

**Roxie Trachtenberg**

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**From:** Julia Redden  
**Sent:** Wednesday, October 14, 2020 9:08 PM  
**To:** James Knights; Joanne Frazier  
**Cc:** Katie Wolf; Paulina Staley  
**Subject:** Wayland Property Owner Data Transmittal - September 2020  
**Attachments:** ERM Lab Report\_September 2020.pdf; National Development BWSC-123 Form.pdf

Hi James and Joanne,

Environmental Resources Management (ERM) collected groundwater samples from monitoring wells located on National Development property at the former Raytheon Facility located at 430 Boston Post Road in Wayland, MA in September 2020. The analytical results and BWSC-123 form are attached to this email.

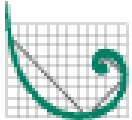
These results are being sent for National Development's records.

Please let me know if you have any questions or require any additional information.

Thanks,

Julia Redden  
Consultant II, Geology  
*Pronouns: she/her/hers*

**ERM**  
One Beacon St. | 5<sup>th</sup> Floor | Boston, MA 02108  
T 508 498 5311  
E [julia.redden@erm.com](mailto:julia.redden@erm.com) | W [www.erm.com](http://www.erm.com)





**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

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**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:  
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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.

## ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo  
10 Hazelwood Drive  
Amherst, NY 14228-2298  
Tel: (716)691-2600

Laboratory Job ID: 480-174894-1  
Client Project/Site: IDS Wayland  
Revision: 1

For:  
ERM-Northeast  
One Beacon Steet  
5th Floor  
Boston, Massachusetts 02108

Attn: Clementine Dulieu



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Authorized for release by:  
9/28/2020 10:46:45 AM  
Wyatt Watson, Project Management Assistant I  
[Wyatt.Watson@Eurofinset.com](mailto:Wyatt.Watson@Eurofinset.com)  
Designee for  
Becky Mason, Project Manager II  
(413)572-4000  
[Becky.Mason@Eurofinset.com](mailto:Becky.Mason@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 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

Job ID: 480-174894-1

## Qualifiers

### GC/MS VOA

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

## 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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
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)
TNTC	Too Numerous To Count

# Case Narrative

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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## Job ID: 480-174894-1

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### Laboratory: Eurofins TestAmerica, Buffalo

#### Narrative

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#### Job Narrative 480-174894-1

#### Receipt

The samples were received on 9/10/2020 8:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

#### GC/MS VOA

Method 8260C: With the exception of diluted samples, per question G on the MassDEP Analytical Protocol Certification Form, TestAmerica's routine reporting limits do not achieve the CAM reporting limits specified in this CAM protocol for 1,2-dibromo-3-chloropropane, Carbon Disulfide, Isopropyl Ether, Naphthalene, tert-Amyl Methyl Ether and Tetrahydrofuran.

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 480-548859 exceeded control limits for the following analyte: 2-Butanone. Unlike the calibration standards, this is due to the coelution with Ethyl Acetate in the spiking solution. This does not indicate a performance issue with the spike recovery, but rather the laboratory's ability to measure the two analytes together in a combined spiking solution. Through the use of spectral analysis, the two compounds can be distinguished from one another if present in a client sample. The following samples were affected : DUP-001-20200909-01 (480-174894-1), DUP-002-20200909-01 (480-174894-2), TB-001-20200909-01 (480-174894-3), MW-101M-20200909-01 (480-174894-4), MW-102M-20200909-01 (480-174894-5), MW-1003-20200909-01 (480-174894-6), MW-1005-20200909-01 (480-174894-7), MW-1010D-20200909-01 (480-174894-8), MW-1010M-20200909-01 (480-174894-9), MW-1014-20200909-01 (480-174894-10), MW-1015D-20200909-01 (480-174894-11), MW-1028-20200909-01 (480-174894-12), MW-1032-20200909-01 (480-174894-13) and MW-1034-20200909-01 (480-174894-14).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-548859 were outside control limits. Sample matrix interference is suspected.

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 #: **480-174894-1**

Project Location: **IDS Wayland** RTN:

**This form provides certifications for the following data set: list Laboratory Sample ID Number(s):**  
**480-174894 (1,2,3,4,5,6,7,8,9,10,11,12,13,14)**

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**

<b>A</b>	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>B</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
<b>C</b>	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
<b>D</b>	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
<b>E</b>	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
<b>F</b>	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**

<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
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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**

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

<sup>1</sup> 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: Wyatt Watson Position: Project Manager Assistant  
 Printed Name: Wyatt Watson Date: 9/14/20 9:14



# Detection Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

## Client Sample ID: DUP-001-20200909-01

Lab Sample ID: 480-174894-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	13		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: DUP-002-20200909-01

Lab Sample ID: 480-174894-2

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
Methyl tert-butyl ether	29		1.0		ug/L	1		8260C	Total/NA
Tert-amyl methyl ether	9.2		5.0		ug/L	1		8260C	Total/NA
Trichloroethene	6.5		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: TB-001-20200909-01

Lab Sample ID: 480-174894-3

No Detections.

## Client Sample ID: MW-1001M-20200909-01

Lab Sample ID: 480-174894-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	3.7		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1002M-20200909-01

Lab Sample ID: 480-174894-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110		50		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1003-20200909-01

Lab Sample ID: 480-174894-6

No Detections.

## Client Sample ID: MW-1005-20200909-01

Lab Sample ID: 480-174894-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	4.7		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1010D-20200909-01

Lab Sample ID: 480-174894-8

No Detections.

## Client Sample ID: MW-1010M-20200909-01

Lab Sample ID: 480-174894-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	14		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1014-20200909-01

Lab Sample ID: 480-174894-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.1		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	39		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1015D-20200909-01

Lab Sample ID: 480-174894-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	6.3		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

# Detection Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

## Client Sample ID: MW-1028-20200909-01

Lab Sample ID: 480-174894-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	8.1		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1032-20200909-01

Lab Sample ID: 480-174894-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0		ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.2		1.0		ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	29		1.0		ug/L	1		8260C	Total/NA
Tert-amyl methyl ether	9.4		5.0		ug/L	1		8260C	Total/NA
Trichloroethene	6.5		1.0		ug/L	1		8260C	Total/NA

## Client Sample ID: MW-1034-20200909-01

Lab Sample ID: 480-174894-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0		ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.3		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	31		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: DUP-001-20200909-01**

**Lab Sample ID: 480-174894-1**

**Date Collected: 09/09/20 00:01**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 14:28	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 14:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 14:28	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 14:28	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 14:28	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 14:28	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 14:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 14:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 14:28	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 14:28	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 14:28	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 14:28	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
1,4-Dioxane	ND		50		ug/L			09/10/20 14:28	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 14:28	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 14:28	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 14:28	1
2-Hexanone	ND		10		ug/L			09/10/20 14:28	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 14:28	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 14:28	1
Acetone	ND		50		ug/L			09/10/20 14:28	1
Benzene	ND		1.0		ug/L			09/10/20 14:28	1
Bromobenzene	ND		1.0		ug/L			09/10/20 14:28	1
Bromoform	ND		1.0		ug/L			09/10/20 14:28	1
Bromomethane	ND		2.0		ug/L			09/10/20 14:28	1
Carbon disulfide	ND		10		ug/L			09/10/20 14:28	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 14:28	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 14:28	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 14:28	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 14:28	1
Chloroethane	ND		2.0		ug/L			09/10/20 14:28	1
Chloroform	ND		1.0		ug/L			09/10/20 14:28	1
Chloromethane	ND		2.0		ug/L			09/10/20 14:28	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 14:28	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 14:28	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 14:28	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 14:28	1
Ethyl ether	ND		1.0		ug/L			09/10/20 14:28	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 14:28	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 14:28	1
Isopropyl ether	ND		10		ug/L			09/10/20 14:28	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: DUP-001-20200909-01**

**Lab Sample ID: 480-174894-1**

**Date Collected: 09/09/20 00:01**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 14:28	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 14:28	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 14:28	1
Naphthalene	ND		5.0		ug/L			09/10/20 14:28	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
o-Xylene	ND		1.0		ug/L			09/10/20 14:28	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
Styrene	ND		1.0		ug/L			09/10/20 14:28	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 14:28	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 14:28	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 14:28	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 14:28	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 14:28	1
Toluene	ND		1.0		ug/L			09/10/20 14:28	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 14:28	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 14:28	1
<b>Trichloroethene</b>	<b>13</b>		1.0		ug/L			09/10/20 14:28	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 14:28	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 14:28	1
Dibromomethane	ND		1.0		ug/L			09/10/20 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		09/10/20 14:28	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		09/10/20 14:28	1
4-Bromofluorobenzene (Surr)	96		70 - 130		09/10/20 14:28	1

**Client Sample ID: DUP-002-20200909-01**

**Lab Sample ID: 480-174894-2**

**Date Collected: 09/09/20 00:02**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 14:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 14:53	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 14:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 14:53	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 14:53	1
<b>1,1-Dichloroethene</b>	<b>1.2</b>		1.0		ug/L			09/10/20 14:53	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 14:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 14:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 14:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 14:53	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 14:53	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 14:53	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: DUP-002-20200909-01**

**Lab Sample ID: 480-174894-2**

**Date Collected: 09/09/20 00:02**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 14:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
1,4-Dioxane	ND		50		ug/L			09/10/20 14:53	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 14:53	1
2-Butanone (MEK)	ND	*	10		ug/L			09/10/20 14:53	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 14:53	1
2-Hexanone	ND		10		ug/L			09/10/20 14:53	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 14:53	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 14:53	1
Acetone	ND		50		ug/L			09/10/20 14:53	1
Benzene	ND		1.0		ug/L			09/10/20 14:53	1
Bromobenzene	ND		1.0		ug/L			09/10/20 14:53	1
Bromoform	ND		1.0		ug/L			09/10/20 14:53	1
Bromomethane	ND		2.0		ug/L			09/10/20 14:53	1
Carbon disulfide	ND		10		ug/L			09/10/20 14:53	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 14:53	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 14:53	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 14:53	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 14:53	1
Chloroethane	ND		2.0		ug/L			09/10/20 14:53	1
Chloroform	ND		1.0		ug/L			09/10/20 14:53	1
Chloromethane	ND		2.0		ug/L			09/10/20 14:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 14:53	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 14:53	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 14:53	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 14:53	1
Ethyl ether	ND		1.0		ug/L			09/10/20 14:53	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 14:53	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 14:53	1
Isopropyl ether	ND		10		ug/L			09/10/20 14:53	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
<b>Methyl tert-butyl ether</b>	<b>29</b>		1.0		ug/L			09/10/20 14:53	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 14:53	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 14:53	1
Naphthalene	ND		5.0		ug/L			09/10/20 14:53	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
o-Xylene	ND		1.0		ug/L			09/10/20 14:53	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
Styrene	ND		1.0		ug/L			09/10/20 14:53	1
<b>Tert-amyl methyl ether</b>	<b>9.2</b>		5.0		ug/L			09/10/20 14:53	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 14:53	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 14:53	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 14:53	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 14:53	1
Toluene	ND		1.0		ug/L			09/10/20 14:53	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: DUP-002-20200909-01**

