ |
- (specify)
3. Description of property where sampling will be/has been conducted:
residential commercial industrial school/playground Other _____
(specify)
4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

E. Contact information related to the party providing this notice:

Contact Name: _____
Street Address: _____
City/Town: _____ Zip Code: _____
Telephone: _____ Email: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

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NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at <http://www.mass.gov/eea/agencies/massdep/cleanup>. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See <http://public.dep.state.ma.us/SearchableSites2/Search.aspx> to view site-specific files on-line or <http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html> if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-104995-1

Client Project/Site: IDS Wayland

For:

ERM-Northeast

One Beacon Steet

5th Floor

Boston, Massachusetts 02108

Attn: Lyndsey Colburn



Authorized for release by:

8/29/2016 12:04:00 PM

Denise Giglia, Project Management Assistant II

denise.giglia@testamericainc.com

Designee for

Becky Mason, Project Manager II

(413)572-4000

becky.mason@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Job ID: 480-104995-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-104995-1

Receipt

The samples were received on 8/25/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Method 8260C: At the request of the client, an abbreviated MCP compound list was reported for this job.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1017D-20160824-01 (480-104995-15). Elevated reporting limits (RLs) are provided.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-1005-20160824-01 (480-104995-5), MW-1006-20160824-01 (480-104995-6), MW-1008-20160824-01 (480-104995-7), MW-1009-20160824-01 (480-104995-8), MW-1010M-20160824-01 (480-104995-9), MW-1010D-20160824-01 (480-104995-10), MW-1013-20160824-01 (480-104995-11), MW-1014-20160824-01 (480-104995-12), MW-1015D-20160824-01 (480-104995-13), MW-1016D-20160824-01 (480-104995-14), MW-1017D-20160824-01 (480-104995-15), MW-1019B-20160824-01 (480-104995-16), MW-1022-20160824-01 (480-104995-17), MW-1023-20160824-01 (480-104995-18), MW-1024D-20160824-01 (480-104995-19), MW-1025M-20160824-01 (480-104995-20), MW-1025D-20160824-01 (480-104995-21), MW-1027-20160824-01 (480-104995-22) and MW-1028-20160824-01 (480-104995-23). The requested target analyte list includes 2-chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) for Dichlorodifluoromethane and Chloromethane associated with batch 480-317754 recovered outside the MCP control limit criteria. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference. The following samples were affected : MW-1005-20160824-01 (480-104995-5), MW-1006-20160824-01 (480-104995-6), MW-1008-20160824-01 (480-104995-7), MW-1009-20160824-01 (480-104995-8), MW-1010M-20160824-01 (480-104995-9), MW-1010D-20160824-01 (480-104995-10), MW-1013-20160824-01 (480-104995-11), MW-1014-20160824-01 (480-104995-12), MW-1015D-20160824-01 (480-104995-13), MW-1016D-20160824-01 (480-104995-14), MW-1017D-20160824-01 (480-104995-15), MW-1019B-20160824-01 (480-104995-16), MW-1022-20160824-01 (480-104995-17), MW-1023-20160824-01 (480-104995-18), MW-1024D-20160824-01 (480-104995-19), MW-1025M-20160824-01 (480-104995-20), MW-1025D-20160824-01 (480-104995-21), MW-1027-20160824-01 (480-104995-22) and MW-1028-20160824-01 (480-104995-23).

Method 8260C: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 480-317754 exceeded control limits for the following analytes: Dichlorodifluoromethane, Chloromethane and Vinyl chloride. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The following samples were affected : MW-1005-20160824-01 (480-104995-5), MW-1006-20160824-01 (480-104995-6), MW-1008-20160824-01 (480-104995-7), MW-1009-20160824-01 (480-104995-8), MW-1010M-20160824-01 (480-104995-9), MW-1010D-20160824-01 (480-104995-10), MW-1013-20160824-01 (480-104995-11), MW-1014-20160824-01 (480-104995-12), MW-1015D-20160824-01 (480-104995-13), MW-1016D-20160824-01 (480-104995-14), MW-1017D-20160824-01 (480-104995-15), MW-1019B-20160824-01 (480-104995-16), MW-1022-20160824-01 (480-104995-17), MW-1023-20160824-01 (480-104995-18), MW-1024D-20160824-01 (480-104995-19), MW-1025M-20160824-01 (480-104995-20), MW-1025D-20160824-01 (480-104995-21), MW-1027-20160824-01 (480-104995-22) and MW-1028-20160824-01 (480-104995-23).

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-1001M-20160824-01 (480-104995-1), MW-1002B-20160824-01 (480-104995-2), MW-1003-20160824-01 (480-104995-3) and (480-104990-A-9). The requested target analyte list includes 2-chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) for Carbon tetrachloride associated with batch 480-317749 recovered outside the MCP control limit criteria. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference. The following samples were affected : MW-1001M-20160824-01 (480-104995-1), MW-1002B-20160824-01 (480-104995-2), MW-1003-20160824-01 (480-104995-3) and (480-104990-A-9).

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 480-317749 exceeded control limits for the following analytes:

Case Narrative

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Job ID: 480-104995-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Carbon tetrachloride. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The following samples were affected : MW-1001M-20160824-01 (480-104995-1), MW-1002B-20160824-01 (480-104995-2), MW-1003-20160824-01 (480-104995-3) and (480-104990-A-9).

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-1004-20160824-01 (480-104995-4), MW-1030-20160824-01 (480-104995-24), MW-1031-20160824-01 (480-104995-25), MW-1033-20160824-01 (480-104995-26), MW-1034-20160824-01 (480-104995-27), DUP-001-20160824 (480-104995-28), DUP-002-20160824 (480-104995-29), DUP-003-20160824 (480-104995-30), DUP-004-20160824 (480-104995-31) and TB001-20160824-01 (480-104995-32). The requested target analyte list includes 2-chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) for 1,1,1-Trichloroethane, Carbon tetrachloride, and Dichlorodifluoromethane associated with batch 480-317839 recovered outside the MCP control limit criteria. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference. Difficult analytes are allowed to be outside the 20% difference but not over 60% difference. The following samples were affected : MW-1004-20160824-01 (480-104995-4), MW-1030-20160824-01 (480-104995-24), MW-1031-20160824-01 (480-104995-25), MW-1033-20160824-01 (480-104995-26), MW-1034-20160824-01 (480-104995-27), DUP-001-20160824 (480-104995-28), DUP-002-20160824 (480-104995-29), DUP-003-20160824 (480-104995-30), DUP-004-20160824 (480-104995-31) and TB001-20160824-01 (480-104995-32).

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 480-317839 exceeded control limits for the following analytes: Carbon tetrachloride. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The following samples were affected : MW-1004-20160824-01 (480-104995-4), MW-1030-20160824-01 (480-104995-24), MW-1031-20160824-01 (480-104995-25), MW-1033-20160824-01 (480-104995-26), MW-1034-20160824-01 (480-104995-27), DUP-001-20160824 (480-104995-28), DUP-002-20160824 (480-104995-29), DUP-003-20160824 (480-104995-30), DUP-004-20160824 (480-104995-31) and TB001-20160824-01 (480-104995-32).

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

MassDEP Analytical Protocol Certification Form

Laboratory Name: **TestAmerica Buffalo** Project #: **480-104995**

Project Location: **IDS Wayland** RTN:

This form provides certifications for the following data set: list Laboratory Sample ID Number(s):
480-104995 [1-32]

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocols (check all that apply below):

8260 VOC CAM II A <input checked="" type="checkbox"/>	7470/7471 Hg CAM III B <input type="checkbox"/>	Mass DEP VPH CAM IV A <input type="checkbox"/>	8081 Pesticides CAM V B <input type="checkbox"/>	7196 Hex Cr CAM VI B <input type="checkbox"/>	Mass DEP APH CAM IX A <input type="checkbox"/>
8270 SVOC CAM II B <input type="checkbox"/>	7010 Metals CAM III C <input type="checkbox"/>	Mass DEP EPH CAM IV B <input type="checkbox"/>	8151 Herbicides CAM V C <input type="checkbox"/>	8330 Explosives CAM VIII A <input type="checkbox"/>	TO-15 VOC CAM IX B <input type="checkbox"/>
6010 Metals CAM III A <input type="checkbox"/>	6020 Metals CAM III D <input type="checkbox"/>	8082 PCB CAM V A <input type="checkbox"/>	9014 Total Cyanide/PAC CAM VI A <input type="checkbox"/>	6860 Perchlorate CAM VIII B <input type="checkbox"/>	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding time.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E	a. VPH, EPH and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No ¹
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Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WCS-07-350

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ¹
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s) ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ¹

¹ All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, is accurate and complete.

Signature: Denise L Giglia Position: Project Manager Assistant II
 Printed Name: Denise L. Giglia Date: 8/29/16 11:50

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1001M-20160824-01

Lab Sample ID: 480-104995-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	7.0		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1002B-20160824-01

Lab Sample ID: 480-104995-2

No Detections.

Client Sample ID: MW-1003-20160824-01

Lab Sample ID: 480-104995-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	8.0		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1004-20160824-01

Lab Sample ID: 480-104995-4

No Detections.

Client Sample ID: MW-1005-20160824-01

Lab Sample ID: 480-104995-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.5		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	6.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1006-20160824-01

Lab Sample ID: 480-104995-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1008-20160824-01

Lab Sample ID: 480-104995-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.3		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1009-20160824-01

Lab Sample ID: 480-104995-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	22		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1010M-20160824-01

Lab Sample ID: 480-104995-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.7		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1010D-20160824-01

Lab Sample ID: 480-104995-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.4		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	38		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	12		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1013-20160824-01

Lab Sample ID: 480-104995-11

No Detections.

Client Sample ID: MW-1014-20160824-01

Lab Sample ID: 480-104995-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.7		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	61		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1015D-20160824-01

Lab Sample ID: 480-104995-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.6		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	10		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1016D-20160824-01

Lab Sample ID: 480-104995-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1017D-20160824-01

Lab Sample ID: 480-104995-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	68		2.0		ug/L	2		8260C	Total/NA
Trichloroethene	38		2.0		ug/L	2		8260C	Total/NA

Client Sample ID: MW-1019B-20160824-01

Lab Sample ID: 480-104995-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.4		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1022-20160824-01

Lab Sample ID: 480-104995-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.1		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1023-20160824-01

Lab Sample ID: 480-104995-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	42		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	2.8		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1024D-20160824-01

Lab Sample ID: 480-104995-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	1.1		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1025M-20160824-01

Lab Sample ID: 480-104995-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.6		1.0		ug/L	1		8260C	Total/NA
1,1-Dichloroethene	4.5		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1025M-20160824-01 (Continued)

Lab Sample ID: 480-104995-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	48		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1025D-20160824-01

Lab Sample ID: 480-104995-21

No Detections.

Client Sample ID: MW-1027-20160824-01

Lab Sample ID: 480-104995-22

No Detections.

Client Sample ID: MW-1028-20160824-01

Lab Sample ID: 480-104995-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.6		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1030-20160824-01

Lab Sample ID: 480-104995-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.0		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1031-20160824-01

Lab Sample ID: 480-104995-25

No Detections.

Client Sample ID: MW-1033-20160824-01

Lab Sample ID: 480-104995-26

No Detections.

Client Sample ID: MW-1034-20160824-01

Lab Sample ID: 480-104995-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	46		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: DUP-001-20160824

Lab Sample ID: 480-104995-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	8.6		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: DUP-002-20160824

Lab Sample ID: 480-104995-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.2		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	43		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: DUP-003-20160824

Lab Sample ID: 480-104995-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.8		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: DUP-003-20160824 (Continued)

Lab Sample ID: 480-104995-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	5.7		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	53		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	23		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: DUP-004-20160824

Lab Sample ID: 480-104995-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	46		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: TB001-20160824-01

Lab Sample ID: 480-104995-32

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1001M-20160824-01

Lab Sample ID: 480-104995-1

Date Collected: 08/24/16 08:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 05:30	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 05:30	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 05:30	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 05:30	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 05:30	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 05:30	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 05:30	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:30	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 05:30	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 05:30	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:30	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:30	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 05:30	1
Bromobenzene	ND		1.0		ug/L			08/26/16 05:30	1
Bromoform	ND		1.0		ug/L			08/26/16 05:30	1
Bromomethane	ND		2.0		ug/L			08/26/16 05:30	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 05:30	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 05:30	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 05:30	1
Chloroethane	ND		2.0		ug/L			08/26/16 05:30	1
Chloroform	ND		1.0		ug/L			08/26/16 05:30	1
Chloromethane	ND		2.0		ug/L			08/26/16 05:30	1
cis-1,2-Dichloroethene	16		1.0		ug/L			08/26/16 05:30	1
Dibromomethane	ND		1.0		ug/L			08/26/16 05:30	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 05:30	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 05:30	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 05:30	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 05:30	1
Trichloroethene	7.0		1.0		ug/L			08/26/16 05:30	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 05:30	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 05:30	1
Toluene-d8 (Surr)	93		70 - 130		08/26/16 05:30	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/26/16 05:30	1

Client Sample ID: MW-1002B-20160824-01

Lab Sample ID: 480-104995-2

Date Collected: 08/24/16 09:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 05:54	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 05:54	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 05:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 05:54	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 05:54	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 05:54	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 05:54	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1002B-20160824-01

Lab Sample ID: 480-104995-2

Date Collected: 08/24/16 09:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:54	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 05:54	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 05:54	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:54	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:54	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 05:54	1
Bromobenzene	ND		1.0		ug/L			08/26/16 05:54	1
Bromoform	ND		1.0		ug/L			08/26/16 05:54	1
Bromomethane	ND		2.0		ug/L			08/26/16 05:54	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 05:54	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 05:54	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 05:54	1
Chloroethane	ND		2.0		ug/L			08/26/16 05:54	1
Chloroform	ND		1.0		ug/L			08/26/16 05:54	1
Chloromethane	ND		2.0		ug/L			08/26/16 05:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 05:54	1
Dibromomethane	ND		1.0		ug/L			08/26/16 05:54	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 05:54	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 05:54	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 05:54	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 05:54	1
Trichloroethene	ND		1.0		ug/L			08/26/16 05:54	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 05:54	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 130		08/26/16 05:54	1
Toluene-d8 (Surr)	91		70 - 130		08/26/16 05:54	1
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 05:54	1

Client Sample ID: MW-1003-20160824-01

Lab Sample ID: 480-104995-3

Date Collected: 08/24/16 10:05

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 06:18	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 06:18	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 06:18	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 06:18	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 06:18	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 06:18	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 06:18	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:18	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 06:18	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 06:18	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:18	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:18	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 06:18	1
Bromobenzene	ND		1.0		ug/L			08/26/16 06:18	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1003-20160824-01

Lab Sample ID: 480-104995-3

Date Collected: 08/24/16 10:05

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 06:18	1
Bromomethane	ND		2.0		ug/L			08/26/16 06:18	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 06:18	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 06:18	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 06:18	1
Chloroethane	ND		2.0		ug/L			08/26/16 06:18	1
Chloroform	ND		1.0		ug/L			08/26/16 06:18	1
Chloromethane	ND		2.0		ug/L			08/26/16 06:18	1
cis-1,2-Dichloroethene	3.9		1.0		ug/L			08/26/16 06:18	1
Dibromomethane	ND		1.0		ug/L			08/26/16 06:18	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 06:18	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 06:18	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 06:18	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 06:18	1
Trichloroethene	8.0		1.0		ug/L			08/26/16 06:18	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 06:18	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		70 - 130					08/26/16 06:18	1
Toluene-d8 (Surr)	92		70 - 130					08/26/16 06:18	1
4-Bromofluorobenzene (Surr)	98		70 - 130					08/26/16 06:18	1

Client Sample ID: MW-1004-20160824-01

Lab Sample ID: 480-104995-4

Date Collected: 08/24/16 10:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 19:23	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 19:23	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 19:23	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 19:23	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 19:23	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 19:23	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 19:23	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 19:23	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 19:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 19:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 19:23	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 19:23	1
Bromobenzene	ND		1.0		ug/L			08/26/16 19:23	1
Bromoform	ND		1.0		ug/L			08/26/16 19:23	1
Bromomethane	ND		2.0		ug/L			08/26/16 19:23	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 19:23	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 19:23	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 19:23	1
Chloroethane	ND		2.0		ug/L			08/26/16 19:23	1
Chloroform	ND		1.0		ug/L			08/26/16 19:23	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1004-20160824-01

Lab Sample ID: 480-104995-4

Date Collected: 08/24/16 10:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0		ug/L			08/26/16 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 19:23	1
Dibromomethane	ND		1.0		ug/L			08/26/16 19:23	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 19:23	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 19:23	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 19:23	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 19:23	1
Trichloroethene	ND		1.0		ug/L			08/26/16 19:23	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 19:23	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130					08/26/16 19:23	1
Toluene-d8 (Surr)	91		70 - 130					08/26/16 19:23	1
4-Bromofluorobenzene (Surr)	98		70 - 130					08/26/16 19:23	1

Client Sample ID: MW-1005-20160824-01

Lab Sample ID: 480-104995-5

Date Collected: 08/24/16 10:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 00:09	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 00:09	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 00:09	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 00:09	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 00:09	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 00:09	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 00:09	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:09	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 00:09	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 00:09	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:09	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:09	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 00:09	1
Bromobenzene	ND		1.0		ug/L			08/26/16 00:09	1
Bromoform	ND		1.0		ug/L			08/26/16 00:09	1
Bromomethane	ND		2.0		ug/L			08/26/16 00:09	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 00:09	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 00:09	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 00:09	1
Chloroethane	ND		2.0		ug/L			08/26/16 00:09	1
Chloroform	ND		1.0		ug/L			08/26/16 00:09	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 00:09	1
cis-1,2-Dichloroethene	5.5		1.0		ug/L			08/26/16 00:09	1
Dibromomethane	ND		1.0		ug/L			08/26/16 00:09	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 00:09	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 00:09	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 00:09	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 00:09	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1005-20160824-01

Lab Sample ID: 480-104995-5

Date Collected: 08/24/16 10:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	6.5		1.0		ug/L			08/26/16 00:09	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 00:09	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					08/26/16 00:09	1
Toluene-d8 (Surr)	98		70 - 130					08/26/16 00:09	1
4-Bromofluorobenzene (Surr)	100		70 - 130					08/26/16 00:09	1

Client Sample ID: MW-1006-20160824-01

Lab Sample ID: 480-104995-6

Date Collected: 08/24/16 12:20

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 00:35	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 00:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 00:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 00:35	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 00:35	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 00:35	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 00:35	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:35	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 00:35	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 00:35	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:35	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:35	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 00:35	1
Bromobenzene	ND		1.0		ug/L			08/26/16 00:35	1
Bromoform	ND		1.0		ug/L			08/26/16 00:35	1
Bromomethane	ND		2.0		ug/L			08/26/16 00:35	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 00:35	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 00:35	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 00:35	1
Chloroethane	ND		2.0		ug/L			08/26/16 00:35	1
Chloroform	ND		1.0		ug/L			08/26/16 00:35	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 00:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 00:35	1
Dibromomethane	ND		1.0		ug/L			08/26/16 00:35	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 00:35	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 00:35	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 00:35	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 00:35	1
Trichloroethene	3.5		1.0		ug/L			08/26/16 00:35	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 00:35	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					08/26/16 00:35	1
Toluene-d8 (Surr)	96		70 - 130					08/26/16 00:35	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1006-20160824-01

Lab Sample ID: 480-104995-6

Date Collected: 08/24/16 12:20

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		08/26/16 00:35	1

Client Sample ID: MW-1008-20160824-01

Lab Sample ID: 480-104995-7

Date Collected: 08/24/16 11:15

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 01:00	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 01:00	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 01:00	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 01:00	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 01:00	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 01:00	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 01:00	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:00	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 01:00	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 01:00	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:00	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:00	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 01:00	1
Bromobenzene	ND		1.0		ug/L			08/26/16 01:00	1
Bromoform	ND		1.0		ug/L			08/26/16 01:00	1
Bromomethane	ND		2.0		ug/L			08/26/16 01:00	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 01:00	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 01:00	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 01:00	1
Chloroethane	ND		2.0		ug/L			08/26/16 01:00	1
Chloroform	ND		1.0		ug/L			08/26/16 01:00	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 01:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 01:00	1
Dibromomethane	ND		1.0		ug/L			08/26/16 01:00	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 01:00	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 01:00	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 01:00	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 01:00	1
Trichloroethene	3.3		1.0		ug/L			08/26/16 01:00	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 01:00	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		08/26/16 01:00	1
Toluene-d8 (Surr)	98		70 - 130		08/26/16 01:00	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/26/16 01:00	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1009-20160824-01

