Environmental Resources Management

One Beacon Street, 5th Floor
Boston, MA 02108
+1 617 646 7800
+1 617 267 6447 (fax)

http://www.erm.com

18 November 2014
Reference: 0237233

Mr. Tim Skehan
c/o Russell's Garden Center
397 Boston Post Road
Wayland, MA 01778

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

Dear Mr. Skehan:

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

ERM collected groundwater samples from three monitoring wells on your property on 9 September 2014. Samples were submitted to TestAmerica Laboratories, Inc. of Westfield, Massachusetts. Analytical results are attached to this letter. These analytical data were provided to the Massachusetts Department of Environmental Protection in the last MCP submittal.

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

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

Sincerely,

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

Lyndsey Colburn, P.G.
Project Manager

enclosures: BWSC-123 – Notice of Environmental Sampling
Laboratory Analytical Reports

cc: Jonathan Hone, Raytheon Company
Ben Gould, CMG Environmental
PIP Repositories

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 13302

NOTICE OF ENVIRONMENTAL SAMPLING

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

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

1. Street Address: 430 Boston Post Road

City/Town: Wayland Zip Code: 01778

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

1. Name: Russell's Garden Center

2. Street Address: 397 Boston Post Road

City/Town: Wayland Zip Code: 01778

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: 430 Boston Post Road

City/Town: Wayland Zip Code: 01778

2. MCP phase of work during which the sampling will be/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ 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.

Collection of groundwater samples from existing monitoring wells.

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

Contact Name: Louis J. Burkhardt

Street Address: 50 Apple Hill Drive

City/Town: Tewksbury Zip Code: 01876

Telephone: (978) 858-1885 Email: louis_j_burkhardt@raytheon.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 13302

NOTICE OF ENVIRONMENTAL SAMPLING

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

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

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

THE PERSON(S) PROVIDING THIS NOTICE

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

PURPOSE OF THIS NOTICE

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

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

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

FOR MORE INFORMATION

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-66696-1
Client Project/Site: IDS Wayland

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

Attn: Lyndsey Colburn

Authorized for release by:
9/12/2014 11:03:15 AM
Rich Emerich, Analyst V
rich.emerich@testamericainc.com

Designee for

Becky Mason, Project Manager II
(413)572-4000
becky.mason@testamericainc.com

Three samples were collected from the Russell's Garden property. All other samples have been grayed out for ease of review.

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

Glossary

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

Job ID: 480-66696-1

Laboratory: TestAmerica Buffalo

Narrative

Comments

Due to the dilutions required, per question G on the MassDEP Analytical Protocol Certification Form, the CAM reporting limits specified in this CAM protocol could not be achieved for some or all samples/analytes.

Receipt

The samples were received on 9/5/2014 at 12:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain of Custody (COC): MW-1010D-20140904-02 (480-66696-33). The container labels lists MW-1010D-20140904-01 while the COC lists MW-1010D-20140904-02 (association made by comparing date and time of collection). The sample was logged in as shown on the COC.

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-Butyl Ethyl Ether, tert-Amyl Methyl Ether and Tetrahydrofuran.

Method 8260C: The continuing calibration verification (CCV) for 1,4dioxane associated with batch 200987 recovered above the MCP upper control limit. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 60% difference for difficult compounds.

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 200987 exceeded control limits for the following analytes: 1,4 Dioxane. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%. The analyte is ND in the affected samples.

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 201080 exceeded control limits for the following analyte: 2-Hexanone. Unlike the calibration standards, this is due to the coelution with n-Butyl 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.

Method 8260C: The continuing calibration verification (CCV) forDichlorodifluoromethane and Bromoform associated with batch 201129 recovered above the MCP upper control limit. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference.

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch201129 exceeded control limits for the following analytes: 2-Butanone and 2-Hexanone. Unlike the calibration standards, this is due to the coelution with Ethyl Acetate and n-butyl Acetate, respectively, 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 coeluted compounds can be distinguished from one another if present in a client sample.

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 201129 exceeded control limits for the following analyte: Dichlorodifluoromethane. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1017D-20140904-01 (480-66696-11). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) for Bromoform and Chlorodibromomethane associated with batch 201180 recovered above the MCP upper control limit. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference.

Job ID: 480-66696-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method 8260C: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 201180 exceeded control limits for the following analyte: 2-Hexanone. Unlike the calibration standards, this is due to the coelution with n-butyl 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.

Method 8260C: The continuing calibration verification (CCV) for Bromoform and Chlorodibromomethane associated with batch 201080 recovered above the MCP upper control limit. MCP protocol allows for 20% of the target compounds to be outside the 20% difference but not over 40% difference.

Method 8260C: The %RPD of the laboratory control standard duplicate (LCSD) for preparation batch 201129 recovered outside control limits for the following analyte: 1,4-Dioxane .

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 201180 exceeded control limits for the following analyte: Dichlorodifluoromethane. MCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are over 10%.

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 201180 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

Method 8260C: The %RPD of the laboratory control standard duplicate (LCSD) for preparation batch 201180 recovered outside control limits for the following analyte: 2-Butanone.

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 #: **480-66696-1**

Project Location: **IDS Wayland** RTN:

This form provides certifications for the data set for the following Laboratory Sample ID Number(s):

480-66696-1 [1-41]

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

CAM Protocols (check all that apply below):

8260 VOC CAM II A ■	7470/7471 Hg CAM III B ☐	Mass DEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	Mass DEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	Mass DEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☐	9012 / 9014/ 4500CN Total Cyanide/PAC CAM VI A ☐	6860 Perchlorate CAM VIII B ☐	

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

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

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

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes ■ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WCS-07-350**

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	☐ Yes ■ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s) ?	■ Yes ☐ No[1]

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

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

Signature:  Position: Technical Director, TestAmerica Westfield

Printed Name: Richard Emerich Date: 9/12/14 10:55

This form has been electronically signed and approved.

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Client Sample ID: TB-001-20140904-01 — Lab Sample ID: 480-66696-1

No Detections.

Client Sample ID: MW-217D-20140904-01 — Lab Sample ID: 480-66696-2

No Detections.

Client Sample ID: MW-217M-20140904-01 — Lab Sample ID: 480-66696-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.3		1.0		ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.0		1.0		ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	2.1		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.1		1.0		ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	7.6		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	8.7		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-217S-20140904-01 — Lab Sample ID: 480-66696-4

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Client Sample ID: MW-217D-20140904-01
Date Collected: 09/04/14 11:35
Date Received: 09/05/14 00:30

Lab Sample ID: 480-66696-2
Matrix: Water

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			09/05/14 17:05	1
1,3-Dichloropropane	ND		1.0		ug/L			09/05/14 17:05	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:05	1
1,4-Dioxane	ND	*	50		ug/L			09/05/14 17:05	1
2,2-Dichloropropane	ND		1.0		ug/L			09/05/14 17:05	1
2-Butanone (MEK)	ND		10		ug/L			09/05/14 17:05	1
2-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:05	1
2-Hexanone	ND		10		ug/L			09/05/14 17:05	1
4-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:05	1
4-Isopropyltoluene	ND		1.0		ug/L			09/05/14 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/05/14 17:05	1
Acetone	ND		50		ug/L			09/05/14 17:05	1
Benzene	ND		1.0		ug/L			09/05/14 17:05	1
Bromobenzene	ND		1.0		ug/L			09/05/14 17:05	1
Bromoform	ND		1.0		ug/L			09/05/14 17:05	1
Bromomethane	ND		2.0		ug/L			09/05/14 17:05	1
Carbon disulfide	ND		10		ug/L			09/05/14 17:05	1
Carbon tetrachloride	ND		1.0		ug/L			09/05/14 17:05	1
Chlorobenzene	ND		1.0		ug/L			09/05/14 17:05	1
Chlorobromomethane	ND		1.0		ug/L			09/05/14 17:05	1
Chlorodibromomethane	ND		0.50		ug/L			09/05/14 17:05	1
Chloroethane	ND		2.0		ug/L			09/05/14 17:05	1
Chloroform	ND		1.0		ug/L			09/05/14 17:05	1
Chloromethane	ND		2.0		ug/L			09/05/14 17:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 17:05	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:05	1
Dichlorobromomethane	ND		0.50		ug/L			09/05/14 17:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/05/14 17:05	1
Ethyl ether	ND		1.0		ug/L			09/05/14 17:05	1
Ethylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
Ethylene Dibromide	ND		1.0		ug/L			09/05/14 17:05	1
Hexachlorobutadiene	ND		0.40		ug/L			09/05/14 17:05	1
Isopropyl ether	ND		10		ug/L			09/05/14 17:05	1
Isopropylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/05/14 17:05	1
Methylene Chloride	ND		1.0		ug/L			09/05/14 17:05	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/05/14 17:05	1
Naphthalene	ND		5.0		ug/L			09/05/14 17:05	1
n-Butylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
N-Propylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
o-Xylene	ND		1.0		ug/L			09/05/14 17:05	1
sec-Butylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
Styrene	ND		1.0		ug/L			09/05/14 17:05	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/05/14 17:05	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/05/14 17:05	1
tert-Butylbenzene	ND		1.0		ug/L			09/05/14 17:05	1
Tetrachloroethene	ND		1.0		ug/L			09/05/14 17:05	1
Tetrahydrofuran	ND		10		ug/L			09/05/14 17:05	1
Toluene	ND		1.0		ug/L			09/05/14 17:05	1