**Lab Sample ID: 480-174894-2**

Date Collected: 09/09/20 00:02

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 14:53	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 14:53	1
<b>Trichloroethene</b>	<b>6.5</b>		1.0		ug/L			09/10/20 14:53	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 14:53	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 14:53	1
Dibromomethane	ND		1.0		ug/L			09/10/20 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		09/10/20 14:53	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		09/10/20 14:53	1
4-Bromofluorobenzene (Surr)	93		70 - 130		09/10/20 14:53	1

**Client Sample ID: TB-001-20200909-01**

**Lab Sample ID: 480-174894-3**

Date Collected: 09/09/20 00:00

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 15:17	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 15:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 15:17	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 15:17	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 15:17	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 15:17	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 15:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 15:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 15:17	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 15:17	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 15:17	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 15:17	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
1,4-Dioxane	ND		50		ug/L			09/10/20 15:17	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 15:17	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 15:17	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 15:17	1
2-Hexanone	ND		10		ug/L			09/10/20 15:17	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 15:17	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 15:17	1
Acetone	ND		50		ug/L			09/10/20 15:17	1
Benzene	ND		1.0		ug/L			09/10/20 15:17	1
Bromobenzene	ND		1.0		ug/L			09/10/20 15:17	1
Bromoform	ND		1.0		ug/L			09/10/20 15:17	1
Bromomethane	ND		2.0		ug/L			09/10/20 15:17	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: TB-001-20200909-01**

**Lab Sample ID: 480-174894-3**

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

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10		ug/L			09/10/20 15:17	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 15:17	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 15:17	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 15:17	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 15:17	1
Chloroethane	ND		2.0		ug/L			09/10/20 15:17	1
Chloroform	ND		1.0		ug/L			09/10/20 15:17	1
Chloromethane	ND		2.0		ug/L			09/10/20 15:17	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 15:17	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 15:17	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 15:17	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 15:17	1
Ethyl ether	ND		1.0		ug/L			09/10/20 15:17	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 15:17	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 15:17	1
Isopropyl ether	ND		10		ug/L			09/10/20 15:17	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 15:17	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 15:17	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 15:17	1
Naphthalene	ND		5.0		ug/L			09/10/20 15:17	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
o-Xylene	ND		1.0		ug/L			09/10/20 15:17	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
Styrene	ND		1.0		ug/L			09/10/20 15:17	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 15:17	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 15:17	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 15:17	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 15:17	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 15:17	1
Toluene	ND		1.0		ug/L			09/10/20 15:17	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 15:17	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 15:17	1
Trichloroethene	ND		1.0		ug/L			09/10/20 15:17	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 15:17	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 15:17	1
Dibromomethane	ND		1.0		ug/L			09/10/20 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		09/10/20 15:17	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		09/10/20 15:17	1
4-Bromofluorobenzene (Surr)	99		70 - 130		09/10/20 15:17	1

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1001M-20200909-01**

**Lab Sample ID: 480-174894-4**

**Date Collected: 09/09/20 08:25**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 15:42	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 15:42	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 15:42	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 15:42	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 15:42	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 15:42	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 15:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 15:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 15:42	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 15:42	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 15:42	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 15:42	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
1,4-Dioxane	ND		50		ug/L			09/10/20 15:42	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 15:42	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 15:42	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 15:42	1
2-Hexanone	ND		10		ug/L			09/10/20 15:42	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 15:42	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 15:42	1
Acetone	ND		50		ug/L			09/10/20 15:42	1
Benzene	ND		1.0		ug/L			09/10/20 15:42	1
Bromobenzene	ND		1.0		ug/L			09/10/20 15:42	1
Bromoform	ND		1.0		ug/L			09/10/20 15:42	1
Bromomethane	ND		2.0		ug/L			09/10/20 15:42	1
Carbon disulfide	ND		10		ug/L			09/10/20 15:42	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 15:42	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 15:42	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 15:42	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 15:42	1
Chloroethane	ND		2.0		ug/L			09/10/20 15:42	1
Chloroform	ND		1.0		ug/L			09/10/20 15:42	1
Chloromethane	ND		2.0		ug/L			09/10/20 15:42	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0		ug/L			09/10/20 15:42	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 15:42	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 15:42	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 15:42	1
Ethyl ether	ND		1.0		ug/L			09/10/20 15:42	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 15:42	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 15:42	1
Isopropyl ether	ND		10		ug/L			09/10/20 15:42	1

Eurofins TestAmerica, Buffalo



# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1001M-20200909-01**

**Lab Sample ID: 480-174894-4**

Date Collected: 09/09/20 08:25

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 15:42	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 15:42	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 15:42	1
Naphthalene	ND		5.0		ug/L			09/10/20 15:42	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
o-Xylene	ND		1.0		ug/L			09/10/20 15:42	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
Styrene	ND		1.0		ug/L			09/10/20 15:42	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 15:42	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 15:42	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 15:42	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 15:42	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 15:42	1
Toluene	ND		1.0		ug/L			09/10/20 15:42	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 15:42	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 15:42	1
<b>Trichloroethene</b>	<b>3.7</b>		1.0		ug/L			09/10/20 15:42	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 15:42	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 15:42	1
Dibromomethane	ND		1.0		ug/L			09/10/20 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	100		70 - 130		09/10/20 15:42	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 130		09/10/20 15:42	1
<i>4-Bromofluorobenzene (Surr)</i>	102		70 - 130		09/10/20 15:42	1

**Client Sample ID: MW-1002M-20200909-01**

**Lab Sample ID: 480-174894-5**

Date Collected: 09/09/20 08:50

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 16:06	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 16:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 16:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 16:06	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 16:06	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 16:06	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 16:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 16:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 16:06	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 16:06	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:06	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:06	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1002M-20200909-01**

**Lab Sample ID: 480-174894-5**

Date Collected: 09/09/20 08:50

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 16:06	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
1,4-Dioxane	ND		50		ug/L			09/10/20 16:06	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:06	1
2-Butanone (MEK)	ND	*	10		ug/L			09/10/20 16:06	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:06	1
2-Hexanone	ND		10		ug/L			09/10/20 16:06	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:06	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 16:06	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 16:06	1
<b>Acetone</b>	<b>110</b>		50		ug/L			09/10/20 16:06	1
Benzene	ND		1.0		ug/L			09/10/20 16:06	1
Bromobenzene	ND		1.0		ug/L			09/10/20 16:06	1
Bromoform	ND		1.0		ug/L			09/10/20 16:06	1
Bromomethane	ND		2.0		ug/L			09/10/20 16:06	1
Carbon disulfide	ND		10		ug/L			09/10/20 16:06	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 16:06	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 16:06	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 16:06	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 16:06	1
Chloroethane	ND		2.0		ug/L			09/10/20 16:06	1
Chloroform	ND		1.0		ug/L			09/10/20 16:06	1
Chloromethane	ND		2.0		ug/L			09/10/20 16:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 16:06	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:06	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 16:06	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 16:06	1
Ethyl ether	ND		1.0		ug/L			09/10/20 16:06	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 16:06	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 16:06	1
Isopropyl ether	ND		10		ug/L			09/10/20 16:06	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 16:06	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 16:06	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 16:06	1
Naphthalene	ND		5.0		ug/L			09/10/20 16:06	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
o-Xylene	ND		1.0		ug/L			09/10/20 16:06	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
Styrene	ND		1.0		ug/L			09/10/20 16:06	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 16:06	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 16:06	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 16:06	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 16:06	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 16:06	1
Toluene	ND		1.0		ug/L			09/10/20 16:06	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1002M-20200909-01**

**Lab Sample ID: 480-174894-5**

Date Collected: 09/09/20 08:50

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 16:06	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:06	1
Trichloroethene	ND		1.0		ug/L			09/10/20 16:06	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 16:06	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 16:06	1
Dibromomethane	ND		1.0		ug/L			09/10/20 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		09/10/20 16:06	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		09/10/20 16:06	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/10/20 16:06	1

**Client Sample ID: MW-1003-20200909-01**

**Lab Sample ID: 480-174894-6**

Date Collected: 09/09/20 09:15

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 16:31	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 16:31	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 16:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 16:31	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 16:31	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 16:31	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 16:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 16:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 16:31	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 16:31	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:31	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 16:31	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
1,4-Dioxane	ND		50		ug/L			09/10/20 16:31	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:31	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 16:31	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:31	1
2-Hexanone	ND		10		ug/L			09/10/20 16:31	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:31	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 16:31	1
Acetone	ND		50		ug/L			09/10/20 16:31	1
Benzene	ND		1.0		ug/L			09/10/20 16:31	1
Bromobenzene	ND		1.0		ug/L			09/10/20 16:31	1
Bromoform	ND		1.0		ug/L			09/10/20 16:31	1
Bromomethane	ND		2.0		ug/L			09/10/20 16:31	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1003-20200909-01**