Lab Sample ID: 480-104995-8

Date Collected: 08/24/16 09:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 01:26	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 01:26	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 01:26	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 01:26	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 01:26	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 01:26	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 01:26	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:26	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 01:26	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 01:26	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:26	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:26	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 01:26	1
Bromobenzene	ND		1.0		ug/L			08/26/16 01:26	1
Bromoform	ND		1.0		ug/L			08/26/16 01:26	1
Bromomethane	ND		2.0		ug/L			08/26/16 01:26	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 01:26	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 01:26	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 01:26	1
Chloroethane	ND		2.0		ug/L			08/26/16 01:26	1
Chloroform	ND		1.0		ug/L			08/26/16 01:26	1
Chloromethane	ND *		2.0		ug/L			08/26/16 01:26	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 01:26	1
Dibromomethane	ND		1.0		ug/L			08/26/16 01:26	1
Dichlorodifluoromethane	ND *		1.0		ug/L			08/26/16 01:26	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 01:26	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 01:26	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 01:26	1
Trichloroethene	ND		1.0		ug/L			08/26/16 01:26	1
Trichlorofluoromethane	22		1.0		ug/L			08/26/16 01:26	1
Vinyl chloride	ND *		1.0		ug/L			08/26/16 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		08/26/16 01:26	1
Toluene-d8 (Surr)	95		70 - 130		08/26/16 01:26	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/26/16 01:26	1

Client Sample ID: MW-1010M-20160824-01

Lab Sample ID: 480-104995-9

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 01:51	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 01:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 01:51	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 01:51	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 01:51	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 01:51	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 01:51	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1010M-20160824-01

Lab Sample ID: 480-104995-9

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:51	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 01:51	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 01:51	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:51	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:51	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 01:51	1
Bromobenzene	ND		1.0		ug/L			08/26/16 01:51	1
Bromoform	ND		1.0		ug/L			08/26/16 01:51	1
Bromomethane	ND		2.0		ug/L			08/26/16 01:51	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 01:51	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 01:51	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 01:51	1
Chloroethane	ND		2.0		ug/L			08/26/16 01:51	1
Chloroform	ND		1.0		ug/L			08/26/16 01:51	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 01:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 01:51	1
Dibromomethane	ND		1.0		ug/L			08/26/16 01:51	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 01:51	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 01:51	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 01:51	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 01:51	1
Trichloroethene	7.7		1.0		ug/L			08/26/16 01:51	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 01:51	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		08/26/16 01:51	1
Toluene-d8 (Surr)	95		70 - 130		08/26/16 01:51	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 01:51	1

Client Sample ID: MW-1010D-20160824-01

Lab Sample ID: 480-104995-10

Date Collected: 08/24/16 12:40

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 02:16	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 02:16	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 02:16	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 02:16	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 02:16	1
1,1-Dichloroethene	1.4		1.0		ug/L			08/26/16 02:16	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 02:16	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:16	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 02:16	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 02:16	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:16	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:16	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 02:16	1
Bromobenzene	ND		1.0		ug/L			08/26/16 02:16	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1010D-20160824-01

Lab Sample ID: 480-104995-10

Date Collected: 08/24/16 12:40

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 02:16	1
Bromomethane	ND		2.0		ug/L			08/26/16 02:16	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 02:16	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 02:16	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 02:16	1
Chloroethane	ND		2.0		ug/L			08/26/16 02:16	1
Chloroform	ND		1.0		ug/L			08/26/16 02:16	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 02:16	1
cis-1,2-Dichloroethene	38		1.0		ug/L			08/26/16 02:16	1
Dibromomethane	ND		1.0		ug/L			08/26/16 02:16	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 02:16	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 02:16	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 02:16	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 02:16	1
Trichloroethene	12		1.0		ug/L			08/26/16 02:16	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 02:16	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130					08/26/16 02:16	1
Toluene-d8 (Surr)	96		70 - 130					08/26/16 02:16	1
4-Bromofluorobenzene (Surr)	99		70 - 130					08/26/16 02:16	1

Client Sample ID: MW-1013-20160824-01

Lab Sample ID: 480-104995-11

Date Collected: 08/24/16 07:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 02:41	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 02:41	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 02:41	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 02:41	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 02:41	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 02:41	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 02:41	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:41	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 02:41	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 02:41	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:41	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:41	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 02:41	1
Bromobenzene	ND		1.0		ug/L			08/26/16 02:41	1
Bromoform	ND		1.0		ug/L			08/26/16 02:41	1
Bromomethane	ND		2.0		ug/L			08/26/16 02:41	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 02:41	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 02:41	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 02:41	1
Chloroethane	ND		2.0		ug/L			08/26/16 02:41	1
Chloroform	ND		1.0		ug/L			08/26/16 02:41	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1013-20160824-01

Lab Sample ID: 480-104995-11

Date Collected: 08/24/16 07:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND	*	2.0		ug/L			08/26/16 02:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 02:41	1
Dibromomethane	ND		1.0		ug/L			08/26/16 02:41	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 02:41	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 02:41	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 02:41	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 02:41	1
Trichloroethene	ND		1.0		ug/L			08/26/16 02:41	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 02:41	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 130					08/26/16 02:41	1
Toluene-d8 (Surr)	97		70 - 130					08/26/16 02:41	1
4-Bromofluorobenzene (Surr)	100		70 - 130					08/26/16 02:41	1

Client Sample ID: MW-1014-20160824-01

Lab Sample ID: 480-104995-12

Date Collected: 08/24/16 08:05

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 03:07	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 03:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 03:07	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 03:07	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 03:07	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 03:07	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 03:07	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:07	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 03:07	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 03:07	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:07	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:07	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 03:07	1
Bromobenzene	ND		1.0		ug/L			08/26/16 03:07	1
Bromoform	ND		1.0		ug/L			08/26/16 03:07	1
Bromomethane	ND		2.0		ug/L			08/26/16 03:07	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 03:07	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 03:07	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 03:07	1
Chloroethane	ND		2.0		ug/L			08/26/16 03:07	1
Chloroform	ND		1.0		ug/L			08/26/16 03:07	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 03:07	1
cis-1,2-Dichloroethene	5.7		1.0		ug/L			08/26/16 03:07	1
Dibromomethane	ND		1.0		ug/L			08/26/16 03:07	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 03:07	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 03:07	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 03:07	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 03:07	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1014-20160824-01

Lab Sample ID: 480-104995-12

Date Collected: 08/24/16 08:05

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	61		1.0		ug/L			08/26/16 03:07	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 03:07	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 130					08/26/16 03:07	1
Toluene-d8 (Surr)	95		70 - 130					08/26/16 03:07	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 03:07	1

Client Sample ID: MW-1015D-20160824-01

Lab Sample ID: 480-104995-13

Date Collected: 08/24/16 08:15

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 03:32	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 03:32	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 03:32	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 03:32	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 03:32	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 03:32	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 03:32	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:32	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 03:32	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 03:32	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:32	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:32	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 03:32	1
Bromobenzene	ND		1.0		ug/L			08/26/16 03:32	1
Bromoform	ND		1.0		ug/L			08/26/16 03:32	1
Bromomethane	ND		2.0		ug/L			08/26/16 03:32	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 03:32	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 03:32	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 03:32	1
Chloroethane	ND		2.0		ug/L			08/26/16 03:32	1
Chloroform	ND		1.0		ug/L			08/26/16 03:32	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 03:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 03:32	1
Dibromomethane	ND		1.0		ug/L			08/26/16 03:32	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 03:32	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 03:32	1
Tetrachloroethene	1.6		1.0		ug/L			08/26/16 03:32	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 03:32	1
Trichloroethene	10		1.0		ug/L			08/26/16 03:32	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 03:32	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					08/26/16 03:32	1
Toluene-d8 (Surr)	97		70 - 130					08/26/16 03:32	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1015D-20160824-01

Lab Sample ID: 480-104995-13

Date Collected: 08/24/16 08:15

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		08/26/16 03:32	1

Client Sample ID: MW-1016D-20160824-01

Lab Sample ID: 480-104995-14

Date Collected: 08/24/16 11:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 03:57	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 03:57	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 03:57	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 03:57	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 03:57	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 03:57	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 03:57	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:57	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 03:57	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 03:57	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:57	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:57	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 03:57	1
Bromobenzene	ND		1.0		ug/L			08/26/16 03:57	1
Bromoform	ND		1.0		ug/L			08/26/16 03:57	1
Bromomethane	ND		2.0		ug/L			08/26/16 03:57	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 03:57	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 03:57	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 03:57	1
Chloroethane	ND		2.0		ug/L			08/26/16 03:57	1
Chloroform	ND		1.0		ug/L			08/26/16 03:57	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 03:57	1
cis-1,2-Dichloroethene	35		1.0		ug/L			08/26/16 03:57	1
Dibromomethane	ND		1.0		ug/L			08/26/16 03:57	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 03:57	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 03:57	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 03:57	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 03:57	1
Trichloroethene	ND		1.0		ug/L			08/26/16 03:57	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 03:57	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		08/26/16 03:57	1
Toluene-d8 (Surr)	94		70 - 130		08/26/16 03:57	1
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 03:57	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1017D-20160824-01

Lab Sample ID: 480-104995-15

Date Collected: 08/24/16 11:35

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			08/26/16 04:22	2
1,1,1-Trichloroethane	ND		2.0		ug/L			08/26/16 04:22	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 04:22	2
1,1,2-Trichloroethane	ND		2.0		ug/L			08/26/16 04:22	2
1,1-Dichloroethane	ND		2.0		ug/L			08/26/16 04:22	2
1,1-Dichloroethene	ND		2.0		ug/L			08/26/16 04:22	2
1,2,3-Trichloropropane	ND		2.0		ug/L			08/26/16 04:22	2
1,2-Dichlorobenzene	ND		2.0		ug/L			08/26/16 04:22	2
1,2-Dichloroethane	ND		2.0		ug/L			08/26/16 04:22	2
1,2-Dichloropropane	ND		2.0		ug/L			08/26/16 04:22	2
1,3-Dichlorobenzene	ND		2.0		ug/L			08/26/16 04:22	2
1,4-Dichlorobenzene	ND		2.0		ug/L			08/26/16 04:22	2
2-Chloroethyl vinyl ether	ND		20		ug/L			08/26/16 04:22	2
Bromobenzene	ND		2.0		ug/L			08/26/16 04:22	2
Bromoform	ND		2.0		ug/L			08/26/16 04:22	2
Bromomethane	ND		4.0		ug/L			08/26/16 04:22	2
Carbon tetrachloride	ND		2.0		ug/L			08/26/16 04:22	2
Chlorobenzene	ND		2.0		ug/L			08/26/16 04:22	2
Chlorodibromomethane	ND		1.0		ug/L			08/26/16 04:22	2
Chloroethane	ND		4.0		ug/L			08/26/16 04:22	2
Chloroform	ND		2.0		ug/L			08/26/16 04:22	2
Chloromethane	ND *		4.0		ug/L			08/26/16 04:22	2
cis-1,2-Dichloroethene	68		2.0		ug/L			08/26/16 04:22	2
Dibromomethane	ND		2.0		ug/L			08/26/16 04:22	2
Dichlorodifluoromethane	ND *		2.0		ug/L			08/26/16 04:22	2
Methylene Chloride	ND		2.0		ug/L			08/26/16 04:22	2
Tetrachloroethene	ND		2.0		ug/L			08/26/16 04:22	2
trans-1,3-Dichloropropene	ND		0.80		ug/L			08/26/16 04:22	2
Trichloroethene	38		2.0		ug/L			08/26/16 04:22	2
Trichlorofluoromethane	ND		2.0		ug/L			08/26/16 04:22	2
Vinyl chloride	ND *		2.0		ug/L			08/26/16 04:22	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		08/26/16 04:22	2
Toluene-d8 (Surr)	95		70 - 130		08/26/16 04:22	2
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 04:22	2

Client Sample ID: MW-1019B-20160824-01

Lab Sample ID: 480-104995-16

Date Collected: 08/24/16 07:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 04:47	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 04:47	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 04:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 04:47	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 04:47	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 04:47	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 04:47	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1019B-20160824-01

Lab Sample ID: 480-104995-16

Date Collected: 08/24/16 07:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 04:47	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 04:47	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 04:47	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 04:47	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 04:47	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 04:47	1
Bromobenzene	ND		1.0		ug/L			08/26/16 04:47	1
Bromoform	ND		1.0		ug/L			08/26/16 04:47	1
Bromomethane	ND		2.0		ug/L			08/26/16 04:47	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 04:47	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 04:47	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 04:47	1
Chloroethane	ND		2.0		ug/L			08/26/16 04:47	1
Chloroform	ND		1.0		ug/L			08/26/16 04:47	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 04:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 04:47	1
Dibromomethane	ND		1.0		ug/L			08/26/16 04:47	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 04:47	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 04:47	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 04:47	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 04:47	1
Trichloroethene	1.4		1.0		ug/L			08/26/16 04:47	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 04:47	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		08/26/16 04:47	1
Toluene-d8 (Surr)	94		70 - 130		08/26/16 04:47	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/26/16 04:47	1

Client Sample ID: MW-1022-20160824-01

Lab Sample ID: 480-104995-17

Date Collected: 08/24/16 08:25

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 05:13	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 05:13	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 05:13	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 05:13	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 05:13	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 05:13	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 05:13	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:13	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 05:13	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 05:13	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:13	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:13	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 05:13	1
Bromobenzene	ND		1.0		ug/L			08/26/16 05:13	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1022-20160824-01

Lab Sample ID: 480-104995-17

Date Collected: 08/24/16 08:25

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 05:13	1
Bromomethane	ND		2.0		ug/L			08/26/16 05:13	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 05:13	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 05:13	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 05:13	1
Chloroethane	ND		2.0		ug/L			08/26/16 05:13	1
Chloroform	ND		1.0		ug/L			08/26/16 05:13	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 05:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 05:13	1
Dibromomethane	ND		1.0		ug/L			08/26/16 05:13	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 05:13	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 05:13	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 05:13	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 05:13	1
Trichloroethene	3.1		1.0		ug/L			08/26/16 05:13	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 05:13	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130					08/26/16 05:13	1
Toluene-d8 (Surr)	95		70 - 130					08/26/16 05:13	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 05:13	1

Client Sample ID: MW-1023-20160824-01

Lab Sample ID: 480-104995-18

Date Collected: 08/24/16 09:25

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 05:38	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 05:38	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 05:38	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 05:38	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 05:38	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 05:38	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 05:38	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:38	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 05:38	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 05:38	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:38	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 05:38	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 05:38	1
Bromobenzene	ND		1.0		ug/L			08/26/16 05:38	1
Bromoform	ND		1.0		ug/L			08/26/16 05:38	1
Bromomethane	ND		2.0		ug/L			08/26/16 05:38	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 05:38	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 05:38	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 05:38	1
Chloroethane	ND		2.0		ug/L			08/26/16 05:38	1
Chloroform	ND		1.0		ug/L			08/26/16 05:38	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1023-20160824-01

Lab Sample ID: 480-104995-18

Date Collected: 08/24/16 09:25

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND	*	2.0		ug/L			08/26/16 05:38	1
cis-1,2-Dichloroethene	42		1.0		ug/L			08/26/16 05:38	1
Dibromomethane	ND		1.0		ug/L			08/26/16 05:38	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 05:38	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 05:38	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 05:38	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 05:38	1
Trichloroethene	2.8		1.0		ug/L			08/26/16 05:38	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 05:38	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130					08/26/16 05:38	1
Toluene-d8 (Surr)	96		70 - 130					08/26/16 05:38	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 05:38	1

Client Sample ID: MW-1024D-20160824-01

Lab Sample ID: 480-104995-19

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 06:04	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 06:04	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 06:04	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 06:04	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 06:04	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 06:04	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 06:04	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:04	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 06:04	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 06:04	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:04	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:04	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 06:04	1
Bromobenzene	ND		1.0		ug/L			08/26/16 06:04	1
Bromoform	ND		1.0		ug/L			08/26/16 06:04	1
Bromomethane	ND		2.0		ug/L			08/26/16 06:04	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 06:04	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 06:04	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 06:04	1
Chloroethane	ND		2.0		ug/L			08/26/16 06:04	1
Chloroform	ND		1.0		ug/L			08/26/16 06:04	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 06:04	1
cis-1,2-Dichloroethene	12		1.0		ug/L			08/26/16 06:04	1
Dibromomethane	ND		1.0		ug/L			08/26/16 06:04	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 06:04	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 06:04	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 06:04	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 06:04	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1024D-20160824-01

Lab Sample ID: 480-104995-19

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.1		1.0		ug/L			08/26/16 06:04	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 06:04	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130					08/26/16 06:04	1
Toluene-d8 (Surr)	96		70 - 130					08/26/16 06:04	1
4-Bromofluorobenzene (Surr)	98		70 - 130					08/26/16 06:04	1

Client Sample ID: MW-1025M-20160824-01

Lab Sample ID: 480-104995-20

Date Collected: 08/24/16 08:10

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 06:29	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 06:29	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 06:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 06:29	1
1,1-Dichloroethane	1.6		1.0		ug/L			08/26/16 06:29	1
1,1-Dichloroethene	4.5		1.0		ug/L			08/26/16 06:29	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 06:29	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:29	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 06:29	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 06:29	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:29	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:29	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 06:29	1
Bromobenzene	ND		1.0		ug/L			08/26/16 06:29	1
Bromoform	ND		1.0		ug/L			08/26/16 06:29	1
Bromomethane	ND		2.0		ug/L			08/26/16 06:29	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 06:29	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 06:29	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 06:29	1
Chloroethane	ND		2.0		ug/L			08/26/16 06:29	1
Chloroform	ND		1.0		ug/L			08/26/16 06:29	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 06:29	1
cis-1,2-Dichloroethene	48		1.0		ug/L			08/26/16 06:29	1
Dibromomethane	ND		1.0		ug/L			08/26/16 06:29	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 06:29	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 06:29	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 06:29	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 06:29	1
Trichloroethene	21		1.0		ug/L			08/26/16 06:29	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 06:29	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130					08/26/16 06:29	1
Toluene-d8 (Surr)	99		70 - 130					08/26/16 06:29	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1025M-20160824-01

Lab Sample ID: 480-104995-20

Date Collected: 08/24/16 08:10

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 06:29	1

Client Sample ID: MW-1025D-20160824-01

Lab Sample ID: 480-104995-21

Date Collected: 08/24/16 08:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 06:54	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 06:54	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 06:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 06:54	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 06:54	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 06:54	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 06:54	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:54	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 06:54	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 06:54	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:54	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 06:54	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 06:54	1
Bromobenzene	ND		1.0		ug/L			08/26/16 06:54	1
Bromoform	ND		1.0		ug/L			08/26/16 06:54	1
Bromomethane	ND		2.0		ug/L			08/26/16 06:54	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 06:54	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 06:54	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 06:54	1
Chloroethane	ND		2.0		ug/L			08/26/16 06:54	1
Chloroform	ND		1.0		ug/L			08/26/16 06:54	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 06:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 06:54	1
Dibromomethane	ND		1.0		ug/L			08/26/16 06:54	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 06:54	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 06:54	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 06:54	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 06:54	1
Trichloroethene	ND		1.0		ug/L			08/26/16 06:54	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 06:54	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		08/26/16 06:54	1
Toluene-d8 (Surr)	95		70 - 130		08/26/16 06:54	1
4-Bromofluorobenzene (Surr)	96		70 - 130		08/26/16 06:54	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1027-20160824-01

Lab Sample ID: 480-104995-22

Date Collected: 08/24/16 10:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 07:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 07:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 07:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 07:20	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 07:20	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 07:20	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 07:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:20	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 07:20	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 07:20	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:20	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 07:20	1
Bromobenzene	ND		1.0		ug/L			08/26/16 07:20	1
Bromoform	ND		1.0		ug/L			08/26/16 07:20	1
Bromomethane	ND		2.0		ug/L			08/26/16 07:20	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 07:20	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 07:20	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 07:20	1
Chloroethane	ND		2.0		ug/L			08/26/16 07:20	1
Chloroform	ND		1.0		ug/L			08/26/16 07:20	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 07:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 07:20	1
Dibromomethane	ND		1.0		ug/L			08/26/16 07:20	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 07:20	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 07:20	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 07:20	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 07:20	1
Trichloroethene	ND		1.0		ug/L			08/26/16 07:20	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 07:20	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 07:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		08/26/16 07:20	1
Toluene-d8 (Surr)	96		70 - 130		08/26/16 07:20	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 07:20	1

Client Sample ID: MW-1028-20160824-01

Lab Sample ID: 480-104995-23

Date Collected: 08/24/16 10:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 07:45	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 07:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 07:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 07:45	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 07:45	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 07:45	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 07:45	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1028-20160824-01

Lab Sample ID: 480-104995-23

Date Collected: 08/24/16 10:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:45	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 07:45	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 07:45	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:45	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 07:45	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 07:45	1
Bromobenzene	ND		1.0		ug/L			08/26/16 07:45	1
Bromoform	ND		1.0		ug/L			08/26/16 07:45	1
Bromomethane	ND		2.0		ug/L			08/26/16 07:45	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 07:45	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 07:45	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 07:45	1
Chloroethane	ND		2.0		ug/L			08/26/16 07:45	1
Chloroform	ND		1.0		ug/L			08/26/16 07:45	1
Chloromethane	ND	*	2.0		ug/L			08/26/16 07:45	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 07:45	1
Dibromomethane	ND		1.0		ug/L			08/26/16 07:45	1
Dichlorodifluoromethane	ND	*	1.0		ug/L			08/26/16 07:45	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 07:45	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 07:45	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 07:45	1
Trichloroethene	5.6		1.0		ug/L			08/26/16 07:45	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 07:45	1
Vinyl chloride	ND	*	1.0		ug/L			08/26/16 07:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 130					08/26/16 07:45	1
Toluene-d8 (Surr)	95		70 - 130					08/26/16 07:45	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 07:45	1