Client Sample ID: MW-217D-20140904-01 — **Lab Sample ID: 480-66696-2**
Date Collected: 09/04/14 11:35 — **Matrix: Water**
Date Received: 09/05/14 00:30

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			09/05/14 17:05	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:05	1
Trichloroethene	ND		1.0		ug/L			09/05/14 17:05	1
Trichlorofluoromethane	ND		1.0		ug/L			09/05/14 17:05	1
Vinyl chloride	ND		1.0		ug/L			09/05/14 17:05	1
Dibromomethane	ND		1.0		ug/L			09/05/14 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/05/14 17:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*09/05/14 17:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*09/05/14 17:05*	*1*

Client Sample ID: MW-217M-20140904-01 — **Lab Sample ID: 480-66696-3**
Date Collected: 09/04/14 11:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

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			09/05/14 17:28	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/05/14 17:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/05/14 17:28	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/05/14 17:28	1
1,1-Dichloroethane	**2.3**		1.0		ug/L			09/05/14 17:28	1
1,1-Dichloroethene	**1.0**		1.0		ug/L			09/05/14 17:28	1
1,1-Dichloropropene	ND		1.0		ug/L			09/05/14 17:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/05/14 17:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/05/14 17:28	1
1,2-Dichlorobenzene	**2.1**		1.0		ug/L			09/05/14 17:28	1
1,2-Dichloroethane	ND		1.0		ug/L			09/05/14 17:28	1
1,2-Dichloropropane	ND		1.0		ug/L			09/05/14 17:28	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,3-Dichloropropane	ND		1.0		ug/L			09/05/14 17:28	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:28	1
1,4-Dioxane	ND	*	50		ug/L			09/05/14 17:28	1
2,2-Dichloropropane	ND		1.0		ug/L			09/05/14 17:28	1
2-Butanone (MEK)	ND		10		ug/L			09/05/14 17:28	1
2-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:28	1
2-Hexanone	ND		10		ug/L			09/05/14 17:28	1
4-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:28	1
4-Isopropyltoluene	ND		1.0		ug/L			09/05/14 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/05/14 17:28	1
Acetone	ND		50		ug/L			09/05/14 17:28	1
Benzene	ND		1.0		ug/L			09/05/14 17:28	1
Bromobenzene	ND		1.0		ug/L			09/05/14 17:28	1
Bromoform	ND		1.0		ug/L			09/05/14 17:28	1
Bromomethane	ND		2.0		ug/L			09/05/14 17:28	1

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Client Sample ID: MW-217M-20140904-01
Date Collected: 09/04/14 11:25
Date Received: 09/05/14 00:30

Lab Sample ID: 480-66696-3
Matrix: Water

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			09/05/14 17:28	1
Carbon tetrachloride	ND		1.0		ug/L			09/05/14 17:28	1
Chlorobenzene	ND		1.0		ug/L			09/05/14 17:28	1
Chlorobromomethane	ND		1.0		ug/L			09/05/14 17:28	1
Chlorodibromomethane	ND		0.50		ug/L			09/05/14 17:28	1
Chloroethane	ND		2.0		ug/L			09/05/14 17:28	1
Chloroform	ND		1.0		ug/L			09/05/14 17:28	1
Chloromethane	ND		2.0		ug/L			09/05/14 17:28	1
cis-1,2-Dichloroethene	**1.1**		1.0		ug/L			09/05/14 17:28	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:28	1
Dichlorobromomethane	ND		0.50		ug/L			09/05/14 17:28	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/05/14 17:28	1
Ethyl ether	ND		1.0		ug/L			09/05/14 17:28	1
Ethylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
Ethylene Dibromide	ND		1.0		ug/L			09/05/14 17:28	1
Hexachlorobutadiene	ND		0.40		ug/L			09/05/14 17:28	1
Isopropyl ether	ND		10		ug/L			09/05/14 17:28	1
Isopropylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
Methyl tert-butyl ether	**7.6**		1.0		ug/L			09/05/14 17:28	1
Methylene Chloride	ND		1.0		ug/L			09/05/14 17:28	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/05/14 17:28	1
Naphthalene	ND		5.0		ug/L			09/05/14 17:28	1
n-Butylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
N-Propylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
o-Xylene	ND		1.0		ug/L			09/05/14 17:28	1
sec-Butylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
Styrene	ND		1.0		ug/L			09/05/14 17:28	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/05/14 17:28	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/05/14 17:28	1
tert-Butylbenzene	ND		1.0		ug/L			09/05/14 17:28	1
Tetrachloroethene	ND		1.0		ug/L			09/05/14 17:28	1
Tetrahydrofuran	ND		10		ug/L			09/05/14 17:28	1
Toluene	ND		1.0		ug/L			09/05/14 17:28	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 17:28	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:28	1
Trichloroethene	**8.7**		1.0		ug/L			09/05/14 17:28	1
Trichlorofluoromethane	ND		1.0		ug/L			09/05/14 17:28	1
Vinyl chloride	ND		1.0		ug/L			09/05/14 17:28	1
Dibromomethane	ND		1.0		ug/L			09/05/14 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/05/14 17:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*09/05/14 17:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*09/05/14 17:28*	*1*

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Client Sample ID: MW-217S-20140904-01
Date Collected: 09/04/14 11:15
Date Received: 09/05/14 00:30

Lab Sample ID: 480-66696-4
Matrix: Water

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			09/05/14 17:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/05/14 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/05/14 17:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/05/14 17:53	1
1,1-Dichloroethane	ND		1.0		ug/L			09/05/14 17:53	1
1,1-Dichloroethene	ND		1.0		ug/L			09/05/14 17:53	1
1,1-Dichloropropene	ND		1.0		ug/L			09/05/14 17:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/05/14 17:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			09/05/14 17:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,2-Dichloroethane	ND		1.0		ug/L			09/05/14 17:53	1
1,2-Dichloropropane	ND		1.0		ug/L			09/05/14 17:53	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,3-Dichloropropane	ND		1.0		ug/L			09/05/14 17:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
1,4-Dioxane	ND	*	50		ug/L			09/05/14 17:53	1
2,2-Dichloropropane	ND		1.0		ug/L			09/05/14 17:53	1
2-Butanone (MEK)	ND		10		ug/L			09/05/14 17:53	1
2-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:53	1
2-Hexanone	ND		10		ug/L			09/05/14 17:53	1
4-Chlorotoluene	ND		1.0		ug/L			09/05/14 17:53	1
4-Isopropyltoluene	ND		1.0		ug/L			09/05/14 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			09/05/14 17:53	1
Acetone	ND		50		ug/L			09/05/14 17:53	1
Benzene	ND		1.0		ug/L			09/05/14 17:53	1
Bromobenzene	ND		1.0		ug/L			09/05/14 17:53	1
Bromoform	ND		1.0		ug/L			09/05/14 17:53	1
Bromomethane	ND		2.0		ug/L			09/05/14 17:53	1
Carbon disulfide	ND		10		ug/L			09/05/14 17:53	1
Carbon tetrachloride	ND		1.0		ug/L			09/05/14 17:53	1
Chlorobenzene	ND		1.0		ug/L			09/05/14 17:53	1
Chlorobromomethane	ND		1.0		ug/L			09/05/14 17:53	1
Chlorodibromomethane	ND		0.50		ug/L			09/05/14 17:53	1
Chloroethane	ND		2.0		ug/L			09/05/14 17:53	1
Chloroform	ND		1.0		ug/L			09/05/14 17:53	1
Chloromethane	ND		2.0		ug/L			09/05/14 17:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 17:53	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:53	1
Dichlorobromomethane	ND		0.50		ug/L			09/05/14 17:53	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/05/14 17:53	1
Ethyl ether	ND		1.0		ug/L			09/05/14 17:53	1
Ethylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
Ethylene Dibromide	ND		1.0		ug/L			09/05/14 17:53	1
Hexachlorobutadiene	ND		0.40		ug/L			09/05/14 17:53	1
Isopropyl ether	ND		10		ug/L			09/05/14 17:53	1