**Lab Sample ID: 480-174894-6**

Date Collected: 09/09/20 09:15

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10		ug/L			09/10/20 16:31	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 16:31	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 16:31	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 16:31	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 16:31	1
Chloroethane	ND		2.0		ug/L			09/10/20 16:31	1
Chloroform	ND		1.0		ug/L			09/10/20 16:31	1
Chloromethane	ND		2.0		ug/L			09/10/20 16:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 16:31	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:31	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 16:31	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 16:31	1
Ethyl ether	ND		1.0		ug/L			09/10/20 16:31	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 16:31	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 16:31	1
Isopropyl ether	ND		10		ug/L			09/10/20 16:31	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 16:31	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 16:31	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 16:31	1
Naphthalene	ND		5.0		ug/L			09/10/20 16:31	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
o-Xylene	ND		1.0		ug/L			09/10/20 16:31	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
Styrene	ND		1.0		ug/L			09/10/20 16:31	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 16:31	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 16:31	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 16:31	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 16:31	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 16:31	1
Toluene	ND		1.0		ug/L			09/10/20 16:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 16:31	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:31	1
Trichloroethene	ND		1.0		ug/L			09/10/20 16:31	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 16:31	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 16:31	1
Dibromomethane	ND		1.0		ug/L			09/10/20 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		09/10/20 16:31	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		09/10/20 16:31	1
4-Bromofluorobenzene (Surr)	105		70 - 130		09/10/20 16:31	1

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1005-20200909-01**

**Lab Sample ID: 480-174894-7**

**Date Collected: 09/09/20 09:40**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 16:56	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 16:56	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 16:56	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 16:56	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 16:56	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 16:56	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 16:56	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 16:56	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 16:56	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 16:56	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:56	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 16:56	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
1,4-Dioxane	ND		50		ug/L			09/10/20 16:56	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 16:56	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 16:56	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:56	1
2-Hexanone	ND		10		ug/L			09/10/20 16:56	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 16:56	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 16:56	1
Acetone	ND		50		ug/L			09/10/20 16:56	1
Benzene	ND		1.0		ug/L			09/10/20 16:56	1
Bromobenzene	ND		1.0		ug/L			09/10/20 16:56	1
Bromoform	ND		1.0		ug/L			09/10/20 16:56	1
Bromomethane	ND		2.0		ug/L			09/10/20 16:56	1
Carbon disulfide	ND		10		ug/L			09/10/20 16:56	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 16:56	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 16:56	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 16:56	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 16:56	1
Chloroethane	ND		2.0		ug/L			09/10/20 16:56	1
Chloroform	ND		1.0		ug/L			09/10/20 16:56	1
Chloromethane	ND		2.0		ug/L			09/10/20 16:56	1
<b>cis-1,2-Dichloroethene</b>	<b>13</b>		1.0		ug/L			09/10/20 16:56	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:56	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 16:56	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 16:56	1
Ethyl ether	ND		1.0		ug/L			09/10/20 16:56	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 16:56	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 16:56	1
Isopropyl ether	ND		10		ug/L			09/10/20 16:56	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1005-20200909-01**

**Lab Sample ID: 480-174894-7**

**Date Collected: 09/09/20 09:40**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 16:56	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 16:56	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 16:56	1
Naphthalene	ND		5.0		ug/L			09/10/20 16:56	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
o-Xylene	ND		1.0		ug/L			09/10/20 16:56	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
Styrene	ND		1.0		ug/L			09/10/20 16:56	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 16:56	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 16:56	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 16:56	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 16:56	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 16:56	1
Toluene	ND		1.0		ug/L			09/10/20 16:56	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 16:56	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 16:56	1
<b>Trichloroethene</b>	<b>4.7</b>		1.0		ug/L			09/10/20 16:56	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 16:56	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 16:56	1
Dibromomethane	ND		1.0		ug/L			09/10/20 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	100		70 - 130		09/10/20 16:56	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 130		09/10/20 16:56	1
<i>4-Bromofluorobenzene (Surr)</i>	103		70 - 130		09/10/20 16:56	1

**Client Sample ID: MW-1010D-20200909-01**

**Lab Sample ID: 480-174894-8**

**Date Collected: 09/09/20 10:10**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 17:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 17:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 17:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 17:20	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 17:20	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 17:20	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 17:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 17:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 17:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 17:20	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 17:20	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 17:20	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1010D-20200909-01**

**Lab Sample ID: 480-174894-8**

**Date Collected: 09/09/20 10:10**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 17:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
1,4-Dioxane	ND		50		ug/L			09/10/20 17:20	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 17:20	1
2-Butanone (MEK)	ND	*	10		ug/L			09/10/20 17:20	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 17:20	1
2-Hexanone	ND		10		ug/L			09/10/20 17:20	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 17:20	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 17:20	1
Acetone	ND		50		ug/L			09/10/20 17:20	1
Benzene	ND		1.0		ug/L			09/10/20 17:20	1
Bromobenzene	ND		1.0		ug/L			09/10/20 17:20	1
Bromoform	ND		1.0		ug/L			09/10/20 17:20	1
Bromomethane	ND		2.0		ug/L			09/10/20 17:20	1
Carbon disulfide	ND		10		ug/L			09/10/20 17:20	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 17:20	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 17:20	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 17:20	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 17:20	1
Chloroethane	ND		2.0		ug/L			09/10/20 17:20	1
Chloroform	ND		1.0		ug/L			09/10/20 17:20	1
Chloromethane	ND		2.0		ug/L			09/10/20 17:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 17:20	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 17:20	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 17:20	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 17:20	1
Ethyl ether	ND		1.0		ug/L			09/10/20 17:20	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 17:20	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 17:20	1
Isopropyl ether	ND		10		ug/L			09/10/20 17:20	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 17:20	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 17:20	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 17:20	1
Naphthalene	ND		5.0		ug/L			09/10/20 17:20	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
o-Xylene	ND		1.0		ug/L			09/10/20 17:20	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
Styrene	ND		1.0		ug/L			09/10/20 17:20	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 17:20	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 17:20	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 17:20	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 17:20	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 17:20	1
Toluene	ND		1.0		ug/L			09/10/20 17:20	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1010D-20200909-01**

**Lab Sample ID: 480-174894-8**

**Date Collected: 09/09/20 10:10**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 17:20	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 17:20	1
Trichloroethene	ND		1.0		ug/L			09/10/20 17:20	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 17:20	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 17:20	1
Dibromomethane	ND		1.0		ug/L			09/10/20 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		09/10/20 17:20	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		09/10/20 17:20	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/10/20 17:20	1

**Client Sample ID: MW-1010M-20200909-01**

**Lab Sample ID: 480-174894-9**

**Date Collected: 09/09/20 10:30**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 17:45	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 17:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 17:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 17:45	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 17:45	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 17:45	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 17:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 17:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 17:45	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 17:45	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 17:45	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 17:45	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
1,4-Dioxane	ND		50		ug/L			09/10/20 17:45	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 17:45	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 17:45	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 17:45	1
2-Hexanone	ND		10		ug/L			09/10/20 17:45	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 17:45	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 17:45	1
Acetone	ND		50		ug/L			09/10/20 17:45	1
Benzene	ND		1.0		ug/L			09/10/20 17:45	1
Bromobenzene	ND		1.0		ug/L			09/10/20 17:45	1
Bromoform	ND		1.0		ug/L			09/10/20 17:45	1
Bromomethane	ND		2.0		ug/L			09/10/20 17:45	1

Eurolins TestAmerica, Buffalo



# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1010M-20200909-01**

**Lab Sample ID: 480-174894-9**

**Date Collected: 09/09/20 10:30**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10		ug/L			09/10/20 17:45	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 17:45	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 17:45	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 17:45	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 17:45	1
Chloroethane	ND		2.0		ug/L			09/10/20 17:45	1
Chloroform	ND		1.0		ug/L			09/10/20 17:45	1
Chloromethane	ND		2.0		ug/L			09/10/20 17:45	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 17:45	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 17:45	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 17:45	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 17:45	1
Ethyl ether	ND		1.0		ug/L			09/10/20 17:45	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 17:45	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 17:45	1
Isopropyl ether	ND		10		ug/L			09/10/20 17:45	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 17:45	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 17:45	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 17:45	1
Naphthalene	ND		5.0		ug/L			09/10/20 17:45	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
o-Xylene	ND		1.0		ug/L			09/10/20 17:45	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
Styrene	ND		1.0		ug/L			09/10/20 17:45	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 17:45	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 17:45	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 17:45	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 17:45	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 17:45	1
Toluene	ND		1.0		ug/L			09/10/20 17:45	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 17:45	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 17:45	1
<b>Trichloroethene</b>	<b>14</b>		1.0		ug/L			09/10/20 17:45	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 17:45	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 17:45	1
Dibromomethane	ND		1.0		ug/L			09/10/20 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	97		70 - 130		09/10/20 17:45	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		70 - 130		09/10/20 17:45	1
<i>4-Bromofluorobenzene (Surr)</i>	95		70 - 130		09/10/20 17:45	1

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1014-20200909-01**

**Lab Sample ID: 480-174894-10**

**Date Collected: 09/09/20 08:50**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

**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			09/10/20 18:09	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 18:09	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 18:09	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 18:09	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 18:09	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 18:09	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 18:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 18:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 18:09	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 18:09	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:09	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 18:09	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
1,4-Dioxane	ND		50		ug/L			09/10/20 18:09	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:09	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 18:09	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:09	1
2-Hexanone	ND		10		ug/L			09/10/20 18:09	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:09	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 18:09	1
Acetone	ND		50		ug/L			09/10/20 18:09	1
Benzene	ND		1.0		ug/L			09/10/20 18:09	1
Bromobenzene	ND		1.0		ug/L			09/10/20 18:09	1
Bromoform	ND		1.0		ug/L			09/10/20 18:09	1
Bromomethane	ND		2.0		ug/L			09/10/20 18:09	1
Carbon disulfide	ND		10		ug/L			09/10/20 18:09	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 18:09	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 18:09	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 18:09	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 18:09	1
Chloroethane	ND		2.0		ug/L			09/10/20 18:09	1
Chloroform	ND		1.0		ug/L			09/10/20 18:09	1
Chloromethane	ND		2.0		ug/L			09/10/20 18:09	1
<b>cis-1,2-Dichloroethene</b>	<b>7.1</b>		1.0		ug/L			09/10/20 18:09	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:09	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 18:09	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 18:09	1
Ethyl ether	ND		1.0		ug/L			09/10/20 18:09	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 18:09	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 18:09	1
Isopropyl ether	ND		10		ug/L			09/10/20 18:09	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1014-20200909-01**