Client Sample ID: MW-1030-20160824-01

Lab Sample ID: 480-104995-24

Date Collected: 08/24/16 08:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 15:47	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 15:47	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 15:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 15:47	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 15:47	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 15:47	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 15:47	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:47	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 15:47	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 15:47	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:47	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:47	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 15:47	1
Bromobenzene	ND		1.0		ug/L			08/26/16 15:47	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1030-20160824-01

Lab Sample ID: 480-104995-24

Date Collected: 08/24/16 08:50

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 15:47	1
Bromomethane	ND		2.0		ug/L			08/26/16 15:47	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 15:47	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 15:47	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 15:47	1
Chloroethane	ND		2.0		ug/L			08/26/16 15:47	1
Chloroform	ND		1.0		ug/L			08/26/16 15:47	1
Chloromethane	ND		2.0		ug/L			08/26/16 15:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 15:47	1
Dibromomethane	ND		1.0		ug/L			08/26/16 15:47	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 15:47	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 15:47	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 15:47	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 15:47	1
Trichloroethene	4.0		1.0		ug/L			08/26/16 15:47	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 15:47	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 15:47	1
Toluene-d8 (Surr)	89		70 - 130		08/26/16 15:47	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/26/16 15:47	1

Client Sample ID: MW-1031-20160824-01

Lab Sample ID: 480-104995-25

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 16:12	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 16:12	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 16:12	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 16:12	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 16:12	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 16:12	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 16:12	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:12	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 16:12	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 16:12	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:12	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:12	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 16:12	1
Bromobenzene	ND		1.0		ug/L			08/26/16 16:12	1
Bromoform	ND		1.0		ug/L			08/26/16 16:12	1
Bromomethane	ND		2.0		ug/L			08/26/16 16:12	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 16:12	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 16:12	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 16:12	1
Chloroethane	ND		2.0		ug/L			08/26/16 16:12	1
Chloroform	ND		1.0		ug/L			08/26/16 16:12	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1031-20160824-01

Lab Sample ID: 480-104995-25

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0		ug/L			08/26/16 16:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 16:12	1
Dibromomethane	ND		1.0		ug/L			08/26/16 16:12	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 16:12	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 16:12	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 16:12	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 16:12	1
Trichloroethene	ND		1.0		ug/L			08/26/16 16:12	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 16:12	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 130					08/26/16 16:12	1
Toluene-d8 (Surr)	89		70 - 130					08/26/16 16:12	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 16:12	1

Client Sample ID: MW-1033-20160824-01

Lab Sample ID: 480-104995-26

Date Collected: 08/24/16 11:20

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 16:35	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 16:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 16:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 16:35	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 16:35	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 16:35	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 16:35	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:35	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 16:35	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 16:35	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:35	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:35	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 16:35	1
Bromobenzene	ND		1.0		ug/L			08/26/16 16:35	1
Bromoform	ND		1.0		ug/L			08/26/16 16:35	1
Bromomethane	ND		2.0		ug/L			08/26/16 16:35	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 16:35	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 16:35	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 16:35	1
Chloroethane	ND		2.0		ug/L			08/26/16 16:35	1
Chloroform	ND		1.0		ug/L			08/26/16 16:35	1
Chloromethane	ND		2.0		ug/L			08/26/16 16:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 16:35	1
Dibromomethane	ND		1.0		ug/L			08/26/16 16:35	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 16:35	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 16:35	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 16:35	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 16:35	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1033-20160824-01

Lab Sample ID: 480-104995-26

Date Collected: 08/24/16 11:20

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0		ug/L			08/26/16 16:35	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 16:35	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130					08/26/16 16:35	1
Toluene-d8 (Surr)	88		70 - 130					08/26/16 16:35	1
4-Bromofluorobenzene (Surr)	97		70 - 130					08/26/16 16:35	1

Client Sample ID: MW-1034-20160824-01

Lab Sample ID: 480-104995-27

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 16:59	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 16:59	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 16:59	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 16:59	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 16:59	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 16:59	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 16:59	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:59	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 16:59	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 16:59	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:59	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 16:59	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 16:59	1
Bromobenzene	ND		1.0		ug/L			08/26/16 16:59	1
Bromoform	ND		1.0		ug/L			08/26/16 16:59	1
Bromomethane	ND		2.0		ug/L			08/26/16 16:59	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 16:59	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 16:59	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 16:59	1
Chloroethane	ND		2.0		ug/L			08/26/16 16:59	1
Chloroform	ND		1.0		ug/L			08/26/16 16:59	1
Chloromethane	ND		2.0		ug/L			08/26/16 16:59	1
cis-1,2-Dichloroethene	14		1.0		ug/L			08/26/16 16:59	1
Dibromomethane	ND		1.0		ug/L			08/26/16 16:59	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 16:59	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 16:59	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 16:59	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 16:59	1
Trichloroethene	46		1.0		ug/L			08/26/16 16:59	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 16:59	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130					08/26/16 16:59	1
Toluene-d8 (Surr)	90		70 - 130					08/26/16 16:59	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1034-20160824-01

Lab Sample ID: 480-104995-27

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 16:59	1

Client Sample ID: DUP-001-20160824

Lab Sample ID: 480-104995-28

Date Collected: 08/24/16 00:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 17:23	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 17:23	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 17:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 17:23	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 17:23	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 17:23	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 17:23	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:23	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 17:23	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 17:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:23	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 17:23	1
Bromobenzene	ND		1.0		ug/L			08/26/16 17:23	1
Bromoform	ND		1.0		ug/L			08/26/16 17:23	1
Bromomethane	ND		2.0		ug/L			08/26/16 17:23	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 17:23	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 17:23	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 17:23	1
Chloroethane	ND		2.0		ug/L			08/26/16 17:23	1
Chloroform	ND		1.0		ug/L			08/26/16 17:23	1
Chloromethane	ND		2.0		ug/L			08/26/16 17:23	1
cis-1,2-Dichloroethene	7.0		1.0		ug/L			08/26/16 17:23	1
Dibromomethane	ND		1.0		ug/L			08/26/16 17:23	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 17:23	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 17:23	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 17:23	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 17:23	1
Trichloroethene	8.6		1.0		ug/L			08/26/16 17:23	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 17:23	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 17:23	1
Toluene-d8 (Surr)	89		70 - 130		08/26/16 17:23	1
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 17:23	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: DUP-002-20160824

Lab Sample ID: 480-104995-29

Date Collected: 08/24/16 00:02

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 17:47	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 17:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 17:47	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 17:47	1
1,1-Dichloroethene	1.2		1.0		ug/L			08/26/16 17:47	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 17:47	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:47	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 17:47	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 17:47	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:47	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 17:47	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 17:47	1
Bromobenzene	ND		1.0		ug/L			08/26/16 17:47	1
Bromoform	ND		1.0		ug/L			08/26/16 17:47	1
Bromomethane	ND		2.0		ug/L			08/26/16 17:47	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 17:47	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 17:47	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 17:47	1
Chloroethane	ND		2.0		ug/L			08/26/16 17:47	1
Chloroform	ND		1.0		ug/L			08/26/16 17:47	1
Chloromethane	ND		2.0		ug/L			08/26/16 17:47	1
cis-1,2-Dichloroethene	43		1.0		ug/L			08/26/16 17:47	1
Dibromomethane	ND		1.0		ug/L			08/26/16 17:47	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 17:47	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 17:47	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 17:47	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 17:47	1
Trichloroethene	ND		1.0		ug/L			08/26/16 17:47	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 17:47	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130		08/26/16 17:47	1
Toluene-d8 (Surr)	93		70 - 130		08/26/16 17:47	1
4-Bromofluorobenzene (Surr)	103		70 - 130		08/26/16 17:47	1

Client Sample ID: DUP-003-20160824

Lab Sample ID: 480-104995-30

Date Collected: 08/24/16 08:08

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 18:11	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 18:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 18:11	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 18:11	1
1,1-Dichloroethane	1.8		1.0		ug/L			08/26/16 18:11	1
1,1-Dichloroethene	5.7		1.0		ug/L			08/26/16 18:11	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 18:11	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: DUP-003-20160824

Lab Sample ID: 480-104995-30

Date Collected: 08/24/16 08:08

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:11	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 18:11	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 18:11	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:11	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:11	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 18:11	1
Bromobenzene	ND		1.0		ug/L			08/26/16 18:11	1
Bromoform	ND		1.0		ug/L			08/26/16 18:11	1
Bromomethane	ND		2.0		ug/L			08/26/16 18:11	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 18:11	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 18:11	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 18:11	1
Chloroethane	ND		2.0		ug/L			08/26/16 18:11	1
Chloroform	ND		1.0		ug/L			08/26/16 18:11	1
Chloromethane	ND		2.0		ug/L			08/26/16 18:11	1
cis-1,2-Dichloroethene	53		1.0		ug/L			08/26/16 18:11	1
Dibromomethane	ND		1.0		ug/L			08/26/16 18:11	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 18:11	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 18:11	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 18:11	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 18:11	1
Trichloroethene	23		1.0		ug/L			08/26/16 18:11	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 18:11	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 18:11	1
Toluene-d8 (Surr)	90		70 - 130		08/26/16 18:11	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/26/16 18:11	1

Client Sample ID: DUP-004-20160824

Lab Sample ID: 480-104995-31

Date Collected: 08/24/16 11:11

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 18:36	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 18:36	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 18:36	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 18:36	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 18:36	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 18:36	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 18:36	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:36	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 18:36	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 18:36	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:36	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:36	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 18:36	1
Bromobenzene	ND		1.0		ug/L			08/26/16 18:36	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: DUP-004-20160824

Lab Sample ID: 480-104995-31

Date Collected: 08/24/16 11:11

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 18:36	1
Bromomethane	ND		2.0		ug/L			08/26/16 18:36	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 18:36	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 18:36	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 18:36	1
Chloroethane	ND		2.0		ug/L			08/26/16 18:36	1
Chloroform	ND		1.0		ug/L			08/26/16 18:36	1
Chloromethane	ND		2.0		ug/L			08/26/16 18:36	1
cis-1,2-Dichloroethene	14		1.0		ug/L			08/26/16 18:36	1
Dibromomethane	ND		1.0		ug/L			08/26/16 18:36	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 18:36	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 18:36	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 18:36	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 18:36	1
Trichloroethene	46		1.0		ug/L			08/26/16 18:36	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 18:36	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		08/26/16 18:36	1
Toluene-d8 (Surr)	92		70 - 130		08/26/16 18:36	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 18:36	1

Client Sample ID: TB001-20160824-01

Lab Sample ID: 480-104995-32

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 18:59	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 18:59	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 18:59	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 18:59	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 18:59	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 18:59	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 18:59	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:59	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 18:59	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 18:59	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:59	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 18:59	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 18:59	1
Bromobenzene	ND		1.0		ug/L			08/26/16 18:59	1
Bromoform	ND		1.0		ug/L			08/26/16 18:59	1
Bromomethane	ND		2.0		ug/L			08/26/16 18:59	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 18:59	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 18:59	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 18:59	1
Chloroethane	ND		2.0		ug/L			08/26/16 18:59	1
Chloroform	ND		1.0		ug/L			08/26/16 18:59	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: TB001-20160824-01

Lab Sample ID: 480-104995-32

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0		ug/L			08/26/16 18:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 18:59	1
Dibromomethane	ND		1.0		ug/L			08/26/16 18:59	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 18:59	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 18:59	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 18:59	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 18:59	1
Trichloroethene	ND		1.0		ug/L			08/26/16 18:59	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 18:59	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		70 - 130		08/26/16 18:59	1
Toluene-d8 (Surr)	90		70 - 130		08/26/16 18:59	1
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 18:59	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (70-130)	TOL (70-130)	BFB (70-130)
480-104995-1	MW-1001M-20160824-01	115	93	101
480-104995-2	MW-1002B-20160824-01	120	91	97
480-104995-3	MW-1003-20160824-01	122	92	98
480-104995-4	MW-1004-20160824-01	117	91	98
480-104995-5	MW-1005-20160824-01	98	98	100
480-104995-6	MW-1006-20160824-01	98	96	100
480-104995-7	MW-1008-20160824-01	102	98	100
480-104995-8	MW-1009-20160824-01	98	95	101
480-104995-9	MW-1010M-20160824-01	99	95	98
480-104995-10	MW-1010D-20160824-01	97	96	99
480-104995-11	MW-1013-20160824-01	102	97	100
480-104995-12	MW-1014-20160824-01	101	95	97
480-104995-13	MW-1015D-20160824-01	98	97	100
480-104995-14	MW-1016D-20160824-01	101	94	97
480-104995-15	MW-1017D-20160824-01	98	95	97
480-104995-16	MW-1019B-20160824-01	104	94	99
480-104995-17	MW-1022-20160824-01	105	95	97
480-104995-18	MW-1023-20160824-01	100	96	97
480-104995-19	MW-1024D-20160824-01	104	96	98
480-104995-20	MW-1025M-20160824-01	104	99	98
480-104995-21	MW-1025D-20160824-01	105	95	96
480-104995-22	MW-1027-20160824-01	106	96	98
480-104995-23	MW-1028-20160824-01	103	95	97
480-104995-24	MW-1030-20160824-01	115	89	99
480-104995-25	MW-1031-20160824-01	120	89	97
480-104995-26	MW-1033-20160824-01	117	88	97
480-104995-27	MW-1034-20160824-01	114	90	97
480-104995-28	DUP-001-20160824	115	89	97
480-104995-29	DUP-002-20160824	117	93	103
480-104995-30	DUP-003-20160824	115	90	99
480-104995-31	DUP-004-20160824	114	92	98
480-104995-32	TB001-20160824-01	123	90	97
LCS 480-317749/5	Lab Control Sample	116	93	100
LCS 480-317754/5	Lab Control Sample	90	99	105
LCS 480-317839/4	Lab Control Sample	112	94	102
LCSD 480-317749/26	Lab Control Sample Dup	113	94	105
LCSD 480-317754/27	Lab Control Sample Dup	90	96	101
LCSD 480-317839/5	Lab Control Sample Dup	110	93	104
MB 480-317749/7	Method Blank	114	91	99
MB 480-317754/7	Method Blank	96	97	99
MB 480-317839/7	Method Blank	115	91	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-317749/7

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/16 22:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1-Dichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1-Dichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichloropropane	ND		1.0		ug/L			08/25/16 22:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/25/16 22:58	1
Bromobenzene	ND		1.0		ug/L			08/25/16 22:58	1
Bromoform	ND		1.0		ug/L			08/25/16 22:58	1
Bromomethane	ND		2.0		ug/L			08/25/16 22:58	1
Carbon tetrachloride	ND		1.0		ug/L			08/25/16 22:58	1
Chlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/16 22:58	1
Chloroethane	ND		2.0		ug/L			08/25/16 22:58	1
Chloroform	ND		1.0		ug/L			08/25/16 22:58	1
Chloromethane	ND		2.0		ug/L			08/25/16 22:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
Dibromomethane	ND		1.0		ug/L			08/25/16 22:58	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/25/16 22:58	1
Methylene Chloride	ND		1.0		ug/L			08/25/16 22:58	1
Tetrachloroethene	ND		1.0		ug/L			08/25/16 22:58	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/25/16 22:58	1
Trichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/16 22:58	1
Vinyl chloride	ND		1.0		ug/L			08/25/16 22:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		08/25/16 22:58	1
Toluene-d8 (Surr)	91		70 - 130		08/25/16 22:58	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/25/16 22:58	1

Lab Sample ID: LCS 480-317749/5

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L		103	70 - 130
1,1,1-Trichloroethane	25.0	29.0		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	70 - 130
1,1-Dichloroethane	25.0	26.9		ug/L		108	70 - 130
1,1-Dichloroethene	25.0	25.3		ug/L		101	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-317749/5

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	25.0	24.1		ug/L		96	70 - 130
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	28.7		ug/L		115	70 - 130
1,2-Dichloropropane	25.0	24.9		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
2-Chloroethyl vinyl ether	25.0	25.3		ug/L		101	70 - 130
Bromobenzene	25.0	23.8		ug/L		95	70 - 130
Bromoform	25.0	27.7		ug/L		111	70 - 130
Bromomethane	25.0	23.6		ug/L		94	70 - 130
Carbon tetrachloride	25.0	31.3		ug/L		125	70 - 130
Chlorobenzene	25.0	22.5		ug/L		90	70 - 130
Chlorodibromomethane	25.0	27.4		ug/L		110	70 - 130
Chloroethane	25.0	23.7		ug/L		95	70 - 130
Chloroform	25.0	26.0		ug/L		104	70 - 130
Chloromethane	25.0	22.7		ug/L		91	70 - 130
cis-1,2-Dichloroethane	25.0	26.6		ug/L		106	70 - 130
Dibromomethane	25.0	27.2		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	21.1		ug/L		84	70 - 130
Methylene Chloride	25.0	24.5		ug/L		98	70 - 130
Tetrachloroethene	25.0	22.9		ug/L		92	70 - 130
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	70 - 130
Trichloroethene	25.0	27.2		ug/L		109	70 - 130
Trichlorofluoromethane	25.0	25.0		ug/L		100	70 - 130
Vinyl chloride	25.0	22.1		ug/L		88	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 480-317749/26

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
1,1,1,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	8	20
1,1,1-Trichloroethane	25.0	30.4		ug/L		121	70 - 130	4	20
1,1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	70 - 130	5	20
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	70 - 130	7	20
1,1-Dichloroethane	25.0	28.3		ug/L		113	70 - 130	5	20
1,1-Dichloroethane	25.0	27.3		ug/L		109	70 - 130	8	20
1,2,3-Trichloropropane	25.0	24.2		ug/L		97	70 - 130	1	20
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	4	20
1,2-Dichloroethane	25.0	28.1		ug/L		113	70 - 130	2	20
1,2-Dichloropropane	25.0	26.8		ug/L		107	70 - 130	8	20
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	3	20
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	3	20

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-317749/26

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							RPD	Limit		
2-Chloroethyl vinyl ether	25.0	24.1		ug/L		97	70 - 130	5	20	
Bromobenzene	25.0	24.7		ug/L		99	70 - 130	4	20	
Bromoform	25.0	26.8		ug/L		107	70 - 130	3	20	
Bromomethane	25.0	23.7		ug/L		95	70 - 130	0	20	
Carbon tetrachloride	25.0	32.7	*	ug/L		131	70 - 130	5	20	
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	10	20	
Chlorodibromomethane	25.0	29.2		ug/L		117	70 - 130	6	20	
Chloroethane	25.0	25.0		ug/L		100	70 - 130	5	20	
Chloroform	25.0	27.0		ug/L		108	70 - 130	4	20	
Chloromethane	25.0	23.9		ug/L		96	70 - 130	5	20	
cis-1,2-Dichloroethene	25.0	27.5		ug/L		110	70 - 130	3	20	
Dibromomethane	25.0	28.0		ug/L		112	70 - 130	3	20	
Dichlorodifluoromethane	25.0	22.5		ug/L		90	70 - 130	6	20	
Methylene Chloride	25.0	24.6		ug/L		98	70 - 130	0	20	
Tetrachloroethene	25.0	25.5		ug/L		102	70 - 130	11	20	
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	70 - 130	4	20	
Trichloroethene	25.0	27.9		ug/L		112	70 - 130	3	20	
Trichlorofluoromethane	25.0	26.3		ug/L		105	70 - 130	5	20	
Vinyl chloride	25.0	24.1		ug/L		97	70 - 130	9	20	

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 480-317754/7

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L		08/25/16 23:18	1	
1,1,1-Trichloroethane	ND		1.0		ug/L		08/25/16 23:18	1	
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L		08/25/16 23:18	1	
1,1,2-Trichloroethane	ND		1.0		ug/L		08/25/16 23:18	1	
1,1-Dichloroethane	ND		1.0		ug/L		08/25/16 23:18	1	
1,1-Dichloroethene	ND		1.0		ug/L		08/25/16 23:18	1	
1,2,3-Trichloropropane	ND		1.0		ug/L		08/25/16 23:18	1	
1,2-Dichlorobenzene	ND		1.0		ug/L		08/25/16 23:18	1	
1,2-Dichloroethane	ND		1.0		ug/L		08/25/16 23:18	1	
1,2-Dichloropropane	ND		1.0		ug/L		08/25/16 23:18	1	
1,3-Dichlorobenzene	ND		1.0		ug/L		08/25/16 23:18	1	
1,4-Dichlorobenzene	ND		1.0		ug/L		08/25/16 23:18	1	
2-Chloroethyl vinyl ether	ND		10		ug/L		08/25/16 23:18	1	
Bromobenzene	ND		1.0		ug/L		08/25/16 23:18	1	
Bromoform	ND		1.0		ug/L		08/25/16 23:18	1	
Bromomethane	ND		2.0		ug/L		08/25/16 23:18	1	
Carbon tetrachloride	ND		1.0		ug/L		08/25/16 23:18	1	
Chlorobenzene	ND		1.0		ug/L		08/25/16 23:18	1	