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

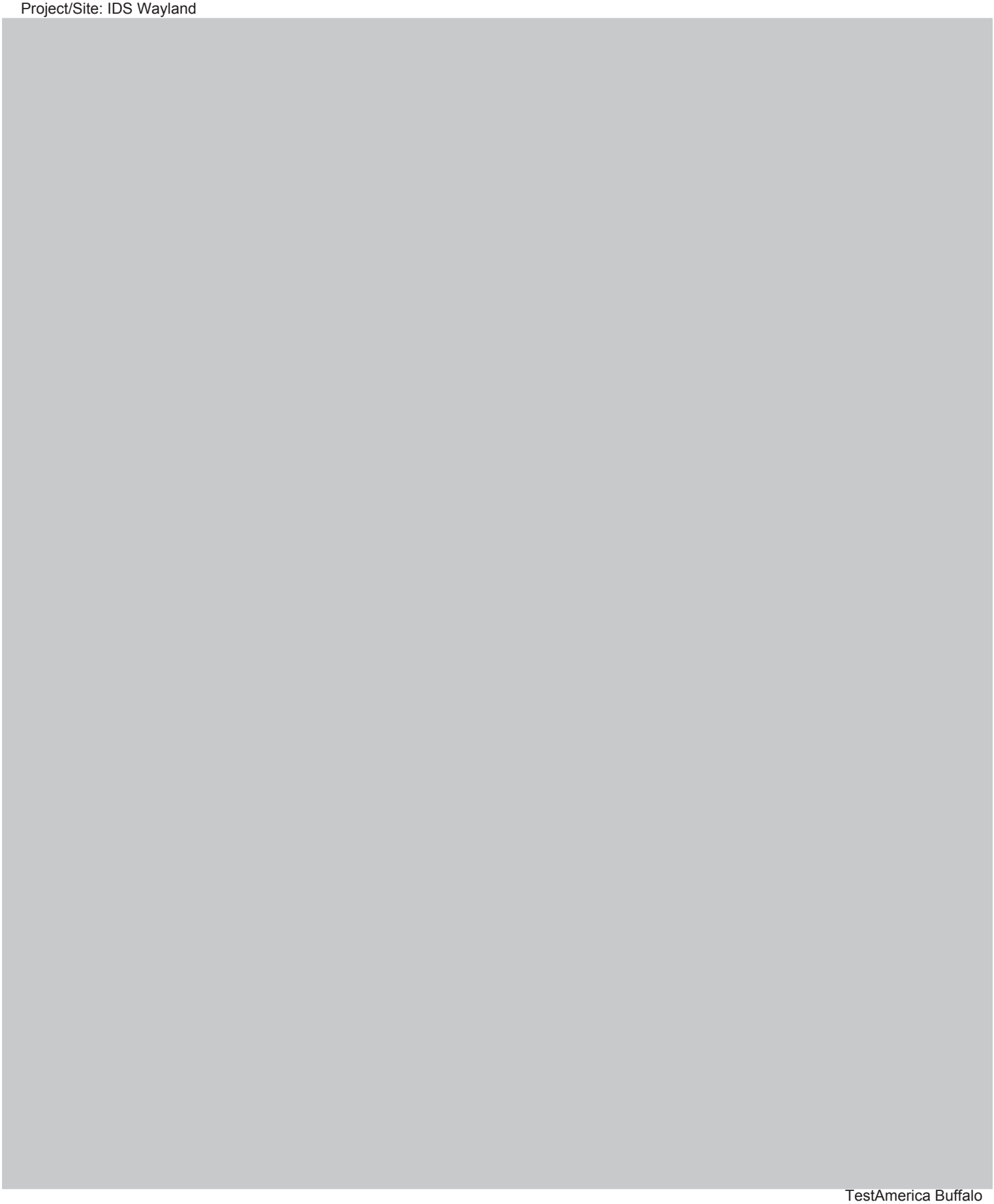
Client Sample ID: MW-217S-20140904-01
Date Collected: 09/04/14 11:15
Date Received: 09/05/14 00:30

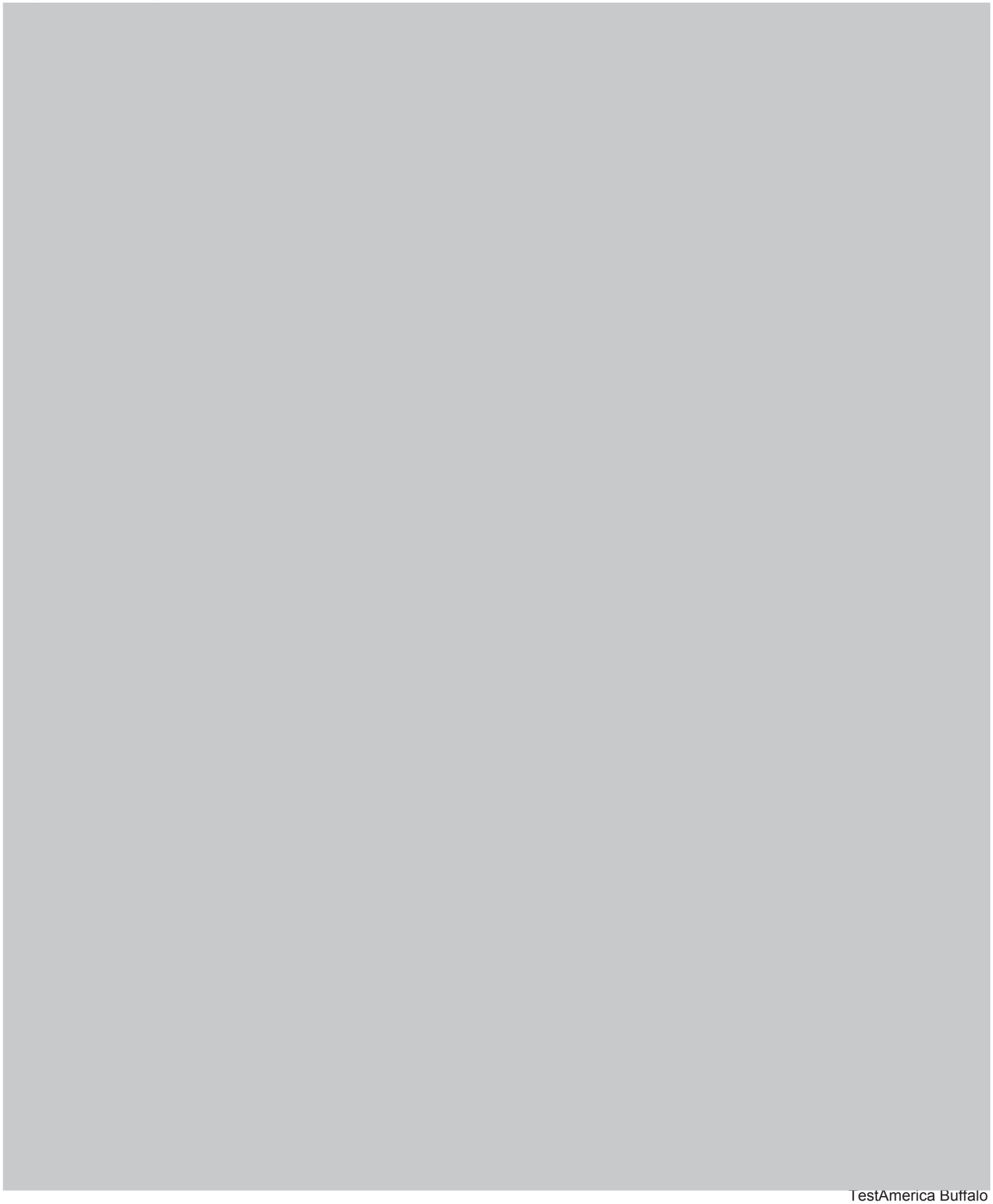
Lab Sample ID: 480-66696-4
Matrix: Water