**Lab Sample ID: 480-174894-10**

Date Collected: 09/09/20 08:50

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 18:09	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 18:09	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 18:09	1
Naphthalene	ND		5.0		ug/L			09/10/20 18:09	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
o-Xylene	ND		1.0		ug/L			09/10/20 18:09	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
Styrene	ND		1.0		ug/L			09/10/20 18:09	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 18:09	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 18:09	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 18:09	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 18:09	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 18:09	1
Toluene	ND		1.0		ug/L			09/10/20 18:09	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 18:09	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:09	1
<b>Trichloroethene</b>	<b>39</b>		1.0		ug/L			09/10/20 18:09	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 18:09	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 18:09	1
Dibromomethane	ND		1.0		ug/L			09/10/20 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		09/10/20 18:09	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 130		09/10/20 18:09	1
4-Bromofluorobenzene (Surr)	107		70 - 130		09/10/20 18:09	1

**Client Sample ID: MW-1015D-20200909-01**

**Lab Sample ID: 480-174894-11**

Date Collected: 09/09/20 09:30

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 18:34	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 18:34	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 18:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 18:34	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 18:34	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 18:34	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 18:34	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 18:34	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 18:34	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 18:34	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:34	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:34	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1015D-20200909-01**

**Lab Sample ID: 480-174894-11**

**Date Collected: 09/09/20 09:30**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 18:34	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
1,4-Dioxane	ND		50		ug/L			09/10/20 18:34	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:34	1
2-Butanone (MEK)	ND	*	10		ug/L			09/10/20 18:34	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:34	1
2-Hexanone	ND		10		ug/L			09/10/20 18:34	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:34	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 18:34	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 18:34	1
Acetone	ND		50		ug/L			09/10/20 18:34	1
Benzene	ND		1.0		ug/L			09/10/20 18:34	1
Bromobenzene	ND		1.0		ug/L			09/10/20 18:34	1
Bromoform	ND		1.0		ug/L			09/10/20 18:34	1
Bromomethane	ND		2.0		ug/L			09/10/20 18:34	1
Carbon disulfide	ND		10		ug/L			09/10/20 18:34	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 18:34	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 18:34	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 18:34	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 18:34	1
Chloroethane	ND		2.0		ug/L			09/10/20 18:34	1
Chloroform	ND		1.0		ug/L			09/10/20 18:34	1
Chloromethane	ND		2.0		ug/L			09/10/20 18:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 18:34	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:34	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 18:34	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 18:34	1
Ethyl ether	ND		1.0		ug/L			09/10/20 18:34	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 18:34	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 18:34	1
Isopropyl ether	ND		10		ug/L			09/10/20 18:34	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 18:34	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 18:34	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 18:34	1
Naphthalene	ND		5.0		ug/L			09/10/20 18:34	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
o-Xylene	ND		1.0		ug/L			09/10/20 18:34	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
Styrene	ND		1.0		ug/L			09/10/20 18:34	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 18:34	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 18:34	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 18:34	1
<b>Tetrachloroethene</b>	<b>1.1</b>		1.0		ug/L			09/10/20 18:34	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 18:34	1
Toluene	ND		1.0		ug/L			09/10/20 18:34	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1015D-20200909-01**

**Lab Sample ID: 480-174894-11**

Date Collected: 09/09/20 09:30

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 18:34	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:34	1
<b>Trichloroethene</b>	<b>6.3</b>		1.0		ug/L			09/10/20 18:34	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 18:34	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 18:34	1
Dibromomethane	ND		1.0		ug/L			09/10/20 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		70 - 130		09/10/20 18:34	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		09/10/20 18:34	1
4-Bromofluorobenzene (Surr)	90		70 - 130		09/10/20 18:34	1

**Client Sample ID: MW-1028-20200909-01**

**Lab Sample ID: 480-174894-12**

Date Collected: 09/09/20 12:15

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 18:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 18:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 18:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 18:58	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 18:58	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 18:58	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 18:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 18:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 18:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 18:58	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:58	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 18:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
1,4-Dioxane	ND		50		ug/L			09/10/20 18:58	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 18:58	1
2-Butanone (MEK)	ND	* F1	10		ug/L			09/10/20 18:58	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:58	1
2-Hexanone	ND		10		ug/L			09/10/20 18:58	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 18:58	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 18:58	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 18:58	1
Acetone	ND		50		ug/L			09/10/20 18:58	1
Benzene	ND		1.0		ug/L			09/10/20 18:58	1
Bromobenzene	ND		1.0		ug/L			09/10/20 18:58	1
Bromoform	ND		1.0		ug/L			09/10/20 18:58	1
Bromomethane	ND	F1	2.0		ug/L			09/10/20 18:58	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1028-20200909-01**

**Lab Sample ID: 480-174894-12**

Date Collected: 09/09/20 12:15

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10		ug/L			09/10/20 18:58	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 18:58	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 18:58	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 18:58	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 18:58	1
Chloroethane	ND	F1	2.0		ug/L			09/10/20 18:58	1
Chloroform	ND		1.0		ug/L			09/10/20 18:58	1
Chloromethane	ND	F1	2.0		ug/L			09/10/20 18:58	1
<b>cis-1,2-Dichloroethene</b>	<b>1.1</b>		1.0		ug/L			09/10/20 18:58	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:58	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 18:58	1
Dichlorodifluoromethane	ND	F1	1.0		ug/L			09/10/20 18:58	1
Ethyl ether	ND		1.0		ug/L			09/10/20 18:58	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 18:58	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 18:58	1
Isopropyl ether	ND		10		ug/L			09/10/20 18:58	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 18:58	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 18:58	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 18:58	1
Naphthalene	ND		5.0		ug/L			09/10/20 18:58	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
o-Xylene	ND		1.0		ug/L			09/10/20 18:58	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
Styrene	ND		1.0		ug/L			09/10/20 18:58	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 18:58	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 18:58	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 18:58	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 18:58	1
Tetrahydrofuran	ND	F1	10		ug/L			09/10/20 18:58	1
Toluene	ND		1.0		ug/L			09/10/20 18:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 18:58	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 18:58	1
<b>Trichloroethene</b>	<b>8.1</b>		1.0		ug/L			09/10/20 18:58	1
Trichlorofluoromethane	ND	F1	1.0		ug/L			09/10/20 18:58	1
Vinyl chloride	ND	F1	1.0		ug/L			09/10/20 18:58	1
Dibromomethane	ND		1.0		ug/L			09/10/20 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		09/10/20 18:58	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		09/10/20 18:58	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/10/20 18:58	1

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1032-20200909-01**

**Lab Sample ID: 480-174894-13**

Date Collected: 09/09/20 10:45

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 19:23	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 19:23	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 19:23	1
<b>1,1-Dichloroethane</b>	<b>1.1</b>		1.0		ug/L			09/10/20 19:23	1
<b>1,1-Dichloroethene</b>	<b>1.2</b>		1.0		ug/L			09/10/20 19:23	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 19:23	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 19:23	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 19:23	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 19:23	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 19:23	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 19:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
1,4-Dioxane	ND		50		ug/L			09/10/20 19:23	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 19:23	1
2-Butanone (MEK)	ND *		10		ug/L			09/10/20 19:23	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 19:23	1
2-Hexanone	ND		10		ug/L			09/10/20 19:23	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 19:23	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 19:23	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 19:23	1
Acetone	ND		50		ug/L			09/10/20 19:23	1
Benzene	ND		1.0		ug/L			09/10/20 19:23	1
Bromobenzene	ND		1.0		ug/L			09/10/20 19:23	1
Bromoform	ND		1.0		ug/L			09/10/20 19:23	1
Bromomethane	ND		2.0		ug/L			09/10/20 19:23	1
Carbon disulfide	ND		10		ug/L			09/10/20 19:23	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 19:23	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 19:23	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 19:23	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 19:23	1
Chloroethane	ND		2.0		ug/L			09/10/20 19:23	1
Chloroform	ND		1.0		ug/L			09/10/20 19:23	1
Chloromethane	ND		2.0		ug/L			09/10/20 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 19:23	1
cis-1,3-Dichloropropane	ND		0.40		ug/L			09/10/20 19:23	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 19:23	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 19:23	1
Ethyl ether	ND		1.0		ug/L			09/10/20 19:23	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 19:23	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 19:23	1
Isopropyl ether	ND		10		ug/L			09/10/20 19:23	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1032-20200909-01**

**Lab Sample ID: 480-174894-13**

Date Collected: 09/09/20 10:45

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
<b>Methyl tert-butyl ether</b>	<b>29</b>		1.0		ug/L			09/10/20 19:23	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 19:23	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 19:23	1
Naphthalene	ND		5.0		ug/L			09/10/20 19:23	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
o-Xylene	ND		1.0		ug/L			09/10/20 19:23	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
Styrene	ND		1.0		ug/L			09/10/20 19:23	1
<b>Tert-amyl methyl ether</b>	<b>9.4</b>		5.0		ug/L			09/10/20 19:23	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 19:23	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 19:23	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 19:23	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 19:23	1
Toluene	ND		1.0		ug/L			09/10/20 19:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 19:23	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 19:23	1
<b>Trichloroethene</b>	<b>6.5</b>		1.0		ug/L			09/10/20 19:23	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 19:23	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 19:23	1
Dibromomethane	ND		1.0		ug/L			09/10/20 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	105		70 - 130		09/10/20 19:23	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 130		09/10/20 19:23	1
<i>4-Bromofluorobenzene (Surr)</i>	105		70 - 130		09/10/20 19:23	1

**Client Sample ID: MW-1034-20200909-01**

**Lab Sample ID: 480-174894-14**

Date Collected: 09/09/20 11:50

Matrix: Water

Date Received: 09/10/20 08:00

**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			09/10/20 19:48	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 19:48	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 19:48	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 19:48	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 19:48	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 19:48	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 19:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 19:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 19:48	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 19:48	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 19:48	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 19:48	1