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-317754/7

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		0.50		ug/L			08/25/16 23:18	1
Chloroethane	ND		2.0		ug/L			08/25/16 23:18	1
Chloroform	ND		1.0		ug/L			08/25/16 23:18	1
Chloromethane	ND		2.0		ug/L			08/25/16 23:18	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/25/16 23:18	1
Dibromomethane	ND		1.0		ug/L			08/25/16 23:18	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/25/16 23:18	1
Methylene Chloride	ND		1.0		ug/L			08/25/16 23:18	1
Tetrachloroethene	ND		1.0		ug/L			08/25/16 23:18	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/25/16 23:18	1
Trichloroethene	ND		1.0		ug/L			08/25/16 23:18	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/16 23:18	1
Vinyl chloride	ND		1.0		ug/L			08/25/16 23:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/25/16 23:18	1
Toluene-d8 (Surr)	97		70 - 130		08/25/16 23:18	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/25/16 23:18	1

Lab Sample ID: LCS 480-317754/5

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	23.0		ug/L		92	70 - 130
1,1,1-Trichloroethane	25.0	19.3		ug/L		77	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		89	70 - 130
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	70 - 130
1,1-Dichloroethane	25.0	19.4		ug/L		78	70 - 130
1,1-Dichloroethene	25.0	19.3		ug/L		77	70 - 130
1,2,3-Trichloropropane	25.0	21.6		ug/L		86	70 - 130
1,2-Dichlorobenzene	25.0	22.1		ug/L		88	70 - 130
1,2-Dichloroethane	25.0	19.1		ug/L		76	70 - 130
1,2-Dichloropropane	25.0	19.8		ug/L		79	70 - 130
1,3-Dichlorobenzene	25.0	22.6		ug/L		91	70 - 130
1,4-Dichlorobenzene	25.0	21.6		ug/L		86	70 - 130
2-Chloroethyl vinyl ether	25.0	21.9		ug/L		88	70 - 130
Bromobenzene	25.0	21.8		ug/L		87	70 - 130
Bromoform	25.0	23.4		ug/L		94	70 - 130
Bromomethane	25.0	17.5		ug/L		70	70 - 130
Carbon tetrachloride	25.0	20.3		ug/L		81	70 - 130
Chlorobenzene	25.0	22.8		ug/L		91	70 - 130
Chlorodibromomethane	25.0	22.6		ug/L		91	70 - 130
Chloroethane	25.0	17.5		ug/L		70	70 - 130
Chloroform	25.0	19.1		ug/L		76	70 - 130
Chloromethane	25.0	13.6	*	ug/L		55	70 - 130
cis-1,2-Dichloroethene	25.0	18.9		ug/L		76	70 - 130
Dibromomethane	25.0	20.0		ug/L		80	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-317754/5

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	25.0	14.8	*	ug/L		59	70 - 130
Methylene Chloride	25.0	19.1		ug/L		76	70 - 130
Tetrachloroethene	25.0	24.0		ug/L		96	70 - 130
trans-1,3-Dichloropropene	25.0	22.9		ug/L		92	70 - 130
Trichloroethene	25.0	20.6		ug/L		83	70 - 130
Trichlorofluoromethane	25.0	19.1		ug/L		76	70 - 130
Vinyl chloride	25.0	14.6	*	ug/L		58	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 480-317754/27

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 130	1	20
1,1,1-Trichloroethane	25.0	19.9		ug/L		80	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	22.0		ug/L		88	70 - 130	1	20
1,1,2-Trichloroethane	25.0	22.4		ug/L		90	70 - 130	2	20
1,1-Dichloroethane	25.0	20.0		ug/L		80	70 - 130	3	20
1,1-Dichloroethene	25.0	20.0		ug/L		80	70 - 130	4	20
1,2,3-Trichloropropane	25.0	21.4		ug/L		86	70 - 130	1	20
1,2-Dichlorobenzene	25.0	22.9		ug/L		91	70 - 130	4	20
1,2-Dichloroethane	25.0	18.7		ug/L		75	70 - 130	2	20
1,2-Dichloropropane	25.0	20.0		ug/L		80	70 - 130	1	20
1,3-Dichlorobenzene	25.0	23.4		ug/L		94	70 - 130	3	20
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	70 - 130	5	20
2-Chloroethyl vinyl ether	25.0	21.6		ug/L		87	70 - 130	1	20
Bromobenzene	25.0	22.7		ug/L		91	70 - 130	4	20
Bromoform	25.0	22.8		ug/L		91	70 - 130	2	20
Bromomethane	25.0	18.5		ug/L		74	70 - 130	6	20
Carbon tetrachloride	25.0	20.9		ug/L		84	70 - 130	3	20
Chlorobenzene	25.0	22.8		ug/L		91	70 - 130	0	20
Chlorodibromomethane	25.0	22.3		ug/L		89	70 - 130	1	20
Chloroethane	25.0	18.1		ug/L		72	70 - 130	3	20
Chloroform	25.0	19.2		ug/L		77	70 - 130	1	20
Chloromethane	25.0	14.0	*	ug/L		56	70 - 130	3	20
cis-1,2-Dichloroethene	25.0	19.4		ug/L		78	70 - 130	3	20
Dibromomethane	25.0	20.0		ug/L		80	70 - 130	0	20
Dichlorodifluoromethane	25.0	15.5	*	ug/L		62	70 - 130	4	20
Methylene Chloride	25.0	19.5		ug/L		78	70 - 130	2	20
Tetrachloroethene	25.0	24.5		ug/L		98	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	22.2		ug/L		89	70 - 130	3	20
Trichloroethene	25.0	21.2		ug/L		85	70 - 130	3	20
Trichlorofluoromethane	25.0	20.1		ug/L		80	70 - 130	5	20

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-317754/27

Matrix: Water

Analysis Batch: 317754

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	25.0	15.5	*	ug/L		62	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 480-317839/7

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 11:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 11:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 11:19	1
Bromobenzene	ND		1.0		ug/L			08/26/16 11:19	1
Bromoform	ND		1.0		ug/L			08/26/16 11:19	1
Bromomethane	ND		2.0		ug/L			08/26/16 11:19	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 11:19	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 11:19	1
Chloroethane	ND		2.0		ug/L			08/26/16 11:19	1
Chloroform	ND		1.0		ug/L			08/26/16 11:19	1
Chloromethane	ND		2.0		ug/L			08/26/16 11:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
Dibromomethane	ND		1.0		ug/L			08/26/16 11:19	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 11:19	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 11:19	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 11:19	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 11:19	1
Trichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 11:19	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 11:19	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 11:19	1
Toluene-d8 (Surr)	91		70 - 130		08/26/16 11:19	1

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-317839/7

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130		08/26/16 11:19	1

Lab Sample ID: LCS 480-317839/4

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
1,1,1,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,1-Trichloroethane	25.0	30.8		ug/L		123	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1-Dichloroethane	25.0	27.7		ug/L		111	70 - 130
1,1-Dichloroethene	25.0	27.2		ug/L		109	70 - 130
1,2,3-Trichloropropane	25.0	24.1		ug/L		97	70 - 130
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	28.2		ug/L		113	70 - 130
1,2-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	70 - 130
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
2-Chloroethyl vinyl ether	25.0	24.4		ug/L		98	70 - 130
Bromobenzene	25.0	24.4		ug/L		97	70 - 130
Bromoform	25.0	28.1		ug/L		112	70 - 130
Bromomethane	25.0	24.5		ug/L		98	70 - 130
Carbon tetrachloride	25.0	33.3	*	ug/L		133	70 - 130
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130
Chlorodibromomethane	25.0	28.0		ug/L		112	70 - 130
Chloroethane	25.0	25.1		ug/L		101	70 - 130
Chloroform	25.0	27.1		ug/L		108	70 - 130
Chloromethane	25.0	22.8		ug/L		91	70 - 130
cis-1,2-Dichloroethene	25.0	27.1		ug/L		109	70 - 130
Dibromomethane	25.0	27.0		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	19.7		ug/L		79	70 - 130
Methylene Chloride	25.0	25.3		ug/L		101	70 - 130
Tetrachloroethene	25.0	25.8		ug/L		103	70 - 130
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	27.5		ug/L		110	70 - 130
Trichlorofluoromethane	25.0	26.7		ug/L		107	70 - 130
Vinyl chloride	25.0	23.2		ug/L		93	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-317839/5

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	26.2		ug/L		105	70 - 130	2	20
1,1,1-Trichloroethane	25.0	29.6		ug/L		119	70 - 130	4	20
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 130	2	20
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	70 - 130	1	20
1,1-Dichloroethane	25.0	27.1		ug/L		108	70 - 130	2	20
1,1-Dichloroethene	25.0	24.6		ug/L		99	70 - 130	10	20
1,2,3-Trichloropropane	25.0	22.9		ug/L		91	70 - 130	5	20
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130	5	20
1,2-Dichloroethane	25.0	28.4		ug/L		113	70 - 130	1	20
1,2-Dichloropropane	25.0	25.6		ug/L		102	70 - 130	4	20
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	7	20
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	70 - 130	6	20
2-Chloroethyl vinyl ether	25.0	24.4		ug/L		97	70 - 130	0	20
Bromobenzene	25.0	23.5		ug/L		94	70 - 130	3	20
Bromoform	25.0	28.7		ug/L		115	70 - 130	2	20
Bromomethane	25.0	22.6		ug/L		91	70 - 130	8	20
Carbon tetrachloride	25.0	31.2		ug/L		125	70 - 130	6	20
Chlorobenzene	25.0	24.0		ug/L		96	70 - 130	2	20
Chlorodibromomethane	25.0	27.6		ug/L		110	70 - 130	2	20
Chloroethane	25.0	23.7		ug/L		95	70 - 130	6	20
Chloroform	25.0	26.1		ug/L		104	70 - 130	4	20
Chloromethane	25.0	21.3		ug/L		85	70 - 130	7	20
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	70 - 130	3	20
Dibromomethane	25.0	27.0		ug/L		108	70 - 130	0	20
Dichlorodifluoromethane	25.0	17.9		ug/L		72	70 - 130	9	20
Methylene Chloride	25.0	24.2		ug/L		97	70 - 130	5	20
Tetrachloroethene	25.0	24.5		ug/L		98	70 - 130	5	20
trans-1,3-Dichloropropene	25.0	24.2		ug/L		97	70 - 130	1	20
Trichloroethene	25.0	27.5		ug/L		110	70 - 130	0	20
Trichlorofluoromethane	25.0	24.5		ug/L		98	70 - 130	9	20
Vinyl chloride	25.0	21.1		ug/L		84	70 - 130	9	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Association Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

GC/MS VOA

Analysis Batch: 317749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104995-1	MW-1001M-20160824-01	Total/NA	Water	8260C	
480-104995-2	MW-1002B-20160824-01	Total/NA	Water	8260C	
480-104995-3	MW-1003-20160824-01	Total/NA	Water	8260C	
MB 480-317749/7	Method Blank	Total/NA	Water	8260C	
LCS 480-317749/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-317749/26	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 317754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104995-5	MW-1005-20160824-01	Total/NA	Water	8260C	
480-104995-6	MW-1006-20160824-01	Total/NA	Water	8260C	
480-104995-7	MW-1008-20160824-01	Total/NA	Water	8260C	
480-104995-8	MW-1009-20160824-01	Total/NA	Water	8260C	
480-104995-9	MW-1010M-20160824-01	Total/NA	Water	8260C	
480-104995-10	MW-1010D-20160824-01	Total/NA	Water	8260C	
480-104995-11	MW-1013-20160824-01	Total/NA	Water	8260C	
480-104995-12	MW-1014-20160824-01	Total/NA	Water	8260C	
480-104995-13	MW-1015D-20160824-01	Total/NA	Water	8260C	
480-104995-14	MW-1016D-20160824-01	Total/NA	Water	8260C	
480-104995-15	MW-1017D-20160824-01	Total/NA	Water	8260C	
480-104995-16	MW-1019B-20160824-01	Total/NA	Water	8260C	
480-104995-17	MW-1022-20160824-01	Total/NA	Water	8260C	
480-104995-18	MW-1023-20160824-01	Total/NA	Water	8260C	
480-104995-19	MW-1024D-20160824-01	Total/NA	Water	8260C	
480-104995-20	MW-1025M-20160824-01	Total/NA	Water	8260C	
480-104995-21	MW-1025D-20160824-01	Total/NA	Water	8260C	
480-104995-22	MW-1027-20160824-01	Total/NA	Water	8260C	
480-104995-23	MW-1028-20160824-01	Total/NA	Water	8260C	
MB 480-317754/7	Method Blank	Total/NA	Water	8260C	
LCS 480-317754/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-317754/27	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 317839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104995-4	MW-1004-20160824-01	Total/NA	Water	8260C	
480-104995-24	MW-1030-20160824-01	Total/NA	Water	8260C	
480-104995-25	MW-1031-20160824-01	Total/NA	Water	8260C	
480-104995-26	MW-1033-20160824-01	Total/NA	Water	8260C	
480-104995-27	MW-1034-20160824-01	Total/NA	Water	8260C	
480-104995-28	DUP-001-20160824	Total/NA	Water	8260C	
480-104995-29	DUP-002-20160824	Total/NA	Water	8260C	
480-104995-30	DUP-003-20160824	Total/NA	Water	8260C	
480-104995-31	DUP-004-20160824	Total/NA	Water	8260C	
480-104995-32	TB001-20160824-01	Total/NA	Water	8260C	
MB 480-317839/7	Method Blank	Total/NA	Water	8260C	
LCS 480-317839/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-317839/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1001M-20160824-01

Lab Sample ID: 480-104995-1

Date Collected: 08/24/16 08:55

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 05:30	GTG	TAL BUF

Client Sample ID: MW-1002B-20160824-01

Lab Sample ID: 480-104995-2

Date Collected: 08/24/16 09:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 05:54	GTG	TAL BUF

Client Sample ID: MW-1003-20160824-01

Lab Sample ID: 480-104995-3

Date Collected: 08/24/16 10:05

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 06:18	GTG	TAL BUF

Client Sample ID: MW-1004-20160824-01

Lab Sample ID: 480-104995-4

Date Collected: 08/24/16 10:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 19:23	RRS	TAL BUF

Client Sample ID: MW-1005-20160824-01

Lab Sample ID: 480-104995-5

Date Collected: 08/24/16 10:55

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 00:09	GTG	TAL BUF

Client Sample ID: MW-1006-20160824-01

Lab Sample ID: 480-104995-6

Date Collected: 08/24/16 12:20

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 00:35	GTG	TAL BUF

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1008-20160824-01

Lab Sample ID: 480-104995-7

Date Collected: 08/24/16 11:15

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 01:00	GTG	TAL BUF

Client Sample ID: MW-1009-20160824-01

Lab Sample ID: 480-104995-8

Date Collected: 08/24/16 09:50

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 01:26	GTG	TAL BUF

Client Sample ID: MW-1010M-20160824-01

Lab Sample ID: 480-104995-9

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 01:51	GTG	TAL BUF

Client Sample ID: MW-1010D-20160824-01

Lab Sample ID: 480-104995-10

Date Collected: 08/24/16 12:40

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 02:16	GTG	TAL BUF

Client Sample ID: MW-1013-20160824-01

Lab Sample ID: 480-104995-11

Date Collected: 08/24/16 07:55

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 02:41	GTG	TAL BUF

Client Sample ID: MW-1014-20160824-01

Lab Sample ID: 480-104995-12

Date Collected: 08/24/16 08:05

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 03:07	GTG	TAL BUF

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1015D-20160824-01

Lab Sample ID: 480-104995-13

Date Collected: 08/24/16 08:15

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 03:32	GTG	TAL BUF

Client Sample ID: MW-1016D-20160824-01

Lab Sample ID: 480-104995-14

Date Collected: 08/24/16 11:50

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 03:57	GTG	TAL BUF

Client Sample ID: MW-1017D-20160824-01

Lab Sample ID: 480-104995-15

Date Collected: 08/24/16 11:35

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	317754	08/26/16 04:22	GTG	TAL BUF

Client Sample ID: MW-1019B-20160824-01

Lab Sample ID: 480-104995-16

Date Collected: 08/24/16 07:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 04:47	GTG	TAL BUF

Client Sample ID: MW-1022-20160824-01

Lab Sample ID: 480-104995-17

Date Collected: 08/24/16 08:25

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 05:13	GTG	TAL BUF

Client Sample ID: MW-1023-20160824-01

Lab Sample ID: 480-104995-18

Date Collected: 08/24/16 09:25

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 05:38	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1024D-20160824-01

Lab Sample ID: 480-104995-19

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 06:04	GTG	TAL BUF

Client Sample ID: MW-1025M-20160824-01

Lab Sample ID: 480-104995-20

Date Collected: 08/24/16 08:10

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 06:29	GTG	TAL BUF

Client Sample ID: MW-1025D-20160824-01

Lab Sample ID: 480-104995-21

Date Collected: 08/24/16 08:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 06:54	GTG	TAL BUF

Client Sample ID: MW-1027-20160824-01

Lab Sample ID: 480-104995-22

Date Collected: 08/24/16 10:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 07:20	GTG	TAL BUF

Client Sample ID: MW-1028-20160824-01

Lab Sample ID: 480-104995-23

Date Collected: 08/24/16 10:50

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317754	08/26/16 07:45	GTG	TAL BUF

Client Sample ID: MW-1030-20160824-01

Lab Sample ID: 480-104995-24

Date Collected: 08/24/16 08:50

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 15:47	RRS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: MW-1031-20160824-01

Lab Sample ID: 480-104995-25

Date Collected: 08/24/16 09:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 16:12	RRS	TAL BUF

Client Sample ID: MW-1033-20160824-01

Lab Sample ID: 480-104995-26

Date Collected: 08/24/16 11:20

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 16:35	RRS	TAL BUF

Client Sample ID: MW-1034-20160824-01

Lab Sample ID: 480-104995-27

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 16:59	RRS	TAL BUF

Client Sample ID: DUP-001-20160824

Lab Sample ID: 480-104995-28

Date Collected: 08/24/16 00:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 17:23	RRS	TAL BUF

Client Sample ID: DUP-002-20160824

Lab Sample ID: 480-104995-29

Date Collected: 08/24/16 00:02

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 17:47	RRS	TAL BUF

Client Sample ID: DUP-003-20160824

Lab Sample ID: 480-104995-30

Date Collected: 08/24/16 08:08

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 18:11	RRS	TAL BUF

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Client Sample ID: DUP-004-20160824

Lab Sample ID: 480-104995-31

Date Collected: 08/24/16 11:11

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 18:36	RRS	TAL BUF

Client Sample ID: TB001-20160824-01

Lab Sample ID: 480-104995-32

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 18:59	RRS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-17
California	State Program	9	1169CA	09-30-17
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-17
Georgia	State Program	4	N/A	03-31-17
Georgia	State Program	4	956	03-31-17
Illinois	NELAP	5	200003	09-30-16
Iowa	State Program	7	374	03-01-17
Kansas	NELAP	7	E-10187	10-31-16
Kentucky (DW)	State Program	4	90029	12-31-16
Kentucky (UST)	State Program	4	30	03-31-17
Kentucky (WW)	State Program	4	90029	12-31-16
Louisiana	NELAP	6	02031	06-30-17
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-17
Massachusetts	State Program	1	M-NY044	06-30-17
Michigan	State Program	5	9937	03-31-16 *
Minnesota	NELAP	5	036-999-337	12-31-16
New Hampshire	NELAP Primary AB	1	2973	09-11-16
New Hampshire	NELAP Secondary AB	1	2337	11-17-16
New Jersey	NELAP	2	NY455	06-30-17
New York	NELAP	2	10026	03-31-17
North Dakota	State Program	8	R-176	03-31-17
Oklahoma	State Program	6	9421	08-31-16
Oregon	NELAP	10	NY200003	06-09-17
Pennsylvania	NELAP	3	68-00281	07-31-17
Rhode Island	State Program	1	LAO00328	12-30-16
Tennessee	State Program	4	TN02970	03-31-17
Texas	NELAP	6	T104704412-15-6	07-31-17
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-16
Washington	State Program	10	C784	02-10-17
West Virginia DEP	State Program	3	252	09-30-16
Wisconsin	State Program	5	998310390	08-31-16

* Certification renewal pending - certification considered valid.