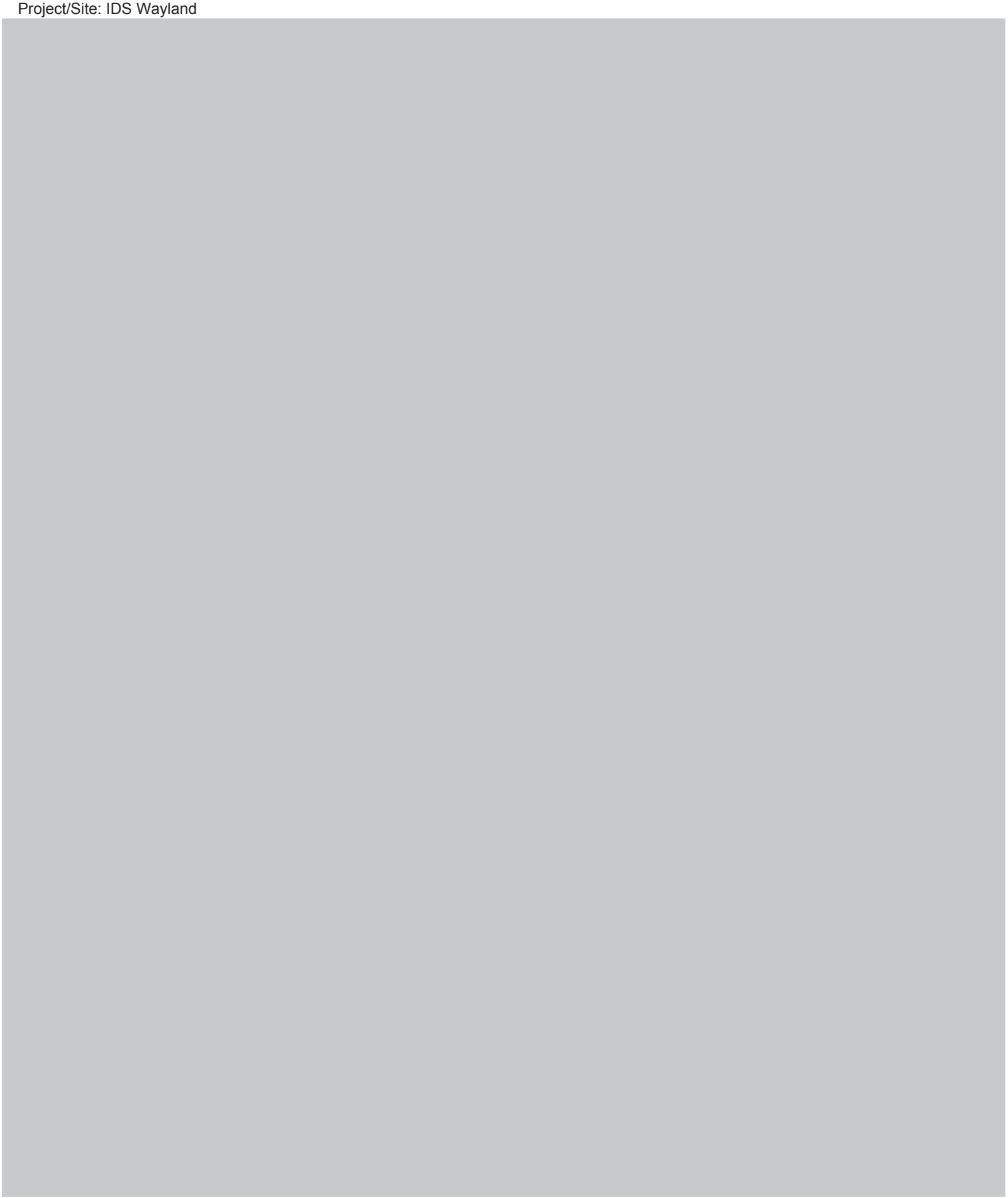
Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

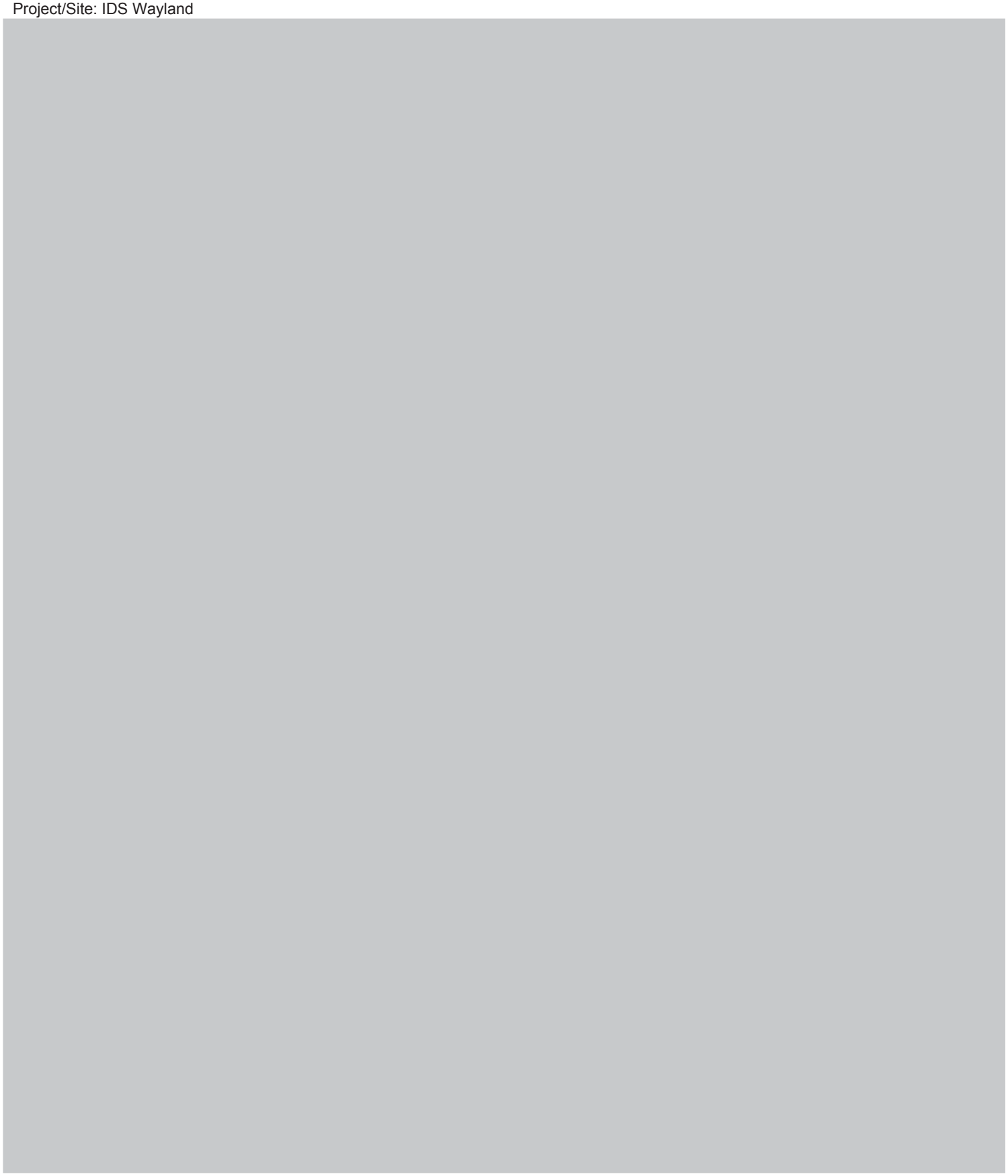
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/05/14 17:53	1
Methylene Chloride	ND		1.0		ug/L			09/05/14 17:53	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/05/14 17:53	1
Naphthalene	ND		5.0		ug/L			09/05/14 17:53	1
n-Butylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
N-Propylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
o-Xylene	ND		1.0		ug/L			09/05/14 17:53	1
sec-Butylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
Styrene	ND		1.0		ug/L			09/05/14 17:53	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/05/14 17:53	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/05/14 17:53	1
tert-Butylbenzene	ND		1.0		ug/L			09/05/14 17:53	1
Tetrachloroethene	ND		1.0		ug/L			09/05/14 17:53	1
Tetrahydrofuran	ND		10		ug/L			09/05/14 17:53	1
Toluene	ND		1.0		ug/L			09/05/14 17:53	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 17:53	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			09/05/14 17:53	1
Trichloroethene	ND		1.0		ug/L			09/05/14 17:53	1
Trichlorofluoromethane	ND		1.0		ug/L			09/05/14 17:53	1
Vinyl chloride	ND		1.0		ug/L			09/05/14 17:53	1
Dibromomethane	ND		1.0		ug/L			09/05/14 17:53	1