Eurofins TestAmerica, Buffalo



# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1034-20200909-01**

**Lab Sample ID: 480-174894-14**

Date Collected: 09/09/20 11:50

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 19:48	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
1,4-Dioxane	ND		50		ug/L			09/10/20 19:48	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 19:48	1
2-Butanone (MEK)	ND	*	10		ug/L			09/10/20 19:48	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 19:48	1
2-Hexanone	ND		10		ug/L			09/10/20 19:48	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 19:48	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 19:48	1
Acetone	ND		50		ug/L			09/10/20 19:48	1
Benzene	ND		1.0		ug/L			09/10/20 19:48	1
Bromobenzene	ND		1.0		ug/L			09/10/20 19:48	1
Bromoform	ND		1.0		ug/L			09/10/20 19:48	1
Bromomethane	ND		2.0		ug/L			09/10/20 19:48	1
Carbon disulfide	ND		10		ug/L			09/10/20 19:48	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 19:48	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 19:48	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 19:48	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 19:48	1
Chloroethane	ND		2.0		ug/L			09/10/20 19:48	1
Chloroform	ND		1.0		ug/L			09/10/20 19:48	1
Chloromethane	ND		2.0		ug/L			09/10/20 19:48	1
<b>cis-1,2-Dichloroethene</b>	<b>13</b>		1.0		ug/L			09/10/20 19:48	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 19:48	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 19:48	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 19:48	1
Ethyl ether	ND		1.0		ug/L			09/10/20 19:48	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 19:48	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 19:48	1
Isopropyl ether	ND		10		ug/L			09/10/20 19:48	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 19:48	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 19:48	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 19:48	1
Naphthalene	ND		5.0		ug/L			09/10/20 19:48	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
o-Xylene	ND		1.0		ug/L			09/10/20 19:48	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
Styrene	ND		1.0		ug/L			09/10/20 19:48	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 19:48	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 19:48	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 19:48	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 19:48	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 19:48	1
Toluene	ND		1.0		ug/L			09/10/20 19:48	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1034-20200909-01**

**Lab Sample ID: 480-174894-14**

Date Collected: 09/09/20 11:50

Matrix: Water

Date Received: 09/10/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>trans-1,2-Dichloroethene</b>	<b>1.3</b>		1.0		ug/L			09/10/20 19:48	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 19:48	1
<b>Trichloroethene</b>	<b>31</b>		1.0		ug/L			09/10/20 19:48	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 19:48	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 19:48	1
Dibromomethane	ND		1.0		ug/L			09/10/20 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	102		70 - 130		09/10/20 19:48	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	104		70 - 130		09/10/20 19:48	1
<i>4-Bromofluorobenzene (Surr)</i>	101		70 - 130		09/10/20 19:48	1

# Surrogate Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

Matrix: Water

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TOL (70-130)	DCA (70-130)	BFB (70-130)
480-174894-1	DUP-001-20200909-01	98	101	96
480-174894-2	DUP-002-20200909-01	96	98	93
480-174894-3	TB-001-20200909-01	100	102	99
480-174894-4	MW-1001M-20200909-01	100	104	102
480-174894-5	MW-1002M-20200909-01	95	99	91
480-174894-6	MW-1003-20200909-01	102	104	105
480-174894-7	MW-1005-20200909-01	100	104	103
480-174894-8	MW-1010D-20200909-01	96	101	91
480-174894-9	MW-1010M-20200909-01	97	101	95
480-174894-10	MW-1014-20200909-01	103	103	107
480-174894-11	MW-1015D-20200909-01	94	101	90
480-174894-12	MW-1028-20200909-01	95	101	91
480-174894-12 MS	MW-1028-20200909-01	98	105	101
480-174894-12 MSD	MW-1028-20200909-01	98	97	100
480-174894-13	MW-1032-20200909-01	105	104	105
480-174894-14	MW-1034-20200909-01	102	104	101
LCS 480-548859/5	Lab Control Sample	95	97	96
LCSD 480-548859/6	Lab Control Sample Dup	102	99	109
MB 480-548859/8	Method Blank	101	100	103

### Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: MB 480-548859/8**  
**Matrix: Water**  
**Analysis Batch: 548859**

**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			09/10/20 11:29	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/20 11:29	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/10/20 11:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/20 11:29	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/20 11:29	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/20 11:29	1
1,1-Dichloropropene	ND		1.0		ug/L			09/10/20 11:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/10/20 11:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/10/20 11:29	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/20 11:29	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/20 11:29	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,3-Dichloropropane	ND		1.0		ug/L			09/10/20 11:29	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
1,4-Dioxane	ND		50		ug/L			09/10/20 11:29	1
2,2-Dichloropropane	ND		1.0		ug/L			09/10/20 11:29	1
2-Butanone (MEK)	ND		10		ug/L			09/10/20 11:29	1
2-Chlorotoluene	ND		1.0		ug/L			09/10/20 11:29	1
2-Hexanone	ND		10		ug/L			09/10/20 11:29	1
4-Chlorotoluene	ND		1.0		ug/L			09/10/20 11:29	1
4-Isopropyltoluene	ND		1.0		ug/L			09/10/20 11:29	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/10/20 11:29	1
Acetone	ND		50		ug/L			09/10/20 11:29	1
Benzene	ND		1.0		ug/L			09/10/20 11:29	1
Bromobenzene	ND		1.0		ug/L			09/10/20 11:29	1
Bromoform	ND		1.0		ug/L			09/10/20 11:29	1
Bromomethane	ND		2.0		ug/L			09/10/20 11:29	1
Carbon disulfide	ND		10		ug/L			09/10/20 11:29	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/20 11:29	1
Chlorobenzene	ND		1.0		ug/L			09/10/20 11:29	1
Chlorobromomethane	ND		1.0		ug/L			09/10/20 11:29	1
Chlorodibromomethane	ND		0.50		ug/L			09/10/20 11:29	1
Chloroethane	ND		2.0		ug/L			09/10/20 11:29	1
Chloroform	ND		1.0		ug/L			09/10/20 11:29	1
Chloromethane	ND		2.0		ug/L			09/10/20 11:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 11:29	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 11:29	1
Dichlorobromomethane	ND		0.50		ug/L			09/10/20 11:29	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/20 11:29	1
Ethyl ether	ND		1.0		ug/L			09/10/20 11:29	1
Ethylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
Ethylene Dibromide	ND		1.0		ug/L			09/10/20 11:29	1
Hexachlorobutadiene	ND		0.40		ug/L			09/10/20 11:29	1

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: MB 480-548859/8**  
**Matrix: Water**  
**Analysis Batch: 548859**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	ND		10		ug/L			09/10/20 11:29	1
Isopropylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/20 11:29	1
Methylene Chloride	ND		1.0		ug/L			09/10/20 11:29	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/10/20 11:29	1
Naphthalene	ND		5.0		ug/L			09/10/20 11:29	1
n-Butylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
N-Propylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
o-Xylene	ND		1.0		ug/L			09/10/20 11:29	1
sec-Butylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
Styrene	ND		1.0		ug/L			09/10/20 11:29	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/10/20 11:29	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/10/20 11:29	1
tert-Butylbenzene	ND		1.0		ug/L			09/10/20 11:29	1
Tetrachloroethene	ND		1.0		ug/L			09/10/20 11:29	1
Tetrahydrofuran	ND		10		ug/L			09/10/20 11:29	1
Toluene	ND		1.0		ug/L			09/10/20 11:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/20 11:29	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/10/20 11:29	1
Trichloroethene	ND		1.0		ug/L			09/10/20 11:29	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/20 11:29	1
Vinyl chloride	ND		1.0		ug/L			09/10/20 11:29	1
Dibromomethane	ND		1.0		ug/L			09/10/20 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	101		70 - 130		09/10/20 11:29	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	100		70 - 130		09/10/20 11:29	1
<i>4-Bromofluorobenzene (Surr)</i>	103		70 - 130		09/10/20 11:29	1

**Lab Sample ID: LCS 480-548859/5**  
**Matrix: Water**  
**Analysis Batch: 548859**

**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	24.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	70 - 130
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130
1,1-Dichloroethane	25.0	24.6		ug/L		98	70 - 130
1,1-Dichloroethene	25.0	24.2		ug/L		97	70 - 130
1,1-Dichloropropene	25.0	24.3		ug/L		97	70 - 130
1,2,3-Trichlorobenzene	25.0	24.0		ug/L		96	70 - 130
1,2,3-Trichloropropane	25.0	23.1		ug/L		92	70 - 130
1,2,4-Trichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/L		94	70 - 130
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	70 - 130
1,2-Dichloroethane	25.0	22.9		ug/L		92	70 - 130