Method Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	MA DEP	TAL BUF

Protocol References:

MA DEP = Massachusetts Department Of Environmental Protection

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Sample Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104995-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-104995-1	MW-1001M-20160824-01	Water	08/24/16 08:55	08/25/16 02:00
480-104995-2	MW-1002B-20160824-01	Water	08/24/16 09:30	08/25/16 02:00
480-104995-3	MW-1003-20160824-01	Water	08/24/16 10:05	08/25/16 02:00
480-104995-4	MW-1004-20160824-01	Water	08/24/16 10:30	08/25/16 02:00
480-104995-5	MW-1005-20160824-01	Water	08/24/16 10:55	08/25/16 02:00
480-104995-6	MW-1006-20160824-01	Water	08/24/16 12:20	08/25/16 02:00
480-104995-7	MW-1008-20160824-01	Water	08/24/16 11:15	08/25/16 02:00
480-104995-8	MW-1009-20160824-01	Water	08/24/16 09:50	08/25/16 02:00
480-104995-9	MW-1010M-20160824-01	Water	08/24/16 12:45	08/25/16 02:00
480-104995-10	MW-1010D-20160824-01	Water	08/24/16 12:40	08/25/16 02:00
480-104995-11	MW-1013-20160824-01	Water	08/24/16 07:55	08/25/16 02:00
480-104995-12	MW-1014-20160824-01	Water	08/24/16 08:05	08/25/16 02:00
480-104995-13	MW-1015D-20160824-01	Water	08/24/16 08:15	08/25/16 02:00
480-104995-14	MW-1016D-20160824-01	Water	08/24/16 11:50	08/25/16 02:00
480-104995-15	MW-1017D-20160824-01	Water	08/24/16 11:35	08/25/16 02:00
480-104995-16	MW-1019B-20160824-01	Water	08/24/16 07:30	08/25/16 02:00
480-104995-17	MW-1022-20160824-01	Water	08/24/16 08:25	08/25/16 02:00
480-104995-18	MW-1023-20160824-01	Water	08/24/16 09:25	08/25/16 02:00
480-104995-19	MW-1024D-20160824-01	Water	08/24/16 09:00	08/25/16 02:00
480-104995-20	MW-1025M-20160824-01	Water	08/24/16 08:10	08/25/16 02:00
480-104995-21	MW-1025D-20160824-01	Water	08/24/16 08:00	08/25/16 02:00
480-104995-22	MW-1027-20160824-01	Water	08/24/16 10:30	08/25/16 02:00
480-104995-23	MW-1028-20160824-01	Water	08/24/16 10:50	08/25/16 02:00
480-104995-24	MW-1030-20160824-01	Water	08/24/16 08:50	08/25/16 02:00
480-104995-25	MW-1031-20160824-01	Water	08/24/16 09:00	08/25/16 02:00
480-104995-26	MW-1033-20160824-01	Water	08/24/16 11:20	08/25/16 02:00
480-104995-27	MW-1034-20160824-01	Water	08/24/16 11:30	08/25/16 02:00
480-104995-28	DUP-001-20160824	Water	08/24/16 00:00	08/25/16 02:00
480-104995-29	DUP-002-20160824	Water	08/24/16 00:02	08/25/16 02:00
480-104995-30	DUP-003-20160824	Water	08/24/16 08:08	08/25/16 02:00
480-104995-31	DUP-004-20160824	Water	08/24/16 11:11	08/25/16 02:00
480-104995-32	TB001-20160824-01	Water	08/24/16 12:00	08/25/16 02:00

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-104995-1

Login Number: 104995

List Source: TestAmerica Buffalo

List Number: 1

Creator: Conway, Curtis R

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	erm
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Client Information		Lab PM: Mason, Becky C	Carrier Tracking No(s):	COC No: 480-86051-21030.3								
Client Contact: Elise LeBlanc		E-Mail: becky.mason@testamericainc.com		Page: 1 of 3 em								
Lynsey Colburn		Phone: 240 682 1855		Job #: 0321744								
ERM-Northeast												
Address: One Beacon Street 5th Floor		Due Date Requested: standard	Analysis Requested									
City: Boston		TAT Requested (days): 7 days	Preservation Codes:									
State, Zip: MA, 02108		PO #: Purchase Order not required	A - HCL B - NaOH M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - Other (specify)									
Phone: 617-646-7800		WO #: 0321744	Other:									
Email: lynsey.colburn@erm.com, elise.leblanc@erm.com		Project #: 48007117										
IDS Wayland		SSOW#:										
Site: IDS Wayland												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Sewage, etc.)	Preservation Code (E=Ethanol, A=Air, W=Water)	Field Filtered Sample (Yes or No)	Perfor. MS/MSD (Yes or No)	8260MCP - VOC 8010 list	622 MOD - 1,4 Dioxane 522	Total Number of Containers	Special Instructions/Note:	
MW-1001M-20160824-01	8/24/16	0855	G	Water		X	X			3		
MW-1002B-20160824-01		0930		Water		X	X			3		
MW-1003-20160824-01		1005		Water		X	X			3		
MW-1004-20160824-01		1030		Water		X	X			3		
MW-1005-20160824-01		1055		Water		X	X			3		
MW-1006-20160824-01		1220		Water		X	X			3		
MW-1008-20160824-01		1115		Water		X	X			3		
MW-1009-20160824-01		0950		Water		X	X			3		
MW-1010M-20160824-01		1245		Water		X	X			3		
MW-1010D-20160824-01		1240		Water		X	X			3		
MW-1013-20160824-01		0755		Water		X	X			3		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological												
Deliverable Requested: I, II, III, IV, Other (specify) <input type="checkbox"/> Empty Kit Relinquished by: <input type="checkbox"/> Date:												
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months												
Special Instructions/QC Requirements:												
Received by: <i>Elise LeBlanc</i>		Date/Time: 8/24/16 14:45	Company: TA		Method of Shipment:		Date/Time: 8/25/16 08:00		Company: TA		Cooler Temperature(s) °C and Other Remarks: 37.0	
Relinquished by: <i>Elise LeBlanc</i>		Date/Time: 8/24/16 15:15	Company: TA		Date/Time:		Date/Time:		Company:		Cooler Temperature(s) °C and Other Remarks:	



Client Information Client Contact: Lyndsey Colburn Company: ERM-Northeast Address: One Beacon Street 5th Floor City: Boston State, Zip: MA, 02108 Phone: 617-646-7800 Email: lyndsey.colburn@erm.com, elixir.koblanc@erm.com Project Name: IDS Wayland Site: IDS Wayland		Lab PM: Mason, Becky C E-Mail: becky.mason@testamericainc.com Carrier Tracking No(s): Lab No: 480-86051-21030.4 Page: 23 of 23 Job #: EM	
Due Date Requested: Standard TAT Requested (days): 7 days PO #: Purchase Order not required WO #: 0321744 Project #: 48007117 SSOW#	Analysis Requested Field Filled Sample (Yes or No) <input checked="" type="checkbox"/> A Perform MSD (Yes or No) <input checked="" type="checkbox"/> A 626MCP - VOC 8010 list 622 MOD - 1/4 Dioxane 522		
Sample Identification Sample ID: MW-1014-20160824-01 MW-1015D-20160824-01 MW-1016D-20160824-01 MW-1017D-20160824-01 MW-1019B-20160824-01 MW-1022-20160824-01 MW-1023-20160824-01 MW-1024D-20160824-01 MW-1025M-20160824-01 MW-1025P-20160824-01 MW-1027-20160824-01	Sample Date 8/24/16 0815 1150 1135 0730 0825 0925 0900 0810 0800 1030	Sample Time G G G G G G G G G G	Matrix Water Water Water Water Water Water Water Water Water Water
Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:			
Special Instructions/Note: Total Number of containers: 3			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/QC Requirements:			
Empty Kit Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Date: 8/24/16 1445 Date/Time: 8/24/16 15:15 Date/Time:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: I, II, III, IV, Other (specify)	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:			



Client Information		Lab PM: Mason, Becky C		Carrier Tracking No(s):		COC No: 480-86051-21030.5	
Client Contact: Lyndsey Colburn		E-Mail: becky.mason@testamericainc.com		Page: 3 of 8		Job #: 303EM	
Company: ERM-Northeast		Address: One Beacon Street 5th Floor		City: Boston		State, Zip: MA, 02108	
Phone: 617-646-7800		PO #: Purchase Order not required		WO #: 0321744		Project #: 48007117	
Email: lyndsey.colburn@erm.com		Site: IDS Wayland		SSOW#:		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, As=Air)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
MW-1028-20160824-01		1050		1050		Water	
MW-1030-20160824-01		0850		0850		Water	
MW-1031-20160824-01		0900		0900		Water	
MW-1033-20160824-01		1120		1120		Water	
MW-1034-20160824-01		1130		1130		Water	
DUP-001-20160824-01		0000		0000		Water	
DUP-002-20160824-01		0002		0002		Water	
DUP-003-20160824-01		0808		0808		Water	
DUP-004-20160824-01		1111		1111		Water	
TB-001-20160824-01		1200		1200		Water	
Possible Hazard Identification		Skin Irritant <input checked="" type="checkbox"/>		Flammable <input type="checkbox"/>		Toxic <input type="checkbox"/>	
Deliverable Requested: I, II, III, IV, Other (specify)		Poison B <input type="checkbox"/>		Unknown <input type="checkbox"/>		Radiological <input type="checkbox"/>	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: [Signature]		8/24/16		1445		Company: [Signature]	
Relinquished by: [Signature]		8/24/16		15:15		Company: [Signature]	
Relinquished by: [Signature]		8/24/16		14:45		Company: [Signature]	
Relinquished by: [Signature]		8/25/16		07:00		Company: [Signature]	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		310 #1		Cooler Temperature(s) °C and Other Remarks:	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

Tel: (802)660-1990

TestAmerica Job ID: 200-35035-1

Client Project/Site: IDS Wayland

For:

ERM-Northeast

One Beacon Steet

5th Floor

Boston, Massachusetts 02108

Attn: Lyndsey Colburn



Authorized for release by:

9/19/2016 9:07:47 AM

Denise Giglia, Project Management Assistant II

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Designee for

Becky Mason, Project Manager II

(413)572-4000

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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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Job ID: 200-35035-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative 200-35035-1

Receipt

The samples were received on 8/27/2016 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS Semi VOA

Method 522: Surrogate recovery for the following samples was outside control limits: MW-1025D-20160826-01 (200-35035-1), MW-1025M-20160826-01 (200-35035-2), MW-1024D-20160826-01 (200-35035-3) and MW-1034-20160826-01 (200-35035-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 522: Surrogate recovery for the following samples was outside control limits: MW-1025D-20160826-01 (200-35035-1), MW-1025M-20160826-01 (200-35035-2) and MW-1024D-20160826-01 (200-35035-3). Evidence of matrix interferences is not obvious. Reanalysis confirms data

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

Organic Prep

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

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Client Sample ID: MW-1025D-20160826-01

Lab Sample ID: 200-35035-1

No Detections.

Client Sample ID: MW-1025M-20160826-01

Lab Sample ID: 200-35035-2

No Detections.

Client Sample ID: MW-1024D-20160826-01

Lab Sample ID: 200-35035-3

No Detections.

Client Sample ID: MW-1023-20160826-01

Lab Sample ID: 200-35035-4

No Detections.

Client Sample ID: MW-1022-20160826-01

Lab Sample ID: 200-35035-5

No Detections.

Client Sample ID: MW-1033-20160826-01

Lab Sample ID: 200-35035-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.49		0.20		ug/L	1		522	Total/NA

Client Sample ID: MW-1034-20160826-01

Lab Sample ID: 200-35035-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Burlington

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Client Sample ID: MW-1025D-20160826-01

Lab Sample ID: 200-35035-1

Date Collected: 08/26/16 07:25

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	66	X	70 - 130				08/29/16 19:30	08/31/16 13:38	1

Client Sample ID: MW-1025M-20160826-01

Lab Sample ID: 200-35035-2

Date Collected: 08/26/16 07:30

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	65	X	70 - 130				08/29/16 19:30	08/31/16 13:58	1

Client Sample ID: MW-1024D-20160826-01

Lab Sample ID: 200-35035-3

Date Collected: 08/26/16 07:40

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	51	X	70 - 130				08/29/16 19:30	08/31/16 14:17	1

Client Sample ID: MW-1023-20160826-01

Lab Sample ID: 200-35035-4

Date Collected: 08/26/16 07:50

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	77		70 - 130				08/29/16 19:30	08/31/16 14:37	1

Client Sample ID: MW-1022-20160826-01

Lab Sample ID: 200-35035-5

Date Collected: 08/26/16 08:05

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	70		70 - 130				08/29/16 19:30	08/31/16 14:55	1

TestAmerica Burlington

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Client Sample ID: MW-1033-20160826-01

Lab Sample ID: 200-35035-6

Date Collected: 08/26/16 08:55

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.49		0.20		ug/L		08/29/16 19:30	08/31/16 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	72		70 - 130	08/29/16 19:30	08/31/16 15:15	1

Client Sample ID: MW-1034-20160826-01

Lab Sample ID: 200-35035-7

Date Collected: 08/26/16 09:05

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	70		70 - 130	08/29/16 19:30	08/31/16 15:34	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	14DD8 (70-130)
200-35035-1	MW-1025D-20160826-01	66 X
200-35035-2	MW-1025M-20160826-01	65 X
200-35035-3	MW-1024D-20160826-01	51 X
200-35035-4	MW-1023-20160826-01	77
200-35035-5	MW-1022-20160826-01	70
200-35035-6	MW-1033-20160826-01	72
200-35035-7	MW-1034-20160826-01	70
LCS 200-108692/2-A	Lab Control Sample	93
MB 200-108692/1-A	Method Blank	87

Surrogate Legend

14DD8 = 1,4-Dioxane-d8 (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Lab Sample ID: MB 200-108692/1-A
Matrix: Water
Analysis Batch: 108712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/30/16 13:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	87		70 - 130				08/29/16 19:30	08/30/16 13:58	1

Lab Sample ID: LCS 200-108692/2-A
Matrix: Water
Analysis Batch: 108712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,4-Dioxane	8.00	7.16		ug/L		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	93		70 - 130				

QC Association Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

GC/MS Semi VOA

Prep Batch: 108692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-35035-1	MW-1025D-20160826-01	Total/NA	Water	3535A	
200-35035-2	MW-1025M-20160826-01	Total/NA	Water	3535A	
200-35035-3	MW-1024D-20160826-01	Total/NA	Water	3535A	
200-35035-4	MW-1023-20160826-01	Total/NA	Water	3535A	
200-35035-5	MW-1022-20160826-01	Total/NA	Water	3535A	
200-35035-6	MW-1033-20160826-01	Total/NA	Water	3535A	
200-35035-7	MW-1034-20160826-01	Total/NA	Water	3535A	
MB 200-108692/1-A	Method Blank	Total/NA	Water	3535A	
LCS 200-108692/2-A	Lab Control Sample	Total/NA	Water	3535A	

Analysis Batch: 108712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 200-108692/1-A	Method Blank	Total/NA	Water	522	108692
LCS 200-108692/2-A	Lab Control Sample	Total/NA	Water	522	108692

Analysis Batch: 108748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-35035-1	MW-1025D-20160826-01	Total/NA	Water	522	108692
200-35035-2	MW-1025M-20160826-01	Total/NA	Water	522	108692
200-35035-3	MW-1024D-20160826-01	Total/NA	Water	522	108692
200-35035-4	MW-1023-20160826-01	Total/NA	Water	522	108692
200-35035-5	MW-1022-20160826-01	Total/NA	Water	522	108692
200-35035-6	MW-1033-20160826-01	Total/NA	Water	522	108692
200-35035-7	MW-1034-20160826-01	Total/NA	Water	522	108692

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Client Sample ID: MW-1025D-20160826-01

Date Collected: 08/26/16 07:25

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 13:38	P1M	TAL BUR

Client Sample ID: MW-1025M-20160826-01

Date Collected: 08/26/16 07:30

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 13:58	P1M	TAL BUR

Client Sample ID: MW-1024D-20160826-01

Date Collected: 08/26/16 07:40

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 14:17	P1M	TAL BUR

Client Sample ID: MW-1023-20160826-01

Date Collected: 08/26/16 07:50

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 14:37	P1M	TAL BUR

Client Sample ID: MW-1022-20160826-01

Date Collected: 08/26/16 08:05

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 14:55	P1M	TAL BUR

Client Sample ID: MW-1033-20160826-01

Date Collected: 08/26/16 08:55

Date Received: 08/27/16 09:45

Lab Sample ID: 200-35035-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 15:15	P1M	TAL BUR

TestAmerica Burlington

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Client Sample ID: MW-1034-20160826-01

Lab Sample ID: 200-35035-7

Date Collected: 08/26/16 09:05

Matrix: Water

Date Received: 08/27/16 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 15:34	P1M	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-02-17
Florida	NELAP	4	E87467	06-30-17
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-16
New Hampshire	NELAP	1	2006	12-18-16
New Jersey	NELAP	2	VT972	06-30-17
New York	NELAP	2	10391	04-01-17
Pennsylvania	NELAP	3	68-00489	04-30-17
Rhode Island	State Program	1	LAO00298	12-30-16
US Fish & Wildlife	Federal		LE-058448-0	10-31-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-16
Virginia	NELAP	3	460209	12-14-16

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-17
California	State Program	9	1169CA	09-30-17
Connecticut	State Program	1	PH-0568	09-30-16 *
Florida	NELAP	4	E87672	06-30-17
Georgia	State Program	4	N/A	03-31-17
Georgia	State Program	4	956	03-31-17
Illinois	NELAP	5	200003	09-30-16 *
Iowa	State Program	7	374	03-01-17
Kansas	NELAP	7	E-10187	10-31-16
Kentucky (DW)	State Program	4	90029	12-31-16
Kentucky (UST)	State Program	4	30	03-31-17
Kentucky (WW)	State Program	4	90029	12-31-16
Louisiana	NELAP	6	02031	06-30-17
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-17
Massachusetts	State Program	1	M-NY044	06-30-17
Michigan	State Program	5	9937	03-31-16 *
Minnesota	NELAP	5	036-999-337	12-31-16
New Hampshire	NELAP Primary AB	1	2973	09-11-16 *
New Hampshire	NELAP Secondary AB	1	2337	11-17-16
New Jersey	NELAP	2	NY455	06-30-17
New York	NELAP	2	10026	03-31-17
North Dakota	State Program	8	R-176	03-31-17
Oklahoma	State Program	6	9421	08-31-17
Oregon	NELAP	10	NY200003	06-09-17
Pennsylvania	NELAP	3	68-00281	07-31-17
Rhode Island	State Program	1	LAO00328	12-30-16
Tennessee	State Program	4	TN02970	03-31-17
Texas	NELAP	6	T104704412-15-6	07-31-17
USDA	Federal		P330-11-00386	11-26-17

* Certification renewal pending - certification considered valid.

TestAmerica Burlington

Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Laboratory: TestAmerica Buffalo (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Virginia	NELAP	3	460185	09-14-17
Washington	State Program	10	C784	02-10-17
West Virginia DEP	State Program	3	252	09-30-16 *
Wisconsin	State Program	5	998310390	08-31-17

* Certification renewal pending - certification considered valid.

TestAmerica Burlington



Method Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Method	Method Description	Protocol	Laboratory
522	1,4 Dioxane (GC/MS SIM)	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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Sample Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-35035-1	MW-1025D-20160826-01	Water	08/26/16 07:25	08/27/16 09:45
200-35035-2	MW-1025M-20160826-01	Water	08/26/16 07:30	08/27/16 09:45
200-35035-3	MW-1024D-20160826-01	Water	08/26/16 07:40	08/27/16 09:45
200-35035-4	MW-1023-20160826-01	Water	08/26/16 07:50	08/27/16 09:45
200-35035-5	MW-1022-20160826-01	Water	08/26/16 08:05	08/27/16 09:45
200-35035-6	MW-1033-20160826-01	Water	08/26/16 08:55	08/27/16 09:45
200-35035-7	MW-1034-20160826-01	Water	08/26/16 09:05	08/27/16 09:45

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Client Information Client Contact: Joshua Klement Company: Lynasey Colburn ERM-Northeast Address: One Beacon Street 5th Floor City: Boston State: MA, Zip: 02108 Phone: 617-646-7800 Email: lynasey.colburn@erm.com Project Name: IDS Bunting Wayland Site: Wayland		Lab PM: Mason, Becky C E-Mail: becky.mason@testamericainc.com Carrier Tracking No(s): Lab #: Job #: COC No: 480-58452-15333.4 Page: Page 1 of 1	
Due Date Requested: TAT Requested (days): standard PO #: Purchase Order not required WO #: 0321744 Project #: 48007496 SSOV#:		Analysis Requested 6010MCP - (MOD) 6010 MCP Custom analyte list 300_0_28D - Sulfate 826B - (MOD) Pick a reference price Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)	
Sample Identification MW-1025D-20160826-01 MW-1025M-20160826-01 MW-1024D-20160826-01 MW-1023-20160826-01 MW-1022-20160826-01 MW-1033-20160826-01 MW-1034-20160826-01		Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air) Sample Type (C=comp, G=grab) Sample Time Sample Date Preservation Code: Water Water Water Water Water Water Water Water Water Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Method of Shipment: Date/Time: 08/26/16 10:05 Date/Time: 8/26/16 Date/Time: 8/27/16 9:45 Date/Time:	
Custody Seals Intact: N/A Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 24°C	



Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 200-35035-1

Login Number: 35035

List Source: TestAmerica Burlington

List Number: 1

Creator: Lavigne III, Scott M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
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	2.4°C
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (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

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-104990-1

Client Project/Site: IDS Wayland

For:

ERM-Northeast

One Beacon Steet

5th Floor

Boston, Massachusetts 02108

Attn: Lyndsey Colburn



Authorized for release by:

8/29/2016 10:46:44 AM

Denise Giglia, Project Management Assistant II

denise.giglia@testamericainc.com

Designee for

Becky Mason, Project Manager II

(413)572-4000

becky.mason@testamericainc.com

LINKS

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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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Job ID: 480-104990-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-104990-1

Receipt

The samples were received on 8/25/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Method 8260C: At the request of the client, an abbreviated MCP compound list was reported for this job.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1035-20160824-01 (480-104990-6), MW-1037-20160824-01 (480-104990-8), MW-1038-20160824-01 (480-104990-9), (480-104990-A-9 MS) and (480-104990-A-9 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-1011-20160824-01 (480-104990-1), MW-1020-20160824-01 (480-104990-3), MW-1026D-20160824-01 (480-104990-4), MW-1032-20160824-01 (480-104990-5), MW-1035-20160824-01 (480-104990-6), MW-1036-20160824-01 (480-104990-7), MW-1037-20160824-01 (480-104990-8), MW-1038-20160824-01 (480-104990-9), MW-1039-20160824-01 (480-104990-10) and DUP-005-20160824-01 (480-104990-11). The requested target analyte list includes 2-chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) for Carbon tetrachloride associated with batch 480-317749 recovered outside the MCP control limit criteria. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference. The following samples were affected : MW-1011-20160824-01 (480-104990-1), MW-1020-20160824-01 (480-104990-3), MW-1026D-20160824-01 (480-104990-4), MW-1032-20160824-01 (480-104990-5), MW-1035-20160824-01 (480-104990-6), MW-1036-20160824-01 (480-104990-7), MW-1037-20160824-01 (480-104990-8), MW-1038-20160824-01 (480-104990-9), MW-1039-20160824-01 (480-104990-10) and DUP-005-20160824-01 (480-104990-11).