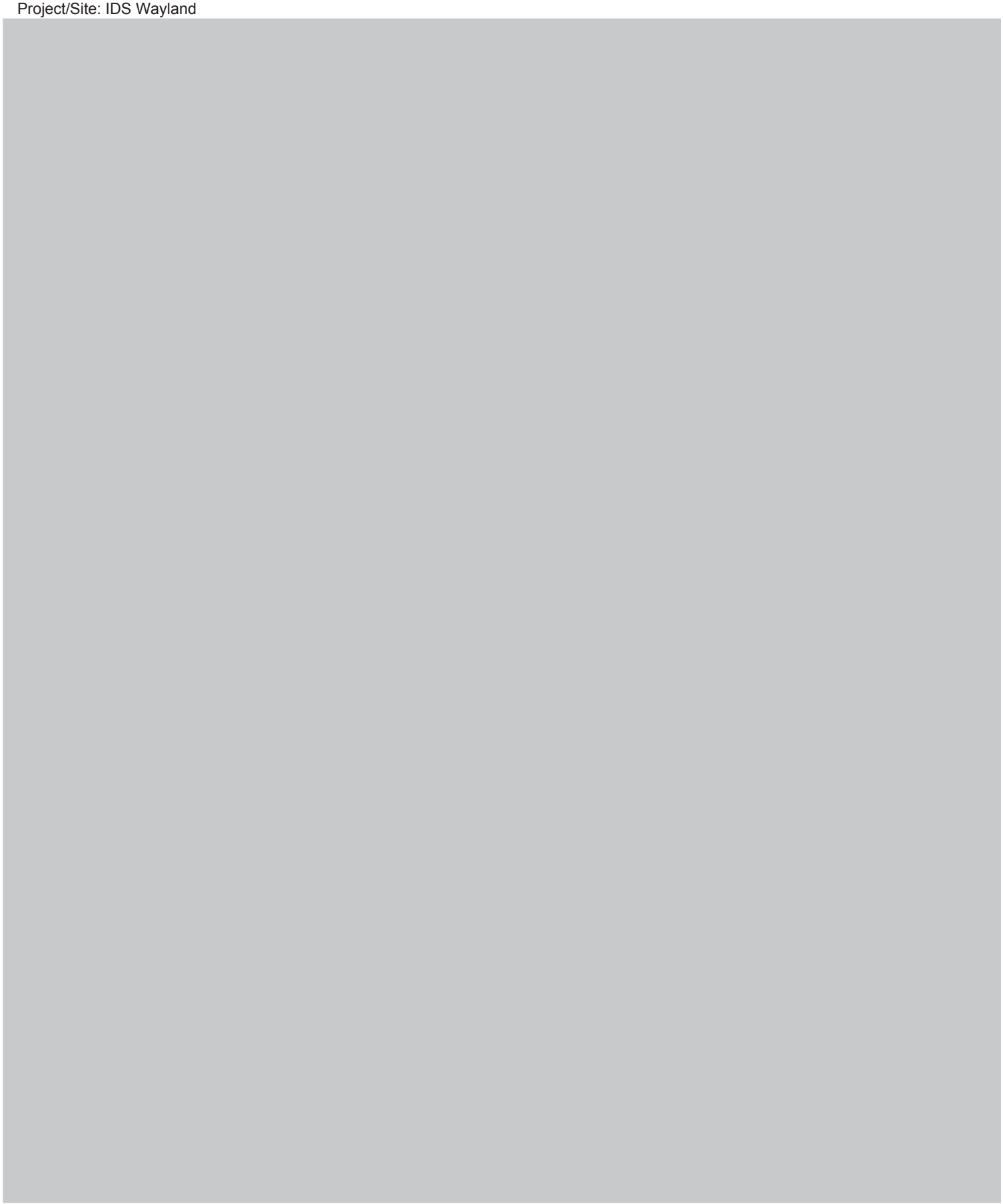
Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/05/14 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/05/14 17:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*09/05/14 17:53*	*1*

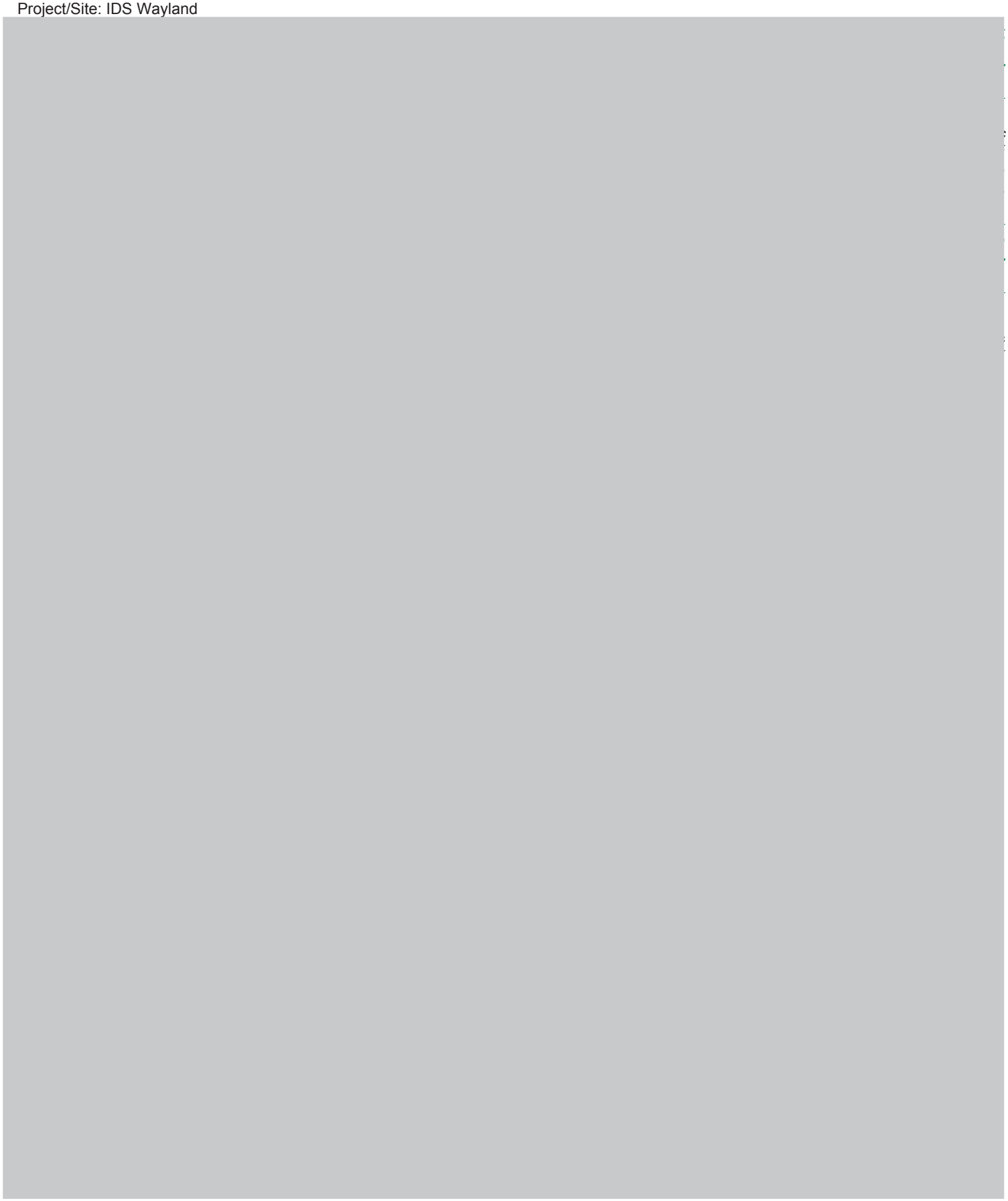












Surrogate Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	12DCE	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
480-66696-1	TB-001-20140904-01	120	119	130
480-66696-2	MW-217D-20140904-01	102	97	98
480-66696-3	MW-217M-20140904-01	102	102	101
480-66696-4	MW-217S-20140904-01	107	94	97
480-66696-5	MW-1024D-20140904-01	103	100	94
480-66696-6	MW-1025M-20140904-01	92	87	108
480-66696-7	MW-1025D-20140904-01	95	90	111
480-66696-8	MW-1019B-20140904-01	91	90	109
480-66696-9	MW-1020-20140904-01	93	90	110
480-66696-10	MW-1018-20140904-01	93	83	112
480-66696-11	MW-1017D-20140904-01	95	87	110
480-66696-11 - DL	MW-1017D-20140904-01	92	85	109
480-66696-12	MW-1015D-20140904-01	93	92	109
480-66696-13	MW-1033-20140904-01	91	90	105
480-66696-14	MW-1027-20140904-01	92	89	104
480-66696-15	MW-1028-20140904-01	93	90	107
480-66696-16	MW-1030-20140904-01	93	91	108
480-66696-17	MW-1031-20140904-01	93	88	108
480-66696-18	MW-1032-20140904-01	93	88	110
480-66696-19	MW-1022-20140904-01	91	86	110
480-66696-20	MW-1023-20140904-01	93	88	109
480-66696-21	MW-1013-20140904-01	93	87	109
480-66696-22	MW-1034-20140904-01	93	88	111
480-66696-23	DUP-004-20140904-01	93	89	108
480-66696-24	DUP-003-20140904-01	91	85	107
480-66696-25	MW-1001M-20140904-01	92	87	106
480-66696-26	MW-1001B-20140904-01	92	89	108
480-66696-27	MW-1003-20140904-01	92	90	107
480-66696-28	MW-1004-20140904-01	92	88	108
480-66696-29	MW-1005-20140904-01	91	90	107
480-66696-30	MW-1006-20140904-01	91	90	106
480-66696-31	MW-1008-20140904-01	92	84	114
480-66696-32	MW-1010M-20140904-01	91	85	112
480-66696-33	MW-1010D-20140904-02	89	82	109
480-66696-34	MW-1011-20140904-01	92	83	110
480-66696-35	MW-1016D-20140904-01	92	84	110
480-66696-36	MW-1009-20140904-01	90	84	107
480-66696-37	DUP-001-20140904-01	90	86	108
480-66696-38	DUP-002-20140904-01	92	86	111
480-66696-39	SEN-3-20140904-01	91	87	113
480-66696-40	SEN-2M-20140904-01	91	87	110
480-66696-41	SEN-2D-20140904-01	90	88	108
LCS 480-200987/4	Lab Control Sample	103	97	93
LCS 480-201080/5	Lab Control Sample	95	96	113
LCS 480-201129/5	Lab Control Sample	94	82	114
LCS 480-201180/5	Lab Control Sample	94	88	116
LCSD 480-200987/5	Lab Control Sample Dup	95	97	92
LCSD 480-201080/6	Lab Control Sample Dup	94	95	115
LCSD 480-201129/6	Lab Control Sample Dup	95	93	114