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: LCS 480-548859/5**  
**Matrix: Water**  
**Analysis Batch: 548859**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	24.5		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	25.0	25.3		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	70 - 130
1,3-Dichloropropane	25.0	23.3		ug/L		93	70 - 130
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	70 - 130
1,4-Dioxane	500	575		ug/L		115	70 - 130
2,2-Dichloropropane	25.0	25.0		ug/L		100	70 - 130
2-Butanone (MEK)	125	204	*	ug/L		163	70 - 130
2-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130
2-Hexanone	125	115		ug/L		92	70 - 130
4-Chlorotoluene	25.0	24.4		ug/L		98	70 - 130
4-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 130
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		89	70 - 130
Acetone	125	111		ug/L		89	70 - 130
Benzene	25.0	24.0		ug/L		96	70 - 130
Bromobenzene	25.0	23.7		ug/L		95	70 - 130
Bromoform	25.0	25.3		ug/L		101	70 - 130
Bromomethane	25.0	26.2		ug/L		105	70 - 130
Carbon disulfide	25.0	24.2		ug/L		97	70 - 130
Carbon tetrachloride	25.0	25.7		ug/L		103	70 - 130
Chlorobenzene	25.0	23.5		ug/L		94	70 - 130
Chlorobromomethane	25.0	23.9		ug/L		95	70 - 130
Chlorodibromomethane	25.0	24.9		ug/L		100	70 - 130
Chloroethane	25.0	27.0		ug/L		108	70 - 130
Chloroform	25.0	22.0		ug/L		88	70 - 130
Chloromethane	25.0	26.4		ug/L		106	70 - 130
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	70 - 130
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 130
Dichlorobromomethane	25.0	24.5		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	29.3		ug/L		117	70 - 130
Ethyl ether	25.0	23.4		ug/L		93	70 - 130
Ethylbenzene	25.0	23.8		ug/L		95	70 - 130
Ethylene Dibromide	25.0	23.7		ug/L		95	70 - 130
Hexachlorobutadiene	25.0	26.6		ug/L		106	70 - 130
Isopropyl ether	25.0	25.4		ug/L		101	70 - 130
Isopropylbenzene	25.0	25.2		ug/L		101	70 - 130
Methyl tert-butyl ether	25.0	24.5		ug/L		98	70 - 130
Methylene Chloride	25.0	21.8		ug/L		87	70 - 130
m-Xylene & p-Xylene	25.0	25.1		ug/L		100	70 - 130
Naphthalene	25.0	24.7		ug/L		99	70 - 130
n-Butylbenzene	25.0	25.8		ug/L		103	70 - 130
N-Propylbenzene	25.0	24.4		ug/L		97	70 - 130
o-Xylene	25.0	24.4		ug/L		98	70 - 130
sec-Butylbenzene	25.0	25.3		ug/L		101	70 - 130
Styrene	25.0	25.4		ug/L		101	70 - 130
Tert-amyl methyl ether	25.0	26.0		ug/L		104	70 - 130
Tert-butyl ethyl ether	25.0	25.1		ug/L		100	70 - 130
tert-Butylbenzene	25.0	25.5		ug/L		102	70 - 130
Tetrachloroethene	25.0	24.5		ug/L		98	70 - 130

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: LCS 480-548859/5**  
**Matrix: Water**  
**Analysis Batch: 548859**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrahydrofuran	50.0	58.7		ug/L		117	70 - 130
Toluene	25.0	23.5		ug/L		94	70 - 130
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	70 - 130
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	25.0		ug/L		100	70 - 130
Trichlorofluoromethane	25.0	28.6		ug/L		114	70 - 130
Vinyl chloride	25.0	28.7		ug/L		115	70 - 130
Dibromomethane	25.0	24.2		ug/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

**Lab Sample ID: LCSD 480-548859/6**  
**Matrix: Water**  
**Analysis Batch: 548859**

**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	25.3		ug/L		101	70 - 130	1	20
1,1,1-Trichloroethane	25.0	23.9		ug/L		96	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 130	4	20
1,1,2-Trichloroethane	25.0	24.4		ug/L		97	70 - 130	1	20
1,1-Dichloroethane	25.0	24.2		ug/L		97	70 - 130	1	20
1,1-Dichloroethene	25.0	23.8		ug/L		95	70 - 130	2	20
1,1-Dichloropropene	25.0	24.0		ug/L		96	70 - 130	1	20
1,2,3-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130	7	20
1,2,3-Trichloropropane	25.0	24.1		ug/L		96	70 - 130	4	20
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		103	70 - 130	3	20
1,2,4-Trimethylbenzene	25.0	26.3		ug/L		105	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	24.1		ug/L		96	70 - 130	3	20
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	3	20
1,2-Dichloroethane	25.0	22.9		ug/L		92	70 - 130	0	20
1,2-Dichloropropane	25.0	24.5		ug/L		98	70 - 130	0	20
1,3,5-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 130	2	20
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	3	20
1,3-Dichloropropane	25.0	23.8		ug/L		95	70 - 130	2	20
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	70 - 130	3	20
1,4-Dioxane	500	575		ug/L		115	70 - 130	0	20
2,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 130	1	20
2-Butanone (MEK)	125	205	*	ug/L		164	70 - 130	0	20
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130	2	20
2-Hexanone	125	117		ug/L		94	70 - 130	2	20
4-Chlorotoluene	25.0	25.1		ug/L		100	70 - 130	3	20
4-Isopropyltoluene	25.0	25.6		ug/L		102	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	70 - 130	3	20
Acetone	125	110		ug/L		88	70 - 130	1	20
Benzene	25.0	23.6		ug/L		94	70 - 130	2	20

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: LCSD 480-548859/6**  
**Matrix: Water**  
**Analysis Batch: 548859**

**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
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	1	20
Bromoform	25.0	25.7		ug/L		103	70 - 130	2	20
Bromomethane	25.0	25.7		ug/L		103	70 - 130	2	20
Carbon disulfide	25.0	23.6		ug/L		95	70 - 130	2	20
Carbon tetrachloride	25.0	25.1		ug/L		100	70 - 130	2	20
Chlorobenzene	25.0	23.8		ug/L		95	70 - 130	1	20
Chlorobromomethane	25.0	24.3		ug/L		97	70 - 130	2	20
Chlorodibromomethane	25.0	25.7		ug/L		103	70 - 130	3	20
Chloroethane	25.0	25.9		ug/L		103	70 - 130	4	20
Chloroform	25.0	21.5		ug/L		86	70 - 130	2	20
Chloromethane	25.0	24.6		ug/L		98	70 - 130	7	20
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	26.1		ug/L		104	70 - 130	1	20
Dichlorobromomethane	25.0	24.4		ug/L		97	70 - 130	0	20
Dichlorodifluoromethane	25.0	26.5		ug/L		106	70 - 130	10	20
Ethyl ether	25.0	23.2		ug/L		93	70 - 130	1	20
Ethylbenzene	25.0	24.3		ug/L		97	70 - 130	2	20
Ethylene Dibromide	25.0	24.5		ug/L		98	70 - 130	3	20
Hexachlorobutadiene	25.0	27.5		ug/L		110	70 - 130	3	20
Isopropyl ether	25.0	25.4		ug/L		101	70 - 130	0	20
Isopropylbenzene	25.0	25.6		ug/L		102	70 - 130	1	20
Methyl tert-butyl ether	25.0	24.5		ug/L		98	70 - 130	0	20
Methylene Chloride	25.0	21.3		ug/L		85	70 - 130	2	20
m-Xylene & p-Xylene	25.0	25.4		ug/L		101	70 - 130	1	20
Naphthalene	25.0	26.0		ug/L		104	70 - 130	5	20
n-Butylbenzene	25.0	26.2		ug/L		105	70 - 130	1	20
N-Propylbenzene	25.0	24.9		ug/L		100	70 - 130	2	20
o-Xylene	25.0	25.0		ug/L		100	70 - 130	3	20
sec-Butylbenzene	25.0	25.9		ug/L		104	70 - 130	2	20
Styrene	25.0	25.8		ug/L		103	70 - 130	2	20
Tert-amyl methyl ether	25.0	26.2		ug/L		105	70 - 130	1	20
Tert-butyl ethyl ether	25.0	25.2		ug/L		101	70 - 130	0	20
tert-Butylbenzene	25.0	25.9		ug/L		104	70 - 130	1	20
Tetrachloroethene	25.0	25.3		ug/L		101	70 - 130	3	20
Tetrahydrofuran	50.0	58.6		ug/L		117	70 - 130	0	20
Toluene	25.0	23.7		ug/L		95	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	25.4		ug/L		102	70 - 130	4	20
Trichloroethene	25.0	24.4		ug/L		98	70 - 130	2	20
Trichlorofluoromethane	25.0	27.6		ug/L		110	70 - 130	3	20
Vinyl chloride	25.0	27.1		ug/L		109	70 - 130	5	20
Dibromomethane	25.0	24.1		ug/L		96	70 - 130	0	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	102		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	109		70 - 130

Eurofins TestAmerica, Buffalo



# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

Lab Sample ID: 480-174894-12 MS

Matrix: Water

Analysis Batch: 548859

Client Sample ID: MW-1028-20200909-01

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		25.0	28.9		ug/L		116	70 - 130
1,1,1-Trichloroethane	ND		25.0	30.4		ug/L		122	70 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	25.7		ug/L		103	70 - 130
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	70 - 130
1,1-Dichloroethane	ND		25.0	30.8		ug/L		123	70 - 130
1,1-Dichloroethene	ND		25.0	31.3		ug/L		125	70 - 130
1,1-Dichloropropene	ND		25.0	30.8		ug/L		123	70 - 130
1,2,3-Trichlorobenzene	ND		25.0	27.8		ug/L		111	70 - 130
1,2,3-Trichloropropane	ND		25.0	25.6		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	ND		25.0	27.8		ug/L		111	70 - 130
1,2,4-Trimethylbenzene	ND		25.0	29.8		ug/L		119	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	25.8		ug/L		103	70 - 130
1,2-Dichlorobenzene	ND		25.0	27.1		ug/L		108	70 - 130
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	70 - 130
1,2-Dichloropropane	ND		25.0	30.5		ug/L		122	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	29.5		ug/L		118	70 - 130
1,3-Dichlorobenzene	ND		25.0	27.2		ug/L		109	70 - 130
1,3-Dichloropropane	ND		25.0	26.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	ND		25.0	26.6		ug/L		106	70 - 130
1,4-Dioxane	ND		500	628		ug/L		126	70 - 130
2,2-Dichloropropane	ND		25.0	28.2		ug/L		113	70 - 130
2-Butanone (MEK)	ND	* F1	125	242	F1	ug/L		194	70 - 130
2-Chlorotoluene	ND		25.0	29.2		ug/L		117	70 - 130
2-Hexanone	ND		125	132		ug/L		105	70 - 130
4-Chlorotoluene	ND		25.0	28.3		ug/L		113	70 - 130
4-Isopropyltoluene	ND		25.0	29.3		ug/L		117	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		125	128		ug/L		102	70 - 130
Acetone	ND		125	147		ug/L		110	70 - 130
Benzene	ND		25.0	29.4		ug/L		118	70 - 130
Bromobenzene	ND		25.0	27.4		ug/L		110	70 - 130
Bromoform	ND		25.0	27.4		ug/L		109	70 - 130
Bromomethane	ND	F1	25.0	34.1	F1	ug/L		136	70 - 130
Carbon disulfide	ND		25.0	28.5		ug/L		114	70 - 130
Carbon tetrachloride	ND		25.0	31.9		ug/L		128	70 - 130
Chlorobenzene	ND		25.0	27.4		ug/L		110	70 - 130
Chlorobromomethane	ND		25.0	28.9		ug/L		116	70 - 130
Chlorodibromomethane	ND		25.0	28.2		ug/L		113	70 - 130
Chloroethane	ND	F1	25.0	35.1	F1	ug/L		140	70 - 130
Chloroform	ND		25.0	27.0		ug/L		108	70 - 130
Chloromethane	ND	F1	25.0	33.7	F1	ug/L		135	70 - 130
cis-1,2-Dichloroethene	1.1		25.0	31.3		ug/L		121	70 - 130
cis-1,3-Dichloropropene	ND		25.0	30.2		ug/L		121	70 - 130
Dichlorobromomethane	ND		25.0	29.2		ug/L		117	70 - 130
Dichlorodifluoromethane	ND	F1	25.0	36.6	F1	ug/L		147	70 - 130
Ethyl ether	ND		25.0	28.0		ug/L		112	70 - 130
Ethylbenzene	ND		25.0	28.2		ug/L		113	70 - 130
Ethylene Dibromide	ND		25.0	27.0		ug/L		108	70 - 130
Hexachlorobutadiene	ND		25.0	30.9		ug/L		124	70 - 130