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 480-317749 exceeded control limits for the following analytes: Carbon tetrachloride. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The following samples were affected : MW-1011-20160824-01 (480-104990-1), MW-1020-20160824-01 (480-104990-3), MW-1026D-20160824-01 (480-104990-4), MW-1032-20160824-01 (480-104990-5), MW-1035-20160824-01 (480-104990-6), MW-1036-20160824-01 (480-104990-7), MW-1037-20160824-01 (480-104990-8), MW-1038-20160824-01 (480-104990-9), MW-1039-20160824-01 (480-104990-10) and DUP-005-20160824-01 (480-104990-11).

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample was received preserved with hydrochloric acid: MW-1018-20160824-01 (480-104990-2). The requested target analyte list includes 2-chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) for 1,1,1-Trichloroethane, Carbon tetrachloride, and Dichlorodifluoromethane associated with batch 480-317839 recovered outside the MCP control limit criteria. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference. Difficult analytes are allowed to be outside the 20% difference but not over 60% difference. The following sample was affected : MW-1018-20160824-01 (480-104990-2).

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 480-317839 exceeded control limits for the following analytes: Carbon tetrachloride. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The following sample was affected : MW-1018-20160824-01 (480-104990-2).

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

MassDEP Analytical Protocol Certification Form

Laboratory Name: **TestAmerica Buffalo** Project #: **480-104990**

Project Location: **IDS Wayland** RTN:

This form provides certifications for the following data set: list Laboratory Sample ID Number(s):
480-104990 [1-11]

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocols (check all that apply below):

8260 VOC CAM II A <input checked="" type="checkbox"/>	7470/7471 Hg CAM III B <input type="checkbox"/>	Mass DEP VPH CAM IV A <input type="checkbox"/>	8081 Pesticides CAM V B <input type="checkbox"/>	7196 Hex Cr CAM VI B <input type="checkbox"/>	Mass DEP APH CAM IX A <input type="checkbox"/>
8270 SVOC CAM II B <input type="checkbox"/>	7010 Metals CAM III C <input type="checkbox"/>	Mass DEP EPH CAM IV B <input type="checkbox"/>	8151 Herbicides CAM V C <input type="checkbox"/>	8330 Explosives CAM VIII A <input type="checkbox"/>	TO-15 VOC CAM IX B <input type="checkbox"/>
6010 Metals CAM III A <input type="checkbox"/>	6020 Metals CAM III D <input type="checkbox"/>	8082 PCB CAM V A <input type="checkbox"/>	9014 Total Cyanide/PAC CAM VI A <input type="checkbox"/>	6860 Perchlorate CAM VIII B <input type="checkbox"/>	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding time.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E	a. VPH, EPH and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No ¹
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Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WCS-07-350

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ¹
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s) ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ¹

¹ All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, is accurate and complete.

Signature: Denise L Giglia Position: Project Manager Assistant II
 Printed Name: Denise L. Giglia Date: 8/29/16 10:40

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1011-20160824-01

Lab Sample ID: 480-104990-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.6		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	16		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1018-20160824-01

Lab Sample ID: 480-104990-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.4		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	5.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1020-20160824-01

Lab Sample ID: 480-104990-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.1		1.0		ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.0		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	16		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1026D-20160824-01

Lab Sample ID: 480-104990-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	40		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	43		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1032-20160824-01

Lab Sample ID: 480-104990-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0		ug/L	1		8260C	Total/NA
1,1,1-Trichloroethane	2.0		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	6.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1035-20160824-01

Lab Sample ID: 480-104990-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	34		4.0		ug/L	4		8260C	Total/NA
Trichloroethene	140		4.0		ug/L	4		8260C	Total/NA

Client Sample ID: MW-1036-20160824-01

Lab Sample ID: 480-104990-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	11		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1037-20160824-01

Lab Sample ID: 480-104990-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	31		5.0		ug/L	5		8260C	Total/NA
Trichloroethene	100		5.0		ug/L	5		8260C	Total/NA

Client Sample ID: MW-1038-20160824-01

Lab Sample ID: 480-104990-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
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This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1038-20160824-01 (Continued)

Lab Sample ID: 480-104990-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	310		20		ug/L	20		8260C	Total/NA
Trichloroethene	1100	F1	20		ug/L	20		8260C	Total/NA

Client Sample ID: MW-1039-20160824-01

Lab Sample ID: 480-104990-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	48		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: DUP-005-20160824-01

Lab Sample ID: 480-104990-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	10		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1011-20160824-01

Lab Sample ID: 480-104990-1

Date Collected: 08/24/16 11:20

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/25/16 23:55	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/25/16 23:55	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/16 23:55	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/25/16 23:55	1
1,1-Dichloroethane	ND		1.0		ug/L			08/25/16 23:55	1
1,1-Dichloroethene	ND		1.0		ug/L			08/25/16 23:55	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/25/16 23:55	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/25/16 23:55	1
1,2-Dichloroethane	ND		1.0		ug/L			08/25/16 23:55	1
1,2-Dichloropropane	ND		1.0		ug/L			08/25/16 23:55	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/25/16 23:55	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/25/16 23:55	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/25/16 23:55	1
Bromobenzene	ND		1.0		ug/L			08/25/16 23:55	1
Bromoform	ND		1.0		ug/L			08/25/16 23:55	1
Bromomethane	ND		2.0		ug/L			08/25/16 23:55	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/25/16 23:55	1
Chlorobenzene	ND		1.0		ug/L			08/25/16 23:55	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/16 23:55	1
Chloroethane	ND		2.0		ug/L			08/25/16 23:55	1
Chloroform	ND		1.0		ug/L			08/25/16 23:55	1
Chloromethane	ND		2.0		ug/L			08/25/16 23:55	1
cis-1,2-Dichloroethene	6.6		1.0		ug/L			08/25/16 23:55	1
Dibromomethane	ND		1.0		ug/L			08/25/16 23:55	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/25/16 23:55	1
Methylene Chloride	ND		1.0		ug/L			08/25/16 23:55	1
Tetrachloroethene	ND		1.0		ug/L			08/25/16 23:55	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/25/16 23:55	1
Trichloroethene	16		1.0		ug/L			08/25/16 23:55	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/16 23:55	1
Vinyl chloride	ND		1.0		ug/L			08/25/16 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130					08/25/16 23:55	1
Toluene-d8 (Surr)	91		70 - 130					08/25/16 23:55	1
4-Bromofluorobenzene (Surr)	102		70 - 130					08/25/16 23:55	1

Client Sample ID: MW-1018-20160824-01

Lab Sample ID: 480-104990-2

Date Collected: 08/24/16 13:10

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 15:23	1
1,1,1-Trichloroethane	1.4		1.0		ug/L			08/26/16 15:23	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 15:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 15:23	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 15:23	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 15:23	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 15:23	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1018-20160824-01

Lab Sample ID: 480-104990-2

Date Collected: 08/24/16 13:10

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:23	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 15:23	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 15:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 15:23	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 15:23	1
Bromobenzene	ND		1.0		ug/L			08/26/16 15:23	1
Bromoform	ND		1.0		ug/L			08/26/16 15:23	1
Bromomethane	ND		2.0		ug/L			08/26/16 15:23	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 15:23	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 15:23	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 15:23	1
Chloroethane	ND		2.0		ug/L			08/26/16 15:23	1
Chloroform	ND		1.0		ug/L			08/26/16 15:23	1
Chloromethane	ND		2.0		ug/L			08/26/16 15:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 15:23	1
Dibromomethane	ND		1.0		ug/L			08/26/16 15:23	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 15:23	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 15:23	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 15:23	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 15:23	1
Trichloroethene	5.9		1.0		ug/L			08/26/16 15:23	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 15:23	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130		08/26/16 15:23	1
Toluene-d8 (Surr)	92		70 - 130		08/26/16 15:23	1
4-Bromofluorobenzene (Surr)	97		70 - 130		08/26/16 15:23	1

Client Sample ID: MW-1020-20160824-01

Lab Sample ID: 480-104990-3

Date Collected: 08/24/16 09:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 00:43	1
1,1,1-Trichloroethane	1.1		1.0		ug/L			08/26/16 00:43	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 00:43	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 00:43	1
1,1-Dichloroethane	1.0		1.0		ug/L			08/26/16 00:43	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 00:43	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 00:43	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:43	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 00:43	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 00:43	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:43	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 00:43	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 00:43	1
Bromobenzene	ND		1.0		ug/L			08/26/16 00:43	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1020-20160824-01

Lab Sample ID: 480-104990-3

Date Collected: 08/24/16 09:55

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 00:43	1
Bromomethane	ND		2.0		ug/L			08/26/16 00:43	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 00:43	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 00:43	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 00:43	1
Chloroethane	ND		2.0		ug/L			08/26/16 00:43	1
Chloroform	ND		1.0		ug/L			08/26/16 00:43	1
Chloromethane	ND		2.0		ug/L			08/26/16 00:43	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 00:43	1
Dibromomethane	ND		1.0		ug/L			08/26/16 00:43	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 00:43	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 00:43	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 00:43	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 00:43	1
Trichloroethene	16		1.0		ug/L			08/26/16 00:43	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 00:43	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		08/26/16 00:43	1
Toluene-d8 (Surr)	92		70 - 130		08/26/16 00:43	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/26/16 00:43	1

Client Sample ID: MW-1026D-20160824-01

Lab Sample ID: 480-104990-4

Date Collected: 08/24/16 09:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 01:07	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 01:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 01:07	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 01:07	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 01:07	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 01:07	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 01:07	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:07	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 01:07	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 01:07	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:07	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:07	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 01:07	1
Bromobenzene	ND		1.0		ug/L			08/26/16 01:07	1
Bromoform	ND		1.0		ug/L			08/26/16 01:07	1
Bromomethane	ND		2.0		ug/L			08/26/16 01:07	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 01:07	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 01:07	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 01:07	1
Chloroethane	ND		2.0		ug/L			08/26/16 01:07	1
Chloroform	ND		1.0		ug/L			08/26/16 01:07	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1026D-20160824-01

Lab Sample ID: 480-104990-4

Date Collected: 08/24/16 09:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0		ug/L			08/26/16 01:07	1
cis-1,2-Dichloroethene	40		1.0		ug/L			08/26/16 01:07	1
Dibromomethane	ND		1.0		ug/L			08/26/16 01:07	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 01:07	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 01:07	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 01:07	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 01:07	1
Trichloroethene	43		1.0		ug/L			08/26/16 01:07	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 01:07	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130					08/26/16 01:07	1
Toluene-d8 (Surr)	95		70 - 130					08/26/16 01:07	1
4-Bromofluorobenzene (Surr)	102		70 - 130					08/26/16 01:07	1

Client Sample ID: MW-1032-20160824-01

Lab Sample ID: 480-104990-5

Date Collected: 08/24/16 09:15

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 01:32	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 01:32	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 01:32	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 01:32	1
1,1-Dichloroethane	1.5		1.0		ug/L			08/26/16 01:32	1
1,1-Dichloroethane	2.0		1.0		ug/L			08/26/16 01:32	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 01:32	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:32	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 01:32	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 01:32	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:32	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 01:32	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 01:32	1
Bromobenzene	ND		1.0		ug/L			08/26/16 01:32	1
Bromoform	ND		1.0		ug/L			08/26/16 01:32	1
Bromomethane	ND		2.0		ug/L			08/26/16 01:32	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 01:32	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 01:32	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 01:32	1
Chloroethane	ND		2.0		ug/L			08/26/16 01:32	1
Chloroform	ND		1.0		ug/L			08/26/16 01:32	1
Chloromethane	ND		2.0		ug/L			08/26/16 01:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 01:32	1
Dibromomethane	ND		1.0		ug/L			08/26/16 01:32	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 01:32	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 01:32	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 01:32	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 01:32	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1032-20160824-01

Lab Sample ID: 480-104990-5

Date Collected: 08/24/16 09:15

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	6.9		1.0		ug/L			08/26/16 01:32	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 01:32	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130					08/26/16 01:32	1
Toluene-d8 (Surr)	93		70 - 130					08/26/16 01:32	1
4-Bromofluorobenzene (Surr)	103		70 - 130					08/26/16 01:32	1

Client Sample ID: MW-1035-20160824-01

Lab Sample ID: 480-104990-6

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0		ug/L			08/26/16 01:56	4
1,1,1-Trichloroethane	34		4.0		ug/L			08/26/16 01:56	4
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			08/26/16 01:56	4
1,1,2-Trichloroethane	ND		4.0		ug/L			08/26/16 01:56	4
1,1-Dichloroethane	ND		4.0		ug/L			08/26/16 01:56	4
1,1-Dichloroethene	ND		4.0		ug/L			08/26/16 01:56	4
1,2,3-Trichloropropane	ND		4.0		ug/L			08/26/16 01:56	4
1,2-Dichlorobenzene	ND		4.0		ug/L			08/26/16 01:56	4
1,2-Dichloroethane	ND		4.0		ug/L			08/26/16 01:56	4
1,2-Dichloropropane	ND		4.0		ug/L			08/26/16 01:56	4
1,3-Dichlorobenzene	ND		4.0		ug/L			08/26/16 01:56	4
1,4-Dichlorobenzene	ND		4.0		ug/L			08/26/16 01:56	4
2-Chloroethyl vinyl ether	ND		40		ug/L			08/26/16 01:56	4
Bromobenzene	ND		4.0		ug/L			08/26/16 01:56	4
Bromoform	ND		4.0		ug/L			08/26/16 01:56	4
Bromomethane	ND		8.0		ug/L			08/26/16 01:56	4
Carbon tetrachloride	ND *		4.0		ug/L			08/26/16 01:56	4
Chlorobenzene	ND		4.0		ug/L			08/26/16 01:56	4
Chlorodibromomethane	ND		2.0		ug/L			08/26/16 01:56	4
Chloroethane	ND		8.0		ug/L			08/26/16 01:56	4
Chloroform	ND		4.0		ug/L			08/26/16 01:56	4
Chloromethane	ND		8.0		ug/L			08/26/16 01:56	4
cis-1,2-Dichloroethene	ND		4.0		ug/L			08/26/16 01:56	4
Dibromomethane	ND		4.0		ug/L			08/26/16 01:56	4
Dichlorodifluoromethane	ND		4.0		ug/L			08/26/16 01:56	4
Methylene Chloride	ND		4.0		ug/L			08/26/16 01:56	4
Tetrachloroethene	ND		4.0		ug/L			08/26/16 01:56	4
trans-1,3-Dichloropropene	ND		1.6		ug/L			08/26/16 01:56	4
Trichloroethene	140		4.0		ug/L			08/26/16 01:56	4
Trichlorofluoromethane	ND		4.0		ug/L			08/26/16 01:56	4
Vinyl chloride	ND		4.0		ug/L			08/26/16 01:56	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130					08/26/16 01:56	4
Toluene-d8 (Surr)	94		70 - 130					08/26/16 01:56	4

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1035-20160824-01

Lab Sample ID: 480-104990-6

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		08/26/16 01:56	4

Client Sample ID: MW-1036-20160824-01

Lab Sample ID: 480-104990-7

Date Collected: 08/24/16 12:35

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 02:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 02:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 02:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 02:20	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 02:20	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 02:20	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 02:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:20	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 02:20	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 02:20	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 02:20	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 02:20	1
Bromobenzene	ND		1.0		ug/L			08/26/16 02:20	1
Bromoform	ND		1.0		ug/L			08/26/16 02:20	1
Bromomethane	ND		2.0		ug/L			08/26/16 02:20	1
Carbon tetrachloride	ND *		1.0		ug/L			08/26/16 02:20	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 02:20	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 02:20	1
Chloroethane	ND		2.0		ug/L			08/26/16 02:20	1
Chloroform	ND		1.0		ug/L			08/26/16 02:20	1
Chloromethane	ND		2.0		ug/L			08/26/16 02:20	1
cis-1,2-Dichloroethene	4.6		1.0		ug/L			08/26/16 02:20	1
Dibromomethane	ND		1.0		ug/L			08/26/16 02:20	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 02:20	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 02:20	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 02:20	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 02:20	1
Trichloroethene	11		1.0		ug/L			08/26/16 02:20	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 02:20	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		08/26/16 02:20	1
Toluene-d8 (Surr)	91		70 - 130		08/26/16 02:20	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 02:20	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1037-20160824-01

Lab Sample ID: 480-104990-8

Date Collected: 08/24/16 12:10

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			08/26/16 02:43	5
1,1,1-Trichloroethane	31		5.0		ug/L			08/26/16 02:43	5
1,1,2,2-Tetrachloroethane	ND		2.5		ug/L			08/26/16 02:43	5
1,1,2-Trichloroethane	ND		5.0		ug/L			08/26/16 02:43	5
1,1-Dichloroethane	ND		5.0		ug/L			08/26/16 02:43	5
1,1-Dichloroethene	ND		5.0		ug/L			08/26/16 02:43	5
1,2,3-Trichloropropane	ND		5.0		ug/L			08/26/16 02:43	5
1,2-Dichlorobenzene	ND		5.0		ug/L			08/26/16 02:43	5
1,2-Dichloroethane	ND		5.0		ug/L			08/26/16 02:43	5
1,2-Dichloropropane	ND		5.0		ug/L			08/26/16 02:43	5
1,3-Dichlorobenzene	ND		5.0		ug/L			08/26/16 02:43	5
1,4-Dichlorobenzene	ND		5.0		ug/L			08/26/16 02:43	5
2-Chloroethyl vinyl ether	ND		50		ug/L			08/26/16 02:43	5
Bromobenzene	ND		5.0		ug/L			08/26/16 02:43	5
Bromoform	ND		5.0		ug/L			08/26/16 02:43	5
Bromomethane	ND		10		ug/L			08/26/16 02:43	5
Carbon tetrachloride	ND *		5.0		ug/L			08/26/16 02:43	5
Chlorobenzene	ND		5.0		ug/L			08/26/16 02:43	5
Chlorodibromomethane	ND		2.5		ug/L			08/26/16 02:43	5
Chloroethane	ND		10		ug/L			08/26/16 02:43	5
Chloroform	ND		5.0		ug/L			08/26/16 02:43	5
Chloromethane	ND		10		ug/L			08/26/16 02:43	5
cis-1,2-Dichloroethene	ND		5.0		ug/L			08/26/16 02:43	5
Dibromomethane	ND		5.0		ug/L			08/26/16 02:43	5
Dichlorodifluoromethane	ND		5.0		ug/L			08/26/16 02:43	5
Methylene Chloride	ND		5.0		ug/L			08/26/16 02:43	5
Tetrachloroethene	ND		5.0		ug/L			08/26/16 02:43	5
trans-1,3-Dichloropropene	ND		2.0		ug/L			08/26/16 02:43	5
Trichloroethene	100		5.0		ug/L			08/26/16 02:43	5
Trichlorofluoromethane	ND		5.0		ug/L			08/26/16 02:43	5
Vinyl chloride	ND		5.0		ug/L			08/26/16 02:43	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 02:43	5
Toluene-d8 (Surr)	92		70 - 130		08/26/16 02:43	5
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/16 02:43	5