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	12DCE	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
LCSD 480-201180/6	Lab Control Sample Dup	94	88	117
MB 480-200987/7	Method Blank	103	98	102
MB 480-201080/8	Method Blank	93	88	108
MB 480-201129/8	Method Blank	93	87	111
MB 480-201180/8	Method Blank	92	83	111

Surrogate Legend

TOL = Toluene-d8 (Surr)

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

BFB = 4-Bromofluorobenzene (Surr)

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

Lab Sample ID: MB 480-200987/7
Matrix: Water
Analysis Batch: 200987

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			09/05/14 12:p1	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/05/14 12:p1	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/05/14 12:p1	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/05/14 12:p1	1
1,1-Dichloroethane	ND		1.0		ug/L			09/05/14 12:p1	1
1,1-Dichloroethene	ND		1.0		ug/L			09/05/14 12:p1	1
1,1-Dichloro3ro3ene	ND		1.0		ug/L			09/05/14 12:p1	1
1,2,p-Trichlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,2,p-Trichloro3ro3ane	ND		1.0		ug/L			09/05/14 12:p1	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,2-Dibromo-p-Chloro3ro3ane	ND		5.0		ug/L			09/05/14 12:p1	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,2-Dichloroethane	ND		1.0		ug/L			09/05/14 12:p1	1
1,2-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 12:p1	1
1,p,5-Trimethylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,p-Dichlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,p-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 12:p1	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
1,4-Dioxane	ND		50		ug/L			09/05/14 12:p1	1
2,2-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 12:p1	1
2-* utanone BME(K	ND		10		ug/L			09/05/14 12:p1	1
2-Chlorotoluene	ND		1.0		ug/L			09/05/14 12:p1	1
2-) exanone	ND		10		ug/L			09/05/14 12:p1	1
4-Chlorotoluene	ND		1.0		ug/L			09/05/14 12:p1	1
4-Iso3ro3yltoluene	ND		1.0		ug/L			09/05/14 12:p1	1
4-Methyl-2-3entanone BMI* (K	ND		10		ug/L			09/05/14 12:p1	1
Acetone	ND		50		ug/L			09/05/14 12:p1	1
* enzene	ND		1.0		ug/L			09/05/14 12:p1	1
* romobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
* romoHorm	ND		1.0		ug/L			09/05/14 12:p1	1
* romomethane	ND		2.0		ug/L			09/05/14 12:p1	1
Carbon disulHide	ND		10		ug/L			09/05/14 12:p1	1
Carbon tetrachloride	ND		1.0		ug/L			09/05/14 12:p1	1
Chlorobenzene	ND		1.0		ug/L			09/05/14 12:p1	1
Chlorobromomethane	ND		1.0		ug/L			09/05/14 12:p1	1
Chlorodibromomethane	ND		0.50		ug/L			09/05/14 12:p1	1
Chloroethane	ND		2.0		ug/L			09/05/14 12:p1	1
ChloroHorm	ND		1.0		ug/L			09/05/14 12:p1	1
Chloromethane	ND		2.0		ug/L			09/05/14 12:p1	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 12:p1	1
cis-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/05/14 12:p1	1
Dichlorobromomethane	ND		0.50		ug/L			09/05/14 12:p1	1
DichlorodiHluoromethane	ND		1.0		ug/L			09/05/14 12:p1	1
Ethyl ether	ND		1.0		ug/L			09/05/14 12:p1	1
Ethylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
Ethylene Dibromide	ND		1.0		ug/L			09/05/14 12:p1	1
) exachlorobutadiene	ND		0.40		ug/L			09/05/14 12:p1	1

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

Lab Sample ID: MB 480-200987/7
Matrix: Water
Analysis Batch: 200987

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iso3ro3yl ether	ND		10		ug/L			09/05/14 12:p1	1
Iso3ro3ylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/05/14 12:p1	1
Methylene Chloride	ND		1.0		ug/L			09/05/14 12:p1	1
m-f ylene X 3-f ylene	ND		2.0		ug/L			09/05/14 12:p1	1
Na3hthalene	ND		5.0		ug/L			09/05/14 12:p1	1
n-* utylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
N-Pro3ylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
o-f ylene	ND		1.0		ug/L			09/05/14 12:p1	1
sec-* utylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
Styrene	ND		1.0		ug/L			09/05/14 12:p1	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/05/14 12:p1	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/05/14 12:p1	1
tert-* utylbenzene	ND		1.0		ug/L			09/05/14 12:p1	1
Tetrachloroethene	ND		1.0		ug/L			09/05/14 12:p1	1
TetrahydroHuran	ND		10		ug/L			09/05/14 12:p1	1
Toluene	ND		1.0		ug/L			09/05/14 12:p1	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 12:p1	1
trans-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/05/14 12:p1	1
Trichloroethene	ND		1.0		ug/L			09/05/14 12:p1	1
TrichloroHluoromethane	ND		1.0		ug/L			09/05/14 12:p1	1
&inyl chloride	ND		1.0		ug/L			09/05/14 12:p1	1
Dibromomethane	ND		1.0		ug/L			09/05/14 12:p1	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*120*		*72 - 102*		*239/ 9/5 1460 1*	*1*
1:4-, Dcloroeht ne-d5 (Surr)	*38*		*72 - 102*		*239/ 9/5 1460 1*	*1*
5-aroB orhuorof enbene (Surr)	*124*		*72 - 102*		*239/ 9/5 1460 1*	*1*

Lab Sample ID: LCS 480-200987/4
Matrix: Water
Analysis Batch: 200987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.2		ug/L		101	V0 - 1p0
1,1,1-Trichloroethane	25.0	25.8		ug/L		10p	V0 - 1p0
1,1,2,2-Tetrachloroethane	25.0	25.6		ug/L		102	V0 - 1p0
1,1,2-Trichloroethane	25.0	2p.p		ug/L		9p	V0 - 1p0
1,1-Dichloroethane	25.0	24.1		ug/L		96	V0 - 1p0
1,1-Dichloroethene	25.0	26.0		ug/L		104	V0 - 1p0
1,1-Dichloro3ro3ene	25.0	25.6		ug/L		102	V0 - 1p0
1,2,p-Trichlorobenzene	25.0	29.1		ug/L		116	V0 - 1p0
1,2,p-Trichloro3ro3ane	25.0	25.p		ug/L		101	V0 - 1p0
1,2,4-Trichlorobenzene	25.0	28.8		ug/L		115	V0 - 1p0
1,2,4-Trimethylbenzene	25.0	26.2		ug/L		105	V0 - 1p0
1,2-Dibromo-p-Chloro3ro3ane	25.0	29.2		ug/L		11V	V0 - 1p0
1,2-Dichlorobenzene	25.0	28.0		ug/L		112	V0 - 1p0
1,2-Dichloroethane	25.0	24.V		ug/L		99	V0 - 1p0