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: 480-174894-12 MS**

**Client Sample ID: MW-1028-20200909-01**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 548859**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Isopropyl ether	ND		25.0	31.4		ug/L		126	70 - 130
Isopropylbenzene	ND		25.0	29.4		ug/L		118	70 - 130
Methyl tert-butyl ether	ND		25.0	29.0		ug/L		116	70 - 130
Methylene Chloride	ND		25.0	26.8		ug/L		107	70 - 130
m-Xylene & p-Xylene	ND		25.0	29.2		ug/L		117	70 - 130
Naphthalene	ND		25.0	27.6		ug/L		110	70 - 130
n-Butylbenzene	ND		25.0	30.0		ug/L		120	70 - 130
N-Propylbenzene	ND		25.0	28.7		ug/L		115	70 - 130
o-Xylene	ND		25.0	28.9		ug/L		115	70 - 130
sec-Butylbenzene	ND		25.0	30.0		ug/L		120	70 - 130
Styrene	ND		25.0	29.5		ug/L		118	70 - 130
Tert-amyl methyl ether	ND		25.0	31.0		ug/L		124	70 - 130
Tert-butyl ethyl ether	ND		25.0	30.5		ug/L		122	70 - 130
tert-Butylbenzene	ND		25.0	29.9		ug/L		120	70 - 130
Tetrachloroethene	ND		25.0	28.9		ug/L		114	70 - 130
Tetrahydrofuran	ND	F1	50.0	70.3	F1	ug/L		141	70 - 130
Toluene	ND		25.0	27.7		ug/L		111	70 - 130
trans-1,2-Dichloroethene	ND		25.0	31.0		ug/L		124	70 - 130
trans-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	70 - 130
Trichloroethene	8.1		25.0	39.7		ug/L		126	70 - 130
Trichlorofluoromethane	ND	F1	25.0	36.2	F1	ug/L		145	70 - 130
Vinyl chloride	ND	F1	25.0	39.2	F1	ug/L		157	70 - 130
Dibromomethane	ND		25.0	28.7		ug/L		115	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	98		70 - 130
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

**Lab Sample ID: 480-174894-12 MSD**

**Client Sample ID: MW-1028-20200909-01**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 548859**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		25.0	28.7		ug/L		115	70 - 130	1	20
1,1,1-Trichloroethane	ND		25.0	29.5		ug/L		118	70 - 130	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	70 - 130	3	20
1,1,2-Trichloroethane	ND		25.0	27.1		ug/L		108	70 - 130	2	20
1,1-Dichloroethane	ND		25.0	29.3		ug/L		117	70 - 130	5	20
1,1-Dichloroethene	ND		25.0	30.3		ug/L		121	70 - 130	3	20
1,1-Dichloropropene	ND		25.0	30.0		ug/L		120	70 - 130	3	20
1,2,3-Trichlorobenzene	ND		25.0	28.3		ug/L		113	70 - 130	2	20
1,2,3-Trichloropropane	ND		25.0	26.9		ug/L		107	70 - 130	5	20
1,2,4-Trichlorobenzene	ND		25.0	28.6		ug/L		114	70 - 130	3	20
1,2,4-Trimethylbenzene	ND		25.0	30.4		ug/L		122	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.3		ug/L		105	70 - 130	2	20
1,2-Dichlorobenzene	ND		25.0	27.6		ug/L		110	70 - 130	2	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	70 - 130	6	20

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: 480-174894-12 MSD**

**Client Sample ID: MW-1028-20200909-01**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 548859**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	70 - 130	6	20
1,3,5-Trimethylbenzene	ND		25.0	30.4		ug/L		122	70 - 130	3	20
1,3-Dichlorobenzene	ND		25.0	27.9		ug/L		112	70 - 130	3	20
1,3-Dichloropropane	ND		25.0	26.4		ug/L		106	70 - 130	1	20
1,4-Dichlorobenzene	ND		25.0	27.1		ug/L		108	70 - 130	2	20
1,4-Dioxane	ND		500	626		ug/L		125	70 - 130	0	20
2,2-Dichloropropane	ND		25.0	28.3		ug/L		113	70 - 130	1	20
2-Butanone (MEK)	ND	* F1	125	227	F1	ug/L		181	70 - 130	7	20
2-Chlorotoluene	ND		25.0	30.1		ug/L		120	70 - 130	3	20
2-Hexanone	ND		125	131		ug/L		105	70 - 130	1	20
4-Chlorotoluene	ND		25.0	29.0		ug/L		116	70 - 130	2	20
4-Isopropyltoluene	ND		25.0	30.4		ug/L		122	70 - 130	4	20
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		102	70 - 130	1	20
Acetone	ND		125	137		ug/L		103	70 - 130	7	20
Benzene	ND		25.0	28.4		ug/L		114	70 - 130	3	20
Bromobenzene	ND		25.0	28.0		ug/L		112	70 - 130	2	20
Bromoform	ND		25.0	27.5		ug/L		110	70 - 130	1	20
Bromomethane	ND	F1	25.0	31.0		ug/L		124	70 - 130	10	20
Carbon disulfide	ND		25.0	27.0		ug/L		108	70 - 130	5	20
Carbon tetrachloride	ND		25.0	31.3		ug/L		125	70 - 130	2	20
Chlorobenzene	ND		25.0	27.2		ug/L		109	70 - 130	1	20
Chlorobromomethane	ND		25.0	28.0		ug/L		112	70 - 130	3	20
Chlorodibromomethane	ND		25.0	27.7		ug/L		111	70 - 130	2	20
Chloroethane	ND	F1	25.0	32.1		ug/L		128	70 - 130	9	20
Chloroform	ND		25.0	25.8		ug/L		103	70 - 130	5	20
Chloromethane	ND	F1	25.0	31.5		ug/L		126	70 - 130	7	20
cis-1,2-Dichloroethene	1.1		25.0	29.6		ug/L		114	70 - 130	6	20
cis-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	70 - 130	3	20
Dichlorobromomethane	ND		25.0	28.0		ug/L		112	70 - 130	4	20
Dichlorodifluoromethane	ND	F1	25.0	33.0	F1	ug/L		132	70 - 130	11	20
Ethyl ether	ND		25.0	26.6		ug/L		106	70 - 130	5	20
Ethylbenzene	ND		25.0	28.5		ug/L		114	70 - 130	1	20
Ethylene Dibromide	ND		25.0	26.7		ug/L		107	70 - 130	1	20
Hexachlorobutadiene	ND		25.0	32.3		ug/L		129	70 - 130	4	20
Isopropyl ether	ND		25.0	27.9		ug/L		112	70 - 130	12	20
Isopropylbenzene	ND		25.0	30.7		ug/L		123	70 - 130	4	20
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		111	70 - 130	4	20
Methylene Chloride	ND		25.0	25.3		ug/L		101	70 - 130	6	20
m-Xylene & p-Xylene	ND		25.0	29.7		ug/L		119	70 - 130	2	20
Naphthalene	ND		25.0	28.3		ug/L		113	70 - 130	2	20
n-Butylbenzene	ND		25.0	30.8		ug/L		123	70 - 130	3	20
N-Propylbenzene	ND		25.0	29.4		ug/L		118	70 - 130	2	20
o-Xylene	ND		25.0	28.9		ug/L		116	70 - 130	0	20
sec-Butylbenzene	ND		25.0	31.2		ug/L		125	70 - 130	4	20
Styrene	ND		25.0	29.7		ug/L		119	70 - 130	0	20
Tert-amyl methyl ether	ND		25.0	28.8		ug/L		115	70 - 130	7	20
Tert-butyl ethyl ether	ND		25.0	27.6		ug/L		110	70 - 130	10	20
tert-Butylbenzene	ND		25.0	31.0		ug/L		124	70 - 130	4	20
Tetrachloroethene	ND		25.0	29.4		ug/L		116	70 - 130	2	20

Eurofins TestAmerica, Buffalo

# QC Sample Results

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

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

**Lab Sample ID: 480-174894-12 MSD**

**Client Sample ID: MW-1028-20200909-01**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 548859**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrahydrofuran	ND	F1	50.0	65.8	F1	ug/L		132	70 - 130	7	20
Toluene	ND		25.0	27.6		ug/L		110	70 - 130	0	20
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	70 - 130	6	20
trans-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	70 - 130	0	20
Trichloroethene	8.1		25.0	39.2		ug/L		125	70 - 130	1	20
Trichlorofluoromethane	ND	F1	25.0	34.6	F1	ug/L		139	70 - 130	5	20
Vinyl chloride	ND	F1	25.0	35.5	F1	ug/L		142	70 - 130	10	20
Dibromomethane	ND		25.0	27.1		ug/L		108	70 - 130	6	20
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
Toluene-d8 (Surr)	98		70 - 130								
1,2-Dichloroethane-d4 (Surr)	97		70 - 130								
4-Bromofluorobenzene (Surr)	100		70 - 130								