Client Sample ID: MW-1038-20160824-01

Lab Sample ID: 480-104990-9

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		20		ug/L			08/26/16 03:07	20
1,1,1-Trichloroethane	310		20		ug/L			08/26/16 03:07	20
1,1,2,2-Tetrachloroethane	ND		10		ug/L			08/26/16 03:07	20
1,1,2-Trichloroethane	ND		20		ug/L			08/26/16 03:07	20
1,1-Dichloroethane	ND		20		ug/L			08/26/16 03:07	20
1,1-Dichloroethene	ND		20		ug/L			08/26/16 03:07	20
1,2,3-Trichloropropane	ND		20		ug/L			08/26/16 03:07	20

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1038-20160824-01

Lab Sample ID: 480-104990-9

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		20		ug/L			08/26/16 03:07	20
1,2-Dichloroethane	ND		20		ug/L			08/26/16 03:07	20
1,2-Dichloropropane	ND		20		ug/L			08/26/16 03:07	20
1,3-Dichlorobenzene	ND		20		ug/L			08/26/16 03:07	20
1,4-Dichlorobenzene	ND		20		ug/L			08/26/16 03:07	20
2-Chloroethyl vinyl ether	ND		200		ug/L			08/26/16 03:07	20
Bromobenzene	ND		20		ug/L			08/26/16 03:07	20
Bromoform	ND		20		ug/L			08/26/16 03:07	20
Bromomethane	ND		40		ug/L			08/26/16 03:07	20
Carbon tetrachloride	ND	* F1	20		ug/L			08/26/16 03:07	20
Chlorobenzene	ND		20		ug/L			08/26/16 03:07	20
Chlorodibromomethane	ND		10		ug/L			08/26/16 03:07	20
Chloroethane	ND		40		ug/L			08/26/16 03:07	20
Chloroform	ND		20		ug/L			08/26/16 03:07	20
Chloromethane	ND		40		ug/L			08/26/16 03:07	20
cis-1,2-Dichloroethene	ND		20		ug/L			08/26/16 03:07	20
Dibromomethane	ND		20		ug/L			08/26/16 03:07	20
Dichlorodifluoromethane	ND		20		ug/L			08/26/16 03:07	20
Methylene Chloride	ND		20		ug/L			08/26/16 03:07	20
Tetrachloroethene	ND		20		ug/L			08/26/16 03:07	20
trans-1,3-Dichloropropene	ND		8.0		ug/L			08/26/16 03:07	20
Trichloroethene	1100	F1	20		ug/L			08/26/16 03:07	20
Trichlorofluoromethane	ND		20		ug/L			08/26/16 03:07	20
Vinyl chloride	ND		20		ug/L			08/26/16 03:07	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		70 - 130		08/26/16 03:07	20
Toluene-d8 (Surr)	95		70 - 130		08/26/16 03:07	20
4-Bromofluorobenzene (Surr)	102		70 - 130		08/26/16 03:07	20

Client Sample ID: MW-1039-20160824-01

Lab Sample ID: 480-104990-10

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 03:31	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 03:31	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 03:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 03:31	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 03:31	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 03:31	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 03:31	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:31	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 03:31	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 03:31	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:31	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:31	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 03:31	1
Bromobenzene	ND		1.0		ug/L			08/26/16 03:31	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1039-20160824-01

Lab Sample ID: 480-104990-10

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/26/16 03:31	1
Bromomethane	ND		2.0		ug/L			08/26/16 03:31	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 03:31	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 03:31	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 03:31	1
Chloroethane	ND		2.0		ug/L			08/26/16 03:31	1
Chloroform	ND		1.0		ug/L			08/26/16 03:31	1
Chloromethane	ND		2.0		ug/L			08/26/16 03:31	1
cis-1,2-Dichloroethene	29		1.0		ug/L			08/26/16 03:31	1
Dibromomethane	ND		1.0		ug/L			08/26/16 03:31	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 03:31	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 03:31	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 03:31	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 03:31	1
Trichloroethene	48		1.0		ug/L			08/26/16 03:31	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 03:31	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		08/26/16 03:31	1
Toluene-d8 (Surr)	91		70 - 130		08/26/16 03:31	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/26/16 03:31	1

Client Sample ID: DUP-005-20160824-01

Lab Sample ID: 480-104990-11

Date Collected: 08/24/16 12:12

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 03:55	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 03:55	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 03:55	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 03:55	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 03:55	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 03:55	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 03:55	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:55	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 03:55	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 03:55	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:55	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 03:55	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 03:55	1
Bromobenzene	ND		1.0		ug/L			08/26/16 03:55	1
Bromoform	ND		1.0		ug/L			08/26/16 03:55	1
Bromomethane	ND		2.0		ug/L			08/26/16 03:55	1
Carbon tetrachloride	ND	*	1.0		ug/L			08/26/16 03:55	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 03:55	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 03:55	1
Chloroethane	ND		2.0		ug/L			08/26/16 03:55	1
Chloroform	ND		1.0		ug/L			08/26/16 03:55	1

TestAmerica Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: DUP-005-20160824-01

Lab Sample ID: 480-104990-11

Date Collected: 08/24/16 12:12

Matrix: Water

Date Received: 08/25/16 02:00

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0		ug/L			08/26/16 03:55	1
cis-1,2-Dichloroethene	4.5		1.0		ug/L			08/26/16 03:55	1
Dibromomethane	ND		1.0		ug/L			08/26/16 03:55	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 03:55	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 03:55	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 03:55	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 03:55	1
Trichloroethene	10		1.0		ug/L			08/26/16 03:55	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 03:55	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130		08/26/16 03:55	1
Toluene-d8 (Surr)	92		70 - 130		08/26/16 03:55	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/26/16 03:55	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		12DCE (70-130)	12DCE (70-130)	TOL (70-130)	TOL (70-130)	BFB (70-130)	BFB (70-130)
480-104990-1	MW-1011-20160824-01	117	117	91	91	102	102
480-104990-2	MW-1018-20160824-01	117	117	92	92	97	97
480-104990-3	MW-1020-20160824-01	114	114	92	92	101	101
480-104990-4	MW-1026D-20160824-01	110	110	95	95	102	102
480-104990-5	MW-1032-20160824-01	115	115	93	93	103	103
480-104990-6	MW-1035-20160824-01	113	113	94	94	103	103
480-104990-7	MW-1036-20160824-01	112	112	91	91	98	98
480-104990-8	MW-1037-20160824-01	115	115	92	92	98	98
480-104990-9	MW-1038-20160824-01	118	118	95	95	102	102
480-104990-9 MS	MW-1038-20160824-01	113	113	94	94	100	100
480-104990-9 MSD	MW-1038-20160824-01	112	112	92	92	101	101
480-104990-10	MW-1039-20160824-01	109	109	91	91	99	99
480-104990-11	DUP-005-20160824-01	117	117	92	92	100	100
LCS 480-317749/5	Lab Control Sample	116	116	93	93	100	100
LCS 480-317839/4	Lab Control Sample	112	112	94	94	102	102
LCSD 480-317749/26	Lab Control Sample Dup	113	113	94	94	105	105
LCSD 480-317839/5	Lab Control Sample Dup	110	110	93	93	104	104
MB 480-317749/7	Method Blank	114	114	91	91	99	99
MB 480-317839/7	Method Blank	115	115	91	91	101	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-317749/7

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/16 22:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1-Dichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,1-Dichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichloroethane	ND		1.0		ug/L			08/25/16 22:58	1
1,2-Dichloropropane	ND		1.0		ug/L			08/25/16 22:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/25/16 22:58	1
Bromobenzene	ND		1.0		ug/L			08/25/16 22:58	1
Bromoform	ND		1.0		ug/L			08/25/16 22:58	1
Bromomethane	ND		2.0		ug/L			08/25/16 22:58	1
Carbon tetrachloride	ND		1.0		ug/L			08/25/16 22:58	1
Chlorobenzene	ND		1.0		ug/L			08/25/16 22:58	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/16 22:58	1
Chloroethane	ND		2.0		ug/L			08/25/16 22:58	1
Chloroform	ND		1.0		ug/L			08/25/16 22:58	1
Chloromethane	ND		2.0		ug/L			08/25/16 22:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
Dibromomethane	ND		1.0		ug/L			08/25/16 22:58	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/25/16 22:58	1
Methylene Chloride	ND		1.0		ug/L			08/25/16 22:58	1
Tetrachloroethene	ND		1.0		ug/L			08/25/16 22:58	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/25/16 22:58	1
Trichloroethene	ND		1.0		ug/L			08/25/16 22:58	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/16 22:58	1
Vinyl chloride	ND		1.0		ug/L			08/25/16 22:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		08/25/16 22:58	1
Toluene-d8 (Surr)	91		70 - 130		08/25/16 22:58	1
4-Bromofluorobenzene (Surr)	99		70 - 130		08/25/16 22:58	1

Lab Sample ID: LCS 480-317749/5

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L		103	70 - 130
1,1,1-Trichloroethane	25.0	29.0		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	70 - 130
1,1-Dichloroethane	25.0	26.9		ug/L		108	70 - 130
1,1-Dichloroethene	25.0	25.3		ug/L		101	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-317749/5

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	25.0	24.1		ug/L		96	70 - 130
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	28.7		ug/L		115	70 - 130
1,2-Dichloropropane	25.0	24.9		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
2-Chloroethyl vinyl ether	25.0	25.3		ug/L		101	70 - 130
Bromobenzene	25.0	23.8		ug/L		95	70 - 130
Bromoform	25.0	27.7		ug/L		111	70 - 130
Bromomethane	25.0	23.6		ug/L		94	70 - 130
Carbon tetrachloride	25.0	31.3		ug/L		125	70 - 130
Chlorobenzene	25.0	22.5		ug/L		90	70 - 130
Chlorodibromomethane	25.0	27.4		ug/L		110	70 - 130
Chloroethane	25.0	23.7		ug/L		95	70 - 130
Chloroform	25.0	26.0		ug/L		104	70 - 130
Chloromethane	25.0	22.7		ug/L		91	70 - 130
cis-1,2-Dichloroethane	25.0	26.6		ug/L		106	70 - 130
Dibromomethane	25.0	27.2		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	21.1		ug/L		84	70 - 130
Methylene Chloride	25.0	24.5		ug/L		98	70 - 130
Tetrachloroethene	25.0	22.9		ug/L		92	70 - 130
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	70 - 130
Trichloroethene	25.0	27.2		ug/L		109	70 - 130
Trichlorofluoromethane	25.0	25.0		ug/L		100	70 - 130
Vinyl chloride	25.0	22.1		ug/L		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 480-317749/26

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	8	20
1,1,1-Trichloroethane	25.0	30.4		ug/L		121	70 - 130	4	20
1,1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	70 - 130	5	20
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	70 - 130	7	20
1,1-Dichloroethane	25.0	28.3		ug/L		113	70 - 130	5	20
1,1-Dichloroethane	25.0	27.3		ug/L		109	70 - 130	8	20
1,2,3-Trichloropropane	25.0	24.2		ug/L		97	70 - 130	1	20
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	4	20
1,2-Dichloroethane	25.0	28.1		ug/L		113	70 - 130	2	20
1,2-Dichloropropane	25.0	26.8		ug/L		107	70 - 130	8	20
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	3	20
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	3	20

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-317749/26

Matrix: Water

Analysis Batch: 317749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloroethyl vinyl ether	25.0	24.1		ug/L		97	70 - 130	5	20
Bromobenzene	25.0	24.7		ug/L		99	70 - 130	4	20
Bromoform	25.0	26.8		ug/L		107	70 - 130	3	20
Bromomethane	25.0	23.7		ug/L		95	70 - 130	0	20
Carbon tetrachloride	25.0	32.7	*	ug/L		131	70 - 130	5	20
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	10	20
Chlorodibromomethane	25.0	29.2		ug/L		117	70 - 130	6	20
Chloroethane	25.0	25.0		ug/L		100	70 - 130	5	20
Chloroform	25.0	27.0		ug/L		108	70 - 130	4	20
Chloromethane	25.0	23.9		ug/L		96	70 - 130	5	20
cis-1,2-Dichloroethene	25.0	27.5		ug/L		110	70 - 130	3	20
Dibromomethane	25.0	28.0		ug/L		112	70 - 130	3	20
Dichlorodifluoromethane	25.0	22.5		ug/L		90	70 - 130	6	20
Methylene Chloride	25.0	24.6		ug/L		98	70 - 130	0	20
Tetrachloroethene	25.0	25.5		ug/L		102	70 - 130	11	20
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	70 - 130	4	20
Trichloroethene	25.0	27.9		ug/L		112	70 - 130	3	20
Trichlorofluoromethane	25.0	26.3		ug/L		105	70 - 130	5	20
Vinyl chloride	25.0	24.1		ug/L		97	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 480-104990-9 MS

Matrix: Water

Analysis Batch: 317749

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		500	537		ug/L		107	70 - 130
1,1,1-Trichloroethane	310		500	869		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	ND		500	460		ug/L		92	70 - 130
1,1,2-Trichloroethane	ND		500	451		ug/L		90	70 - 130
1,1-Dichloroethane	ND		500	562		ug/L		112	70 - 130
1,1-Dichloroethene	ND		500	535		ug/L		104	70 - 130
1,2,3-Trichloropropane	ND		500	464		ug/L		93	70 - 130
1,2-Dichlorobenzene	ND		500	483		ug/L		97	70 - 130
1,2-Dichloroethane	ND		500	594		ug/L		119	70 - 130
1,2-Dichloropropane	ND		500	521		ug/L		104	70 - 130
1,3-Dichlorobenzene	ND		500	500		ug/L		100	70 - 130
1,4-Dichlorobenzene	ND		500	498		ug/L		100	70 - 130
2-Chloroethyl vinyl ether	ND		500	477		ug/L		95	70 - 130
Bromobenzene	ND		500	472		ug/L		94	70 - 130
Bromoform	ND		500	555		ug/L		111	70 - 130
Bromomethane	ND		500	503		ug/L		101	70 - 130
Carbon tetrachloride	ND	* F1	500	668	F1	ug/L		134	70 - 130
Chlorobenzene	ND		500	474		ug/L		95	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-104990-9 MS

Matrix: Water

Analysis Batch: 317749

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chlorodibromomethane	ND		500	566		ug/L		113	70 - 130
Chloroethane	ND		500	519		ug/L		104	70 - 130
Chloroform	ND		500	544		ug/L		109	70 - 130
Chloromethane	ND		500	486		ug/L		97	70 - 130
cis-1,2-Dichloroethene	ND		500	538		ug/L		108	70 - 130
Dibromomethane	ND		500	558		ug/L		112	70 - 130
Dichlorodifluoromethane	ND		500	467		ug/L		93	70 - 130
Methylene Chloride	ND		500	483		ug/L		97	70 - 130
Tetrachloroethene	ND		500	477		ug/L		95	70 - 130
trans-1,3-Dichloropropene	ND		500	464		ug/L		93	70 - 130
Trichloroethene	1100	F1	500	1390	F1	ug/L		63	70 - 130
Trichlorofluoromethane	ND		500	562		ug/L		112	70 - 130
Vinyl chloride	ND		500	469		ug/L		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 480-104990-9 MSD

Matrix: Water

Analysis Batch: 317749

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		500	507		ug/L		101	70 - 130	6	20
1,1,1-Trichloroethane	310		500	831		ug/L		104	70 - 130	4	20
1,1,2,2-Tetrachloroethane	ND		500	455		ug/L		91	70 - 130	1	20
1,1,2-Trichloroethane	ND		500	444		ug/L		89	70 - 130	1	20
1,1-Dichloroethane	ND		500	542		ug/L		108	70 - 130	4	20
1,1-Dichloroethene	ND		500	522		ug/L		102	70 - 130	2	20
1,2,3-Trichloropropane	ND		500	480		ug/L		96	70 - 130	3	20
1,2-Dichlorobenzene	ND		500	489		ug/L		98	70 - 130	1	20
1,2-Dichloroethane	ND		500	558		ug/L		112	70 - 130	6	20
1,2-Dichloropropane	ND		500	508		ug/L		102	70 - 130	3	20
1,3-Dichlorobenzene	ND		500	489		ug/L		98	70 - 130	2	20
1,4-Dichlorobenzene	ND		500	495		ug/L		99	70 - 130	1	20
2-Chloroethyl vinyl ether	ND		500	472		ug/L		94	70 - 130	1	20
Bromobenzene	ND		500	471		ug/L		94	70 - 130	0	20
Bromoform	ND		500	529		ug/L		106	70 - 130	5	20
Bromomethane	ND		500	500		ug/L		100	70 - 130	1	20
Carbon tetrachloride	ND	* F1	500	624		ug/L		125	70 - 130	7	20
Chlorobenzene	ND		500	464		ug/L		93	70 - 130	2	20
Chlorodibromomethane	ND		500	546		ug/L		109	70 - 130	4	20
Chloroethane	ND		500	478		ug/L		96	70 - 130	8	20
Chloroform	ND		500	521		ug/L		104	70 - 130	4	20
Chloromethane	ND		500	461		ug/L		92	70 - 130	5	20
cis-1,2-Dichloroethene	ND		500	521		ug/L		104	70 - 130	3	20
Dibromomethane	ND		500	542		ug/L		108	70 - 130	3	20

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-104990-9 MSD

Matrix: Water

Analysis Batch: 317749

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Dichlorodifluoromethane	ND		500	455		ug/L		91	70 - 130	3	20
Methylene Chloride	ND		500	464		ug/L		93	70 - 130	4	20
Tetrachloroethene	ND		500	459		ug/L		92	70 - 130	4	20
trans-1,3-Dichloropropene	ND		500	460		ug/L		92	70 - 130	1	20
Trichloroethene	1100	F1	500	1320	F1	ug/L		49	70 - 130	6	20
Trichlorofluoromethane	ND		500	542		ug/L		108	70 - 130	4	20
Vinyl chloride	ND		500	459		ug/L		92	70 - 130	2	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 480-104990-9 MS

Matrix: Water

Analysis Batch: 317750

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 480-104990-9 MSD

Matrix: Water

Analysis Batch: 317750

Client Sample ID: MW-1038-20160824-01

Prep Type: Total/NA

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 480-317839/7

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1,1-Trichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/26/16 11:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1-Dichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,1-Dichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
1,2,3-Trichloropropane	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichloroethane	ND		1.0		ug/L			08/26/16 11:19	1
1,2-Dichloropropane	ND		1.0		ug/L			08/26/16 11:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-317839/7

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
2-Chloroethyl vinyl ether	ND		10		ug/L			08/26/16 11:19	1
Bromobenzene	ND		1.0		ug/L			08/26/16 11:19	1
Bromoform	ND		1.0		ug/L			08/26/16 11:19	1
Bromomethane	ND		2.0		ug/L			08/26/16 11:19	1
Carbon tetrachloride	ND		1.0		ug/L			08/26/16 11:19	1
Chlorobenzene	ND		1.0		ug/L			08/26/16 11:19	1
Chlorodibromomethane	ND		0.50		ug/L			08/26/16 11:19	1
Chloroethane	ND		2.0		ug/L			08/26/16 11:19	1
Chloroform	ND		1.0		ug/L			08/26/16 11:19	1
Chloromethane	ND		2.0		ug/L			08/26/16 11:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
Dibromomethane	ND		1.0		ug/L			08/26/16 11:19	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/26/16 11:19	1
Methylene Chloride	ND		1.0		ug/L			08/26/16 11:19	1
Tetrachloroethene	ND		1.0		ug/L			08/26/16 11:19	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			08/26/16 11:19	1
Trichloroethene	ND		1.0		ug/L			08/26/16 11:19	1
Trichlorofluoromethane	ND		1.0		ug/L			08/26/16 11:19	1
Vinyl chloride	ND		1.0		ug/L			08/26/16 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		08/26/16 11:19	1
Toluene-d8 (Surr)	91		70 - 130		08/26/16 11:19	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/26/16 11:19	1

Lab Sample ID: LCS 480-317839/4

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,1-Trichloroethane	25.0	30.8		ug/L		123	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1-Dichloroethane	25.0	27.7		ug/L		111	70 - 130
1,1-Dichloroethene	25.0	27.2		ug/L		109	70 - 130
1,2,3-Trichloropropane	25.0	24.1		ug/L		97	70 - 130
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	28.2		ug/L		113	70 - 130
1,2-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	70 - 130
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
2-Chloroethyl vinyl ether	25.0	24.4		ug/L		98	70 - 130
Bromobenzene	25.0	24.4		ug/L		97	70 - 130
Bromoform	25.0	28.1		ug/L		112	70 - 130
Bromomethane	25.0	24.5		ug/L		98	70 - 130
Carbon tetrachloride	25.0	33.3	*	ug/L		133	70 - 130

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-317839/4

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130
Chlorodibromomethane	25.0	28.0		ug/L		112	70 - 130
Chloroethane	25.0	25.1		ug/L		101	70 - 130
Chloroform	25.0	27.1		ug/L		108	70 - 130
Chloromethane	25.0	22.8		ug/L		91	70 - 130
cis-1,2-Dichloroethene	25.0	27.1		ug/L		109	70 - 130
Dibromomethane	25.0	27.0		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	19.7		ug/L		79	70 - 130
Methylene Chloride	25.0	25.3		ug/L		101	70 - 130
Tetrachloroethene	25.0	25.8		ug/L		103	70 - 130
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	27.5		ug/L		110	70 - 130
Trichlorofluoromethane	25.0	26.7		ug/L		107	70 - 130
Vinyl chloride	25.0	23.2		ug/L		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 480-317839/5