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

Lab Sample ID: LCS 480-200987/4
Matrix: Water
Analysis Batch: 200987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloro3ro3ane	25.0	25.9		ug/L		104	V0 - 1p0
1,p,5-Trimethylbenzene	25.0	26.6		ug/L		106	V0 - 1p0
1,p-Dichlorobenzene	25.0	26.1		ug/L		104	V0 - 1p0
1,p-Dichloro3ro3ane	25.0	24.2		ug/L		9V	V0 - 1p0
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	V0 - 1p0
1,4-Dioxane	500	V24	7	ug/L		145	V0 - 1p0
2,2-Dichloro3ro3ane	25.0	25.4		ug/L		102	V0 - 1p0
2-* utanone BME(K	125	1p1		ug/L		105	V0 - 1p0
2-Chlorotoluene	25.0	25.V		ug/L		10p	V0 - 1p0
2-) exanone	125	108		ug/L		86	V0 - 1p0
4-Chlorotoluene	25.0	2p.8		ug/L		95	V0 - 1p0
4-Iso3ro3yltoluene	25.0	2V.4		ug/L		109	V0 - 1p0
4-Methyl-2-3entanone BMI* (K	125	112		ug/L		89	V0 - 1p0
Acetone	125	140		ug/L		112	V0 - 1p0
* enzene	25.0	25.V		ug/L		10p	V0 - 1p0
* romobenzene	25.0	25.1		ug/L		100	V0 - 1p0
* romoHorm	25.0	26.5		ug/L		106	V0 - 1p0
* romomethane	25.0	18.2		ug/L		Vp	V0 - 1p0
Carbon disulHide	25.0	25.4		ug/L		101	V0 - 1p0
Carbon tetrachloride	25.0	25.8		ug/L		10p	V0 - 1p0
Chlorobenzene	25.0	25.6		ug/L		102	V0 - 1p0
Chlorobromomethane	25.0	25.6		ug/L		102	V0 - 1p0
Chlorodibromomethane	25.0	25.8		ug/L		10p	V0 - 1p0
Chloroethane	25.0	19.4		ug/L		VV	V0 - 1p0
ChloroHorm	25.0	24.9		ug/L		100	V0 - 1p0
Chloromethane	25.0	2p.9		ug/L		96	V0 - 1p0
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	V0 - 1p0
cis-1,p-Dichloro3ro3ene	25.0	28.2		ug/L		11p	V0 - 1p0
Dichlorobromomethane	25.0	25.V		ug/L		10p	V0 - 1p0
DichlorodiHluoromethane	25.0	22.8		ug/L		91	V0 - 1p0
Ethyl ether	25.0	2p.1		ug/L		92	V0 - 1p0
Ethylbenzene	25.0	25.6		ug/L		102	V0 - 1p0
Ethylene Dibromide	25.0	25.6		ug/L		102	V0 - 1p0
) exachlorobutadiene	25.0	26.5		ug/L		106	V0 - 1p0
Iso3ro3yl ether	25.0	22.9		ug/L		92	V0 - 1p0
Iso3ro3ylbenzene	25.0	2V.8		ug/L		111	V0 - 1p0
Methyl tert-butyl ether	25.0	2p.1		ug/L		92	V0 - 1p0
Methylene Chloride	25.0	25.5		ug/L		102	V0 - 1p0
m-f ylene X 3-f ylene	25.0	25.6		ug/L		102	V0 - 1p0
Na3hthalene	25.0	2V.p		ug/L		109	V0 - 1p0
n-* utylbenzene	25.0	28.V		ug/L		115	V0 - 1p0
N-Pro3ylbenzene	25.0	26.2		ug/L		105	V0 - 1p0
o-f ylene	25.0	26.0		ug/L		104	V0 - 1p0
sec-* utylbenzene	25.0	26.p		ug/L		105	V0 - 1p0
Styrene	25.0	26.2		ug/L		105	V0 - 1p0
Tert-amyl methyl ether	25.0	28.9		ug/L		116	V0 - 1p0
Tert-butyl ethyl ether	25.0	24.9		ug/L		100	V0 - 1p0
tert-* utylbenzene	25.0	26.2		ug/L		105	V0 - 1p0

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

Lab Sample ID: LCS 480-200987/4
Matrix: Water
Analysis Batch: 200987

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			25.0	24.6		ug/L		98	V0 - 1p0		
Tetrahydroh.ran			50.0	6p.2		ug/L		126	V0 - 1p0		
Toluene			25.0	26.4		ug/L		106	V0 - 1p0		
trans-1,2-Dichloroethene			25.0	2p.V		ug/L		95	V0 - 1p0		
trans-1,p-Dichloro3ro3ene			25.0	28.0		ug/L		112	V0 - 1p0		
Trichloroethene			25.0	2V.0		ug/L		108	V0 - 1p0		
TrichloroHluoromethane			25.0	24.0		ug/L		96	V0 - 1p0		
&inyl chloride			25.0	21.9		ug/L		8V	V0 - 1p0		
Dibromomethane			25.0	26.4		ug/L		105	V0 - 1p0		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*120*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*37*		*72 - 102*
5-aroB orhuorof enbene (Surr)	*30*		*72 - 102*

Lab Sample ID: LCSD 480-200987/5
Matrix: Water
Analysis Batch: 200987

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	2p.9		ug/L		96	V0 - 1p0	5	20
1,1,1-Trichloroethane			25.0	24.2		ug/L		9V	V0 - 1p0	6	20
1,1,2,2-Tetrachloroethane			25.0	24.2		ug/L		9V	V0 - 1p0	6	20
1,1,2-Trichloroethane			25.0	25.8		ug/L		10p	V0 - 1p0	10	20
1,1-Dichloroethane			25.0	21.4		ug/L		85	V0 - 1p0	12	20
1,1-Dichloroethene			25.0	22.V		ug/L		91	V0 - 1p0	14	20
1,1-Dichloro3ro3ene			25.0	2p.8		ug/L		95	V0 - 1p0	8	20
1,2,p-Trichlorobenzene			25.0	28.0		ug/L		112	V0 - 1p0	4	20
1,2,p-Trichloro3ro3ane			25.0	24.2		ug/L		9V	V0 - 1p0	5	20
1,2,4-Trichlorobenzene			25.0	25.p		ug/L		101	V0 - 1p0	1p	20
1,2,4-Trimethylbenzene			25.0	24.6		ug/L		98	V0 - 1p0	6	20
1,2-Dibromo-p-Chloro3ro3ane			25.0	26.2		ug/L		105	V0 - 1p0	11	20
1,2-Dichlorobenzene			25.0	25.4		ug/L		102	V0 - 1p0	10	20
1,2-Dichloroethane			25.0	2p.5		ug/L		94	V0 - 1p0	5	20
1,2-Dichloro3ro3ane			25.0	25.0		ug/L		100	V0 - 1p0	4	20
1,p,5-Trimethylbenzene			25.0	24.8		ug/L		99	V0 - 1p0	V	20
1,p-Dichlorobenzene			25.0	25.p		ug/L		101	V0 - 1p0	p	20
1,p-Dichloro3ro3ane			25.0	2p.5		ug/L		94	V0 - 1p0	p	20
1,4-Dichlorobenzene			25.0	25.9		ug/L		104	V0 - 1p0	2	20
1,4-Dioxane			500	V62	7	ug/L		152	V0 - 1p0	5	20
2,2-Dichloro3ro3ane			25.0	24.9		ug/L		100	V0 - 1p0	2	20
2-* utanone BME(K			125	1p1		ug/L		105	V0 - 1p0	0	20
2-Chlorotoluene			25.0	24.8		ug/L		99	V0 - 1p0	4	20
2-) exanone			125	116		ug/L		9p	V0 - 1p0	V	20
4-Chlorotoluene			25.0	22.1		ug/L		89	V0 - 1p0	V	20
4-Iso3ro3yltoluene			25.0	25.9		ug/L		104	V0 - 1p0	5	20
4-Methyl-2-3entanone BMI* (K			125	10p		ug/L		8p	V0 - 1p0	8	20
Acetone			125	12V		ug/L		101	V0 - 1p0	10	20

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

Lab Sample ID: LCSD 480-200987/5
Matrix: Water
Analysis Batch: 200987

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
* enzene	25.0	24.5		ug/L		98	V0 - 1p0	5	20
* romobenzene	25.0	2p.9		ug/L		96	V0 - 1p0	5	20
* romoh•rm	25.0	24.6		ug/L		98	V0 - 1p0	8	20
* romomethane	25.0	19.8		ug/L		V9	V0 - 1p0	9	20
Carbon disulh•de	25.0	21.8		ug/L		8V	V0 - 1p0	15	20
Carbon tetrachloride	25.0	2p.V		ug/L		95	V0 - 1p0	9	20
Chlorobenzene	25.0	24.5		ug/L		98	V0 - 1p0	4	20
Chlorobromomethane	25.0	25.0		ug/L		100	V0 - 1p0	2	20
Chlorodibromomethane	25.0	26.6		ug/L		106	V0 - 1p0	p	20
Chloroethane	25.0	1V.8		ug/L		V1	V0 - 1p0	8	20
Chloroh•rm	25.0	2p.6		ug/L		94	V0 - 1p0	6	20
Chloromethane	25.0	2p.0		ug/L		92	V0 - 1p0	4	20
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	V0 - 1p0	4	20
cis-1,p-Dichloro3ro3ene	25.0	28.V		ug/L		115	V0 - 1p0	2	20
Dichlorobromomethane	25.0	24.4		ug/L		9V	V0 - 1p0	5	20
Dichlorodih•uoromethane	25.0	21.0		ug/L		84	V0 - 1p0	9	20
Ethyl ether	25.0	2p.p		ug/L		9p	V0 - 1p0	1	20
Ethylbenzene	25.0	24.2		ug/L		9V	V0 - 1p0	6	20
Ethylene Dibromide	25.0	25.9		ug/L		104	V0 - 1p0	1	20
) exachlorobutadiene	25.0	22.9		ug/L		91	V0 - 1p0	15	20
Iso3ro3yl ether	25.0	21.p		ug/L		85	V0 - 1p0	V	20
Iso3ro3ylbenzene	25.0	2p.6		ug/L		94	V0 - 1p0	16	20
Methyl tert-butyl ether	25.0	22.p		ug/L		89	V0 - 1p0	4	20
Methylene Chloride	25.0	2p.2		ug/L		9p	V0 - 1p0	10	20
m-f ylene X 3-f ylene	25.0	24.p		ug/L		9V	V0 - 1p0	5	20
Na3hthalene	25.0	2V.8		ug/L		111	V0 - 1p0	2	20
n-* utylbenzene	25.0	26.0		ug/L		104	V0 - 1p0	10	20
N-Pro3ylbenzene	25.0	24.1		ug/L		96	V0 - 1p0	8	20
o-f ylene	25.0	22.2		ug/L		89	V0 - 1p0	16	20
sec-* utylbenzene	25.0	24.1		ug/L		9V	V0 - 1p0	9	20
Styrene	25.0	22.2		ug/L		89	V0 - 1p0	16	20
Tert-amyl methyl ether	25.0	28.V		ug/L		115	V0 - 1p0	1	20
Tert-butyl ethyl ether	25.0	24.0		ug/L		96	V0 - 1p0	4	20
tert-* utylbenzene	25.0	24.2		ug/L		9V	V0 - 1p0	8	20
Tetrachloroethene	25.0	25.1		ug/L		101	V0 - 1p0	2	20
Tetrahydroh•ran	50.0	62.2		ug/L		124	V0 - 1p0	2	20
Toluene	25.0	2p.2		ug/L		9p	V0 - 1p0	1p	20
trans-1,2-Dichloroethene	25.0	22.0		ug/L		88	V0 - 1p0	8	20
trans-1,p-Dichloro3ro3ene	25.0	2V.9		ug/L		112	V0 - 1p0	0	20
Trichloroethene	25.0	24.0		ug/L		96	V0 - 1p0	12	20
Trichloroh•uoromethane	25.0	22.1		ug/L		88	V0 - 1p0	8	20
&inyl chloride	25.0	21.0		ug/L		84	V0 - 1p0	4	20
Dibromomethane	25.0	24.6		ug/L		98	V0 - 1p0	V	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*3/*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*37*		*72 - 102*
5-aroB omuorof enbene (Surr)	*34*		*72 - 102*