# QC Association Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

## GC/MS VOA

### Analysis Batch: 548859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174894-1	DUP-001-20200909-01	Total/NA	Water	8260C	
480-174894-2	DUP-002-20200909-01	Total/NA	Water	8260C	
480-174894-3	TB-001-20200909-01	Total/NA	Water	8260C	
480-174894-4	MW-1001M-20200909-01	Total/NA	Water	8260C	
480-174894-5	MW-1002M-20200909-01	Total/NA	Water	8260C	
480-174894-6	MW-1003-20200909-01	Total/NA	Water	8260C	
480-174894-7	MW-1005-20200909-01	Total/NA	Water	8260C	
480-174894-8	MW-1010D-20200909-01	Total/NA	Water	8260C	
480-174894-9	MW-1010M-20200909-01	Total/NA	Water	8260C	
480-174894-10	MW-1014-20200909-01	Total/NA	Water	8260C	
480-174894-11	MW-1015D-20200909-01	Total/NA	Water	8260C	
480-174894-12	MW-1028-20200909-01	Total/NA	Water	8260C	
480-174894-13	MW-1032-20200909-01	Total/NA	Water	8260C	
480-174894-14	MW-1034-20200909-01	Total/NA	Water	8260C	
MB 480-548859/8	Method Blank	Total/NA	Water	8260C	
LCS 480-548859/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-548859/6	Lab Control Sample Dup	Total/NA	Water	8260C	
480-174894-12 MS	MW-1028-20200909-01	Total/NA	Water	8260C	
480-174894-12 MSD	MW-1028-20200909-01	Total/NA	Water	8260C	

# Lab Chronicle

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: DUP-001-20200909-01**

**Lab Sample ID: 480-174894-1**

Date Collected: 09/09/20 00:01

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 14:28	CRL	TAL BUF

**Client Sample ID: DUP-002-20200909-01**

**Lab Sample ID: 480-174894-2**

Date Collected: 09/09/20 00:02

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 14:53	CRL	TAL BUF

**Client Sample ID: TB-001-20200909-01**

**Lab Sample ID: 480-174894-3**

Date Collected: 09/09/20 00:00

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 15:17	CRL	TAL BUF

**Client Sample ID: MW-1001M-20200909-01**

**Lab Sample ID: 480-174894-4**

Date Collected: 09/09/20 08:25

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 15:42	CRL	TAL BUF

**Client Sample ID: MW-1002M-20200909-01**

**Lab Sample ID: 480-174894-5**

Date Collected: 09/09/20 08:50

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 16:06	CRL	TAL BUF

**Client Sample ID: MW-1003-20200909-01**

**Lab Sample ID: 480-174894-6**

Date Collected: 09/09/20 09:15

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 16:31	CRL	TAL BUF

**Client Sample ID: MW-1005-20200909-01**

**Lab Sample ID: 480-174894-7**

Date Collected: 09/09/20 09:40

Matrix: Water

Date Received: 09/10/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 16:56	CRL	TAL BUF

Eurofins TestAmerica, Buffalo

# Lab Chronicle

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

**Client Sample ID: MW-1010D-20200909-01**

**Lab Sample ID: 480-174894-8**

**Date Collected: 09/09/20 10:10**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 17:20	CRL	TAL BUF

**Client Sample ID: MW-1010M-20200909-01**

**Lab Sample ID: 480-174894-9**

**Date Collected: 09/09/20 10:30**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 17:45	CRL	TAL BUF

**Client Sample ID: MW-1014-20200909-01**

**Lab Sample ID: 480-174894-10**

**Date Collected: 09/09/20 08:50**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 18:09	CRL	TAL BUF

**Client Sample ID: MW-1015D-20200909-01**

**Lab Sample ID: 480-174894-11**

**Date Collected: 09/09/20 09:30**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 18:34	CRL	TAL BUF

**Client Sample ID: MW-1028-20200909-01**

**Lab Sample ID: 480-174894-12**

**Date Collected: 09/09/20 12:15**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 18:58	CRL	TAL BUF

**Client Sample ID: MW-1032-20200909-01**

**Lab Sample ID: 480-174894-13**

**Date Collected: 09/09/20 10:45**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 19:23	CRL	TAL BUF

**Client Sample ID: MW-1034-20200909-01**

**Lab Sample ID: 480-174894-14**

**Date Collected: 09/09/20 11:50**

**Matrix: Water**

**Date Received: 09/10/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	548859	09/10/20 19:48	CRL	TAL BUF

**Laboratory References:**

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

Eurofins TestAmerica, Buffalo

# Accreditation/Certification Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

## Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-07-21
California	State	2931	04-01-20 *
Connecticut	State	PH-0568	09-30-20
Florida	NELAP	E87672	07-01-21
Georgia	State	10026 (NY)	04-01-21
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	04-01-21
Illinois	NELAP	200003	09-30-20
Iowa	State	374	02-28-21
Kansas	NELAP	E-10187	02-01-21
Kentucky (DW)	State	90029	12-31-20
Kentucky (UST)	State	30	04-01-21
Kentucky (WW)	State	KY90029	12-31-20
Louisiana	NELAP	02031	09-21-20
Maine	State	NY00044	12-04-20
Maryland	State	294	04-01-21
Massachusetts	State	M-NY044	09-22-20
Michigan	State	9937	04-01-21
Michigan	State Program	9937	04-01-09 *
Minnesota	NELAP	1524384	12-31-20
New Hampshire	NELAP	2337	11-18-20
New Jersey	NELAP	NY455	08-02-21
New York	NELAP	10026	09-20-20
North Dakota	State	R-176	04-01-21
Oklahoma	State	9421	09-02-21
Oregon	NELAP	NY200003	06-11-21
Pennsylvania	NELAP	68-00281	09-14-20
Rhode Island	State	LAO00328	12-30-20
Tennessee	State	02970	04-01-21
Texas	NELAP	T104704412-18-10	08-02-21
USDA	US Federal Programs	P330-18-00039	02-06-21
Virginia	NELAP	460185	09-14-20
Washington	State	C784	02-11-21
Wisconsin	State	998310390	09-01-21

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

Eurofins TestAmerica, Buffalo



# Method Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	MA DEP	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

**Protocol References:**

MA DEP = Massachusetts Department Of Environmental Protection

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

**Laboratory References:**

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

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# Sample Summary

Client: ERM-Northeast  
Project/Site: IDS Wayland

Job ID: 480-174894-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-174894-1	DUP-001-20200909-01	Water	09/09/20 00:01	09/10/20 08:00	
480-174894-2	DUP-002-20200909-01	Water	09/09/20 00:02	09/10/20 08:00	
480-174894-3	TB-001-20200909-01	Water	09/09/20 00:00	09/10/20 08:00	
480-174894-4	MW-1001M-20200909-01	Water	09/09/20 08:25	09/10/20 08:00	
480-174894-5	MW-1002M-20200909-01	Water	09/09/20 08:50	09/10/20 08:00	
480-174894-6	MW-1003-20200909-01	Water	09/09/20 09:15	09/10/20 08:00	
480-174894-7	MW-1005-20200909-01	Water	09/09/20 09:40	09/10/20 08:00	
480-174894-8	MW-1010D-20200909-01	Water	09/09/20 10:10	09/10/20 08:00	
480-174894-9	MW-1010M-20200909-01	Water	09/09/20 10:30	09/10/20 08:00	
480-174894-10	MW-1014-20200909-01	Water	09/09/20 08:50	09/10/20 08:00	
480-174894-11	MW-1015D-20200909-01	Water	09/09/20 09:30	09/10/20 08:00	
480-174894-12	MW-1028-20200909-01	Water	09/09/20 12:15	09/10/20 08:00	
480-174894-13	MW-1032-20200909-01	Water	09/09/20 10:45	09/10/20 08:00	
480-174894-14	MW-1034-20200909-01	Water	09/09/20 11:50	09/10/20 08:00	

# Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-174894-1

**Login Number: 174894**

**List Source: Eurofins TestAmerica, Buffalo**

**List Number: 1**

**Creator: Yeager, Brian A**

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.	True	
Chlorine Residual checked.	N/A	

**Client Information**  
 Client Contact: **Lyndsey Colburn** / **Julia Redden**  
 City: **Boston**  
 State, Zip: **MA, 02108**  
 Phone: **617-646-7860 (Tel)**  
 Email: **lyndsey.colburn@erm.com** / **Julia.Redden@erm.com**  
 Project Name: **IDS Wayland**  
 Site: **Wayland**

**Sampler:** **Paulina Staley**  
 Phone: **978-566-0078**  
 Lab PM: **Mason, Becky C**  
 E-Mail: **Becky.Mason@Eurofinset.com**

Carrier Tracking No(s): **480-150308-33395.2**  
 Page: **2 of 2**  
 Job #:

**Analysis Requested**

Due Date Requested: **08/10/20**  
 TAT Requested (days): **4**

PO #: **0530678**  
 WO #:

Project #: **48007117**  
 SSOW#:

8260MCP - MCP 8260 Analyte List

Field Filtered Sample (Yes or No)  A

Perform MS/MSD (Yes or No)  A

Preservation Codes:  
 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  
 Z - other (specify)

Other: **480-174894 Chain of Custody**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tracer, AA=)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
MW-1001M-20200909-01	07/01/20	08:25	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1002M-20200909-01		08:50	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1003-20200909-01		09:15	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1005-20200909-01		09:40	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1010D-20200909-01		10:10	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1010M-20200909-01		10:30	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MM-1014-20200909-01		08:50	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1015D-20200909-01		09:30	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	MS/MSD
MW-1028-20200909-01		12:15	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1032-20200909-01		10:45	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	
MW-1034-20200909-01		11:50	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	

**Possible Hazard Identification**  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: **Paulina Staley** Date/Time: **9/9/20 15:00** Company: **ERM**

Relinquished by: **Paulina Staley** Date/Time: **9/9/20 16:30** Company: **ERM**

Relinquished by: **Paulina Staley** Date/Time: **9/10/20 8:00** Company: **ERM**

Custody Seal No.: **3.6 #1**

Special Instructions/OC Requirements: **Contact sampler with questions**

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Cooler Temperature(s) °C and Other Remarks: **3.6 #1**