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	26.2		ug/L		105	70 - 130	2	20
1,1,1-Trichloroethane	25.0	29.6		ug/L		119	70 - 130	4	20
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 130	2	20
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	70 - 130	1	20
1,1-Dichloroethane	25.0	27.1		ug/L		108	70 - 130	2	20
1,1-Dichloroethene	25.0	24.6		ug/L		99	70 - 130	10	20
1,2,3-Trichloropropane	25.0	22.9		ug/L		91	70 - 130	5	20
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130	5	20
1,2-Dichloroethane	25.0	28.4		ug/L		113	70 - 130	1	20
1,2-Dichloropropane	25.0	25.6		ug/L		102	70 - 130	4	20
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	7	20
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	70 - 130	6	20
2-Chloroethyl vinyl ether	25.0	24.4		ug/L		97	70 - 130	0	20
Bromobenzene	25.0	23.5		ug/L		94	70 - 130	3	20
Bromoform	25.0	28.7		ug/L		115	70 - 130	2	20
Bromomethane	25.0	22.6		ug/L		91	70 - 130	8	20
Carbon tetrachloride	25.0	31.2		ug/L		125	70 - 130	6	20
Chlorobenzene	25.0	24.0		ug/L		96	70 - 130	2	20
Chlorodibromomethane	25.0	27.6		ug/L		110	70 - 130	2	20
Chloroethane	25.0	23.7		ug/L		95	70 - 130	6	20
Chloroform	25.0	26.1		ug/L		104	70 - 130	4	20
Chloromethane	25.0	21.3		ug/L		85	70 - 130	7	20
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	70 - 130	3	20

TestAmerica Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-317839/5

Matrix: Water

Analysis Batch: 317839

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier				Limits		
Dibromomethane	25.0	27.0		ug/L		108	70 - 130	0	20
Dichlorodifluoromethane	25.0	17.9		ug/L		72	70 - 130	9	20
Methylene Chloride	25.0	24.2		ug/L		97	70 - 130	5	20
Tetrachloroethene	25.0	24.5		ug/L		98	70 - 130	5	20
trans-1,3-Dichloropropene	25.0	24.2		ug/L		97	70 - 130	1	20
Trichloroethene	25.0	27.5		ug/L		110	70 - 130	0	20
Trichlorofluoromethane	25.0	24.5		ug/L		98	70 - 130	9	20
Vinyl chloride	25.0	21.1		ug/L		84	70 - 130	9	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Association Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

GC/MS VOA

Analysis Batch: 317749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104990-1	MW-1011-20160824-01	Total/NA	Water	8260C	
480-104990-3	MW-1020-20160824-01	Total/NA	Water	8260C	
480-104990-4	MW-1026D-20160824-01	Total/NA	Water	8260C	
480-104990-5	MW-1032-20160824-01	Total/NA	Water	8260C	
480-104990-6	MW-1035-20160824-01	Total/NA	Water	8260C	
480-104990-7	MW-1036-20160824-01	Total/NA	Water	8260C	
480-104990-8	MW-1037-20160824-01	Total/NA	Water	8260C	
480-104990-9	MW-1038-20160824-01	Total/NA	Water	8260C	
480-104990-10	MW-1039-20160824-01	Total/NA	Water	8260C	
480-104990-11	DUP-005-20160824-01	Total/NA	Water	8260C	
MB 480-317749/7	Method Blank	Total/NA	Water	8260C	
LCS 480-317749/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-317749/26	Lab Control Sample Dup	Total/NA	Water	8260C	
480-104990-9 MS	MW-1038-20160824-01	Total/NA	Water	8260C	
480-104990-9 MSD	MW-1038-20160824-01	Total/NA	Water	8260C	

Analysis Batch: 317750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104990-9 MS	MW-1038-20160824-01	Total/NA	Water	8260C	
480-104990-9 MSD	MW-1038-20160824-01	Total/NA	Water	8260C	

Analysis Batch: 317839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104990-2	MW-1018-20160824-01	Total/NA	Water	8260C	
MB 480-317839/7	Method Blank	Total/NA	Water	8260C	
LCS 480-317839/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-317839/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1011-20160824-01

Lab Sample ID: 480-104990-1

Date Collected: 08/24/16 11:20

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/25/16 23:55	GTG	TAL BUF

Client Sample ID: MW-1018-20160824-01

Lab Sample ID: 480-104990-2

Date Collected: 08/24/16 13:10

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317839	08/26/16 15:23	RRS	TAL BUF

Client Sample ID: MW-1020-20160824-01

Lab Sample ID: 480-104990-3

Date Collected: 08/24/16 09:55

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 00:43	GTG	TAL BUF

Client Sample ID: MW-1026D-20160824-01

Lab Sample ID: 480-104990-4

Date Collected: 08/24/16 09:45

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 01:07	GTG	TAL BUF

Client Sample ID: MW-1032-20160824-01

Lab Sample ID: 480-104990-5

Date Collected: 08/24/16 09:15

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 01:32	GTG	TAL BUF

Client Sample ID: MW-1035-20160824-01

Lab Sample ID: 480-104990-6

Date Collected: 08/24/16 12:45

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	317749	08/26/16 01:56	GTG	TAL BUF

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Client Sample ID: MW-1036-20160824-01

Lab Sample ID: 480-104990-7

Date Collected: 08/24/16 12:35

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 02:20	GTG	TAL BUF

Client Sample ID: MW-1037-20160824-01

Lab Sample ID: 480-104990-8

Date Collected: 08/24/16 12:10

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	317749	08/26/16 02:43	GTG	TAL BUF

Client Sample ID: MW-1038-20160824-01

Lab Sample ID: 480-104990-9

Date Collected: 08/24/16 12:00

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	317749	08/26/16 03:07	GTG	TAL BUF

Client Sample ID: MW-1039-20160824-01

Lab Sample ID: 480-104990-10

Date Collected: 08/24/16 11:30

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 03:31	GTG	TAL BUF

Client Sample ID: DUP-005-20160824-01

Lab Sample ID: 480-104990-11

Date Collected: 08/24/16 12:12

Matrix: Water

Date Received: 08/25/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317749	08/26/16 03:55	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ERM-Northeast
 Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-17
California	State Program	9	1169CA	09-30-17
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-17
Georgia	State Program	4	N/A	03-31-17
Georgia	State Program	4	956	03-31-17
Illinois	NELAP	5	200003	09-30-16
Iowa	State Program	7	374	03-01-17
Kansas	NELAP	7	E-10187	10-31-16
Kentucky (DW)	State Program	4	90029	12-31-16
Kentucky (UST)	State Program	4	30	03-31-17
Kentucky (WW)	State Program	4	90029	12-31-16
Louisiana	NELAP	6	02031	06-30-17
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-17
Massachusetts	State Program	1	M-NY044	06-30-17
Michigan	State Program	5	9937	03-31-16 *
Minnesota	NELAP	5	036-999-337	12-31-16
New Hampshire	NELAP Primary AB	1	2973	09-11-16
New Hampshire	NELAP Secondary AB	1	2337	11-17-16
New Jersey	NELAP	2	NY455	06-30-17
New York	NELAP	2	10026	03-31-17
North Dakota	State Program	8	R-176	03-31-17
Oklahoma	State Program	6	9421	08-31-16
Oregon	NELAP	10	NY200003	06-09-17
Pennsylvania	NELAP	3	68-00281	07-31-17
Rhode Island	State Program	1	LAO00328	12-30-16
Tennessee	State Program	4	TN02970	03-31-17
Texas	NELAP	6	T104704412-15-6	07-31-17
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-16
Washington	State Program	10	C784	02-10-17
West Virginia DEP	State Program	3	252	09-30-16
Wisconsin	State Program	5	998310390	08-31-16

* Certification renewal pending - certification considered valid.

Method Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	MA DEP	TAL BUF

Protocol References:

MA DEP = Massachusetts Department Of Environmental Protection

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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- 2
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Sample Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-104990-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-104990-1	MW-1011-20160824-01	Water	08/24/16 11:20	08/25/16 02:00
480-104990-2	MW-1018-20160824-01	Water	08/24/16 13:10	08/25/16 02:00
480-104990-3	MW-1020-20160824-01	Water	08/24/16 09:55	08/25/16 02:00
480-104990-4	MW-1026D-20160824-01	Water	08/24/16 09:45	08/25/16 02:00
480-104990-5	MW-1032-20160824-01	Water	08/24/16 09:15	08/25/16 02:00
480-104990-6	MW-1035-20160824-01	Water	08/24/16 12:45	08/25/16 02:00
480-104990-7	MW-1036-20160824-01	Water	08/24/16 12:35	08/25/16 02:00
480-104990-8	MW-1037-20160824-01	Water	08/24/16 12:10	08/25/16 02:00
480-104990-9	MW-1038-20160824-01	Water	08/24/16 12:00	08/25/16 02:00
480-104990-10	MW-1039-20160824-01	Water	08/24/16 11:30	08/25/16 02:00
480-104990-11	DUP-005-20160824-01	Water	08/24/16 12:12	08/25/16 02:00



Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-104990-1

Login Number: 104990

List Source: TestAmerica Buffalo

List Number: 1

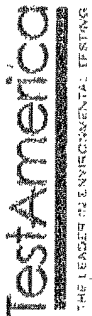
Creator: Conway, Curtis R

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	erm
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica Buffalo
 10 Hazelwood Drive
 Amherst, NY 14228-2298
 Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

360325-Boston



Client Information		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Lyndsey Colburn		Mason, Becky C				480-86051-21030.2	
Company: ERM-Northeast		E-Mail: becky.mason@testamericainc.com				Page: <u>1</u> of <u>2</u>	
Address: One Beacon Street 5th Floor		Due Date Requested: Standard TAT		Analysis Requested		Job #: 0321744	
City: Boston		TAT Requested (days): 7 days				Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone	
State Zin: MA, 02108		PO #: Purchase Order not required				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone: 617-646-7800		WO #: 0321744				820MCP - VOC 8010 list 622 MOD - 1,4 Dioxane 522	
Email: lyndsey.colburn@erm.com, elise.leblanc@erm.com		Project #: 48007117				Total Number of Containers: <u>2</u>	
IDS Wayland		SSOW #: 105 wayland				Special Instructions/Note: 480-104980 COC	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (w=water, s=solid, o=waste/oil, t=tissue, a=air)	Field Filtered Sample (Yes or No)	Form MS/MSD (Yes or No)
MW-1011-20160824-01	8/24/16	1120	G	Water		X	X
MW-1018-20160824-01		1310		Water		X	X
MW-1020-20160824-01		0955		Water		X	X
MW-1026D-20160824-01		0945		Water		X	X
MW-1032-20160824-01		0915		Water		X	X
MW-1035-20160824-01		1245		Water		X	X
MW-1036-20160824-01		1235		Water		X	X
MW-1037-20160824-01		1210		Water		X	X
MW-1038-20160824-01		1200		Water		X	X
MW-1039-20160824-01		1130		Water		X	X
DUP-005-20160824-01		1212	↓	Water		X	X

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input checked="" type="checkbox"/> Return To Client	<input type="checkbox"/> Archive For _____ Months
<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<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:	Method of Shipment:
Relinquished by: <u>[Signature]</u>	8/29/16 1445	Company: <u>ERM</u>
Relinquished by: <u>[Signature]</u>	8/24/16 1515	Company: <u>TA</u>
Relinquished by: <u>[Signature]</u>		Company: <u>[Signature]</u>

Custody Seals Intact:	Custody Seal No.:
<input type="checkbox"/> Yes <input type="checkbox"/> No	30



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

Tel: (802)660-1990

TestAmerica Job ID: 200-35035-2

Client Project/Site: IDS Wayland

For:

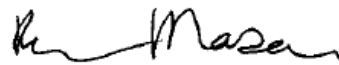
ERM-Northeast

One Beacon Steet

5th Floor

Boston, Massachusetts 02108

Attn: Lyndsey Colburn



Authorized for release by:

9/2/2016 9:05:57 AM

Becky Mason, Project Manager II

(413)572-4000

becky.mason@testamericainc.com

LINKS

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www.testamericainc.com

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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

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: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Job ID: 200-35035-2

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-35035-2

Receipt

The samples were received on 8/27/2016 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS Semi VOA

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

Organic Prep

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



Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Client Sample ID: MW-1026D-20160826-01

Lab Sample ID: 200-35035-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.37		0.20		ug/L	1		522	Total/NA

Client Sample ID: MW-1020-20160826-01

Lab Sample ID: 200-35035-9

No Detections.

Client Sample ID: MW-1011-20160826-01

Lab Sample ID: 200-35035-10

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Burlington



Client Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Client Sample ID: MW-1026D-20160826-01

Lab Sample ID: 200-35035-8

Date Collected: 08/26/16 08:20

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.37		0.20		ug/L		08/29/16 19:30	08/31/16 15:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	78		70 - 130				08/29/16 19:30	08/31/16 15:55	1

Client Sample ID: MW-1020-20160826-01

Lab Sample ID: 200-35035-9

Date Collected: 08/26/16 08:30

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	78		70 - 130				08/29/16 19:30	08/31/16 16:33	1

Client Sample ID: MW-1011-20160826-01

Lab Sample ID: 200-35035-10

Date Collected: 08/26/16 08:45

Matrix: Water

Date Received: 08/27/16 09:45

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/31/16 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	71		70 - 130				08/29/16 19:30	08/31/16 16:53	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	14DD8 (70-130)
200-35035-8	MW-1026D-20160826-01	78
200-35035-9	MW-1020-20160826-01	78
200-35035-10	MW-1011-20160826-01	71
LCS 200-108692/2-A	Lab Control Sample	93
MB 200-108692/1-A	Method Blank	87

Surrogate Legend

14DD8 = 1,4-Dioxane-d8 (Surr)

- 1
- 2
- 3
- 4
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- 10
- 11
- 12
- 13
- 14
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QC Sample Results

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Lab Sample ID: MB 200-108692/1-A
Matrix: Water
Analysis Batch: 108712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20		ug/L		08/29/16 19:30	08/30/16 13:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	87		70 - 130				08/29/16 19:30	08/30/16 13:58	1

Lab Sample ID: LCS 200-108692/2-A
Matrix: Water
Analysis Batch: 108712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,4-Dioxane	8.00	7.16		ug/L		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	93		70 - 130				

QC Association Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

GC/MS Semi VOA

Prep Batch: 108692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-35035-8	MW-1026D-20160826-01	Total/NA	Water	3535A	
200-35035-9	MW-1020-20160826-01	Total/NA	Water	3535A	
200-35035-10	MW-1011-20160826-01	Total/NA	Water	3535A	
MB 200-108692/1-A	Method Blank	Total/NA	Water	3535A	
LCS 200-108692/2-A	Lab Control Sample	Total/NA	Water	3535A	

Analysis Batch: 108712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 200-108692/1-A	Method Blank	Total/NA	Water	522	108692
LCS 200-108692/2-A	Lab Control Sample	Total/NA	Water	522	108692

Analysis Batch: 108748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-35035-8	MW-1026D-20160826-01	Total/NA	Water	522	108692
200-35035-9	MW-1020-20160826-01	Total/NA	Water	522	108692
200-35035-10	MW-1011-20160826-01	Total/NA	Water	522	108692

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Client Sample ID: MW-1026D-20160826-01

Lab Sample ID: 200-35035-8

Date Collected: 08/26/16 08:20

Matrix: Water

Date Received: 08/27/16 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 15:55	P1M	TAL BUR

Client Sample ID: MW-1020-20160826-01

Lab Sample ID: 200-35035-9

Date Collected: 08/26/16 08:30

Matrix: Water

Date Received: 08/27/16 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 16:33	P1M	TAL BUR

Client Sample ID: MW-1011-20160826-01

Lab Sample ID: 200-35035-10

Date Collected: 08/26/16 08:45

Matrix: Water

Date Received: 08/27/16 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535A			108692	08/29/16 19:30	BDL	TAL BUR
Total/NA	Analysis	522		1	108748	08/31/16 16:53	P1M	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-02-17
Florida	NELAP	4	E87467	06-30-17
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-16
New Hampshire	NELAP	1	2006	12-18-16
New Jersey	NELAP	2	VT972	06-30-17
New York	NELAP	2	10391	04-01-17
Pennsylvania	NELAP	3	68-00489	04-30-17
Rhode Island	State Program	1	LAO00298	12-30-16
US Fish & Wildlife	Federal		LE-058448-0	10-31-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-16
Virginia	NELAP	3	460209	12-14-16

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-17
California	State Program	9	1169CA	09-30-17
Connecticut	State Program	1	PH-0568	09-30-16 *
Florida	NELAP	4	E87672	06-30-17
Georgia	State Program	4	N/A	03-31-17
Georgia	State Program	4	956	03-31-17
Illinois	NELAP	5	200003	09-30-16 *
Iowa	State Program	7	374	03-01-17
Kansas	NELAP	7	E-10187	10-31-16
Kentucky (DW)	State Program	4	90029	12-31-16
Kentucky (UST)	State Program	4	30	03-31-17
Kentucky (WW)	State Program	4	90029	12-31-16
Louisiana	NELAP	6	02031	06-30-17
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-17
Massachusetts	State Program	1	M-NY044	06-30-17
Michigan	State Program	5	9937	03-31-16 *
Minnesota	NELAP	5	036-999-337	12-31-16
New Hampshire	NELAP Primary AB	1	2973	09-11-16 *
New Hampshire	NELAP Secondary AB	1	2337	11-17-16
New Jersey	NELAP	2	NY455	06-30-17
New York	NELAP	2	10026	03-31-17
North Dakota	State Program	8	R-176	03-31-17
Oklahoma	State Program	6	9421	08-31-16 *
Oregon	NELAP	10	NY200003	06-09-17
Pennsylvania	NELAP	3	68-00281	07-31-17
Rhode Island	State Program	1	LAO00328	12-30-16
Tennessee	State Program	4	TN02970	03-31-17
Texas	NELAP	6	T104704412-15-6	07-31-17
USDA	Federal		P330-11-00386	11-26-17

* Certification renewal pending - certification considered valid.

TestAmerica Burlington

Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Laboratory: TestAmerica Buffalo (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Virginia	NELAP	3	460185	09-14-16 *
Washington	State Program	10	C784	02-10-17
West Virginia DEP	State Program	3	252	09-30-16 *
Wisconsin	State Program	5	998310390	08-31-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Burlington



Method Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Method	Method Description	Protocol	Laboratory
522	1,4 Dioxane (GC/MS SIM)	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990



Sample Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 200-35035-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-35035-8	MW-1026D-20160826-01	Water	08/26/16 08:20	08/27/16 09:45
200-35035-9	MW-1020-20160826-01	Water	08/26/16 08:30	08/27/16 09:45
200-35035-10	MW-1011-20160826-01	Water	08/26/16 08:45	08/27/16 09:45

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Client Information Client Contact: <u>Joe Klement</u> Company: <u>ERM-Northeast</u> Address: <u>One Beacon Steet 5th Floor</u> City: <u>Boston</u> State, Zip: <u>MA, 02108</u> Phone: <u>617-646-7800</u> Email: <u>Joe.Klement@erm.com</u> Project Name: <u>Wayland</u> Site: <u>Wayland</u>		Lab PVI: <u>Mason, Becky C</u> E-Mail: <u>becky.mason@testamericainc.com</u> Carrier Tracking No(s):		COC No: <u>480-58452-15333.5</u> Page: <u>1</u> of <u>1</u> Job #:				
Due Date Requested: TAT Requested (days): <u>standard</u> PO #: <u>0321744</u> Purchase Order not required Project #: <u>48007496</u> SSOV#:		Analysis Requested 6010MCP - (MOD) 6010 MCP Custom analyte list 300.0_28D - Sulfate 8260B - (MOD) Pick a reference price Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)						
Sample Identification <u>MW-10260-20160826-01</u> <u>MW-1020-20160826-01</u> <u>MW-1011-20160826-01</u>		Sample Date <u>8/20/16</u> <u>0830</u> <u>0845</u>	Sample Time <u>0820</u> <u>0830</u> <u>0845</u>	Sample Type (C=Comp, G=grab) <u>G</u> <u>↓</u> <u>↓</u>	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air) Water Water Water Water Water Water Water Water Water	Preservation Code: Water Water Water Water Water Water Water Water Water	Total Number of Containers 1 1 1	Special Instructions/Note: Please help results from these 3 samples on a separate lab report from the other samples.
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Empty Kit Relinquished by: Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by:		Method of Shipment: Date/Time: <u>8/20/16 10:05</u> Date/Time: <u>8/20/16 9:45</u> Date/Time:						
Custody Seal No.: <u>N/A</u> Body Seals Intact: <input checked="" type="checkbox"/> Yes - A No		Cooler Temperature(s) °C and Other Remarks: <u>2.4°C</u>						



Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 200-35035-2

Login Number: 35035

List Number: 1

Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
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	2.4°C
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	