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

Lab Sample ID: MB 480-201080/8
Matrix: Water
Analysis Batch: 201080

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			09/05/14 2p:40	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/05/14 2p:40	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/05/14 2p:40	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/05/14 2p:40	1
1,1-Dichloroethane	ND		1.0		ug/L			09/05/14 2p:40	1
1,1-Dichloroethene	ND		1.0		ug/L			09/05/14 2p:40	1
1,1-Dichloro3ro3ene	ND		1.0		ug/L			09/05/14 2p:40	1
1,2,p-Trichlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,2,p-Trichloro3ro3ane	ND		1.0		ug/L			09/05/14 2p:40	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,2-Dibromo-p-Chloro3ro3ane	ND		5.0		ug/L			09/05/14 2p:40	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,2-Dichloroethane	ND		1.0		ug/L			09/05/14 2p:40	1
1,2-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 2p:40	1
1,p,5-Trimethylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,p-Dichlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,p-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 2p:40	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
1,4-Dioxane	ND		50		ug/L			09/05/14 2p:40	1
2,2-Dichloro3ro3ane	ND		1.0		ug/L			09/05/14 2p:40	1
2-* utanone BME(K	ND		10		ug/L			09/05/14 2p:40	1
2-Chlorotoluene	ND		1.0		ug/L			09/05/14 2p:40	1
2-) exanone	ND		10		ug/L			09/05/14 2p:40	1
4-Chlorotoluene	ND		1.0		ug/L			09/05/14 2p:40	1
4-Iso3ro3yltoluene	ND		1.0		ug/L			09/05/14 2p:40	1
4-Methyl-2-3entanone BMI* (K	ND		10		ug/L			09/05/14 2p:40	1
Acetone	ND		50		ug/L			09/05/14 2p:40	1
* enzene	ND		1.0		ug/L			09/05/14 2p:40	1
* romobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
* romoHorm	ND		1.0		ug/L			09/05/14 2p:40	1
* romomethane	ND		2.0		ug/L			09/05/14 2p:40	1
Carbon disulHide	ND		10		ug/L			09/05/14 2p:40	1
Carbon tetrachloride	ND		1.0		ug/L			09/05/14 2p:40	1
Chlorobenzene	ND		1.0		ug/L			09/05/14 2p:40	1
Chlorobromomethane	ND		1.0		ug/L			09/05/14 2p:40	1
Chlorodibromomethane	ND		0.50		ug/L			09/05/14 2p:40	1
Chloroethane	ND		2.0		ug/L			09/05/14 2p:40	1
ChloroHorm	ND		1.0		ug/L			09/05/14 2p:40	1
Chloromethane	ND		2.0		ug/L			09/05/14 2p:40	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 2p:40	1
cis-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/05/14 2p:40	1
Dichlorobromomethane	ND		0.50		ug/L			09/05/14 2p:40	1
DichlorodiHluoromethane	ND		1.0		ug/L			09/05/14 2p:40	1
Ethyl ether	ND		1.0		ug/L			09/05/14 2p:40	1
Ethylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
Ethylene Dibromide	ND		1.0		ug/L			09/05/14 2p:40	1
) exachlorobutadiene	ND		0.40		ug/L			09/05/14 2p:40	1

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

Lab Sample ID: MB 480-201080/8
Matrix: Water
Analysis Batch: 201080

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iso3ro3yl ether	ND		10		ug/L			09/05/14 2p:40	1
Iso3ro3ylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/05/14 2p:40	1
Methylene Chloride	ND		1.0		ug/L			09/05/14 2p:40	1
m-f ylene X 3-f ylene	ND		2.0		ug/L			09/05/14 2p:40	1
Na3hthalene	ND		5.0		ug/L			09/05/14 2p:40	1
n-* utylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
N-Pro3ylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
o-f ylene	ND		1.0		ug/L			09/05/14 2p:40	1
sec-* utylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
Styrene	ND		1.0		ug/L			09/05/14 2p:40	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/05/14 2p:40	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/05/14 2p:40	1
tert-* utylbenzene	ND		1.0		ug/L			09/05/14 2p:40	1
Tetrachloroethene	ND		1.0		ug/L			09/05/14 2p:40	1
TetrahydroHuran	ND		10		ug/L			09/05/14 2p:40	1
Toluene	ND		1.0		ug/L			09/05/14 2p:40	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/05/14 2p:40	1
trans-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/05/14 2p:40	1
Trichloroethene	ND		1.0		ug/L			09/05/14 2p:40	1
TrichloroHluoromethane	ND		1.0		ug/L			09/05/14 2p:40	1
&inyl chloride	ND		1.0		ug/L			09/05/14 2p:40	1
Dibromomethane	ND		1.0		ug/L			09/05/14 2p:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*30*		*72 - 102*		*239/9/15 406:52*	*1*
1:4-, Dcloroeht ne-d5 (Surr)	*88*		*72 - 102*		*239/9/15 406:52*	*1*
5-aroB orhuorof enbene (Surr)	*128*		*72 - 102*		*239/9/15 406:52*	*1*

Lab Sample ID: LCS 480-201080/5
Matrix: Water
Analysis Batch: 201080

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	28.9		ug/L		115	V0 - 1p0
1,1,1-Trichloroethane	25.0	25.V		ug/L		10p	V0 - 1p0
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	V0 - 1p0
1,1,2-Trichloroethane	25.0	25.9		ug/L		104	V0 - 1p0
1,1-Dichloroethane	25.0	26.1		ug/L		104	V0 - 1p0
1,1-Dichloroethene	25.0	26.0		ug/L		104	V0 - 1p0
1,1-Dichloro3ro3ene	25.0	25.6		ug/L		102	V0 - 1p0
1,2,p-Trichlorobenzene	25.0	2p.9		ug/L		96	V0 - 1p0
1,2,p-Trichloro3ro3ane	25.0	24.1		ug/L		96	V0 - 1p0
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		9V	V0 - 1p0
1,2,4-Trimethylbenzene	25.0	25.1		ug/L		100	V0 - 1p0
1,2-Dibromo-p-Chloro3ro3ane	25.0	25.2		ug/L		101	V0 - 1p0
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	V0 - 1p0
1,2-Dichloroethane	25.0	24.0		ug/L		96	V0 - 1p0

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

Lab Sample ID: LCS 480-201080/5
Matrix: Water
Analysis Batch: 201080

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloro3ro3ane	25.0	26.2		ug/L		105	V0 - 1p0
1,p,5-Trimethylbenzene	25.0	24.V		ug/L		99	V0 - 1p0
1,p-Dichlorobenzene	25.0	25.8		ug/L		10p	V0 - 1p0
1,p-Dichloro3ro3ane	25.0	26.6		ug/L		10V	V0 - 1p0
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	V0 - 1p0
1,4-Dioxane	500	45p		ug/L		91	V0 - 1p0
2,2-Dichloro3ro3ane	25.0	2V.V		ug/L		111	V0 - 1p0
2-* utanone BME(K	125	1p6		ug/L		109	V0 - 1p0
2-Chlorotoluene	25.0	24.9		ug/L		100	V0 - 1p0
2-) exanone	125	1V5	7	ug/L		140	V0 - 1p0
4-Chlorotoluene	25.0	26.8		ug/L		10V	V0 - 1p0
4-Iso3ro3yltoluene	25.0	25.1		ug/L		101	V0 - 1p0
4-Methyl-2-3entanone BMI* (K	125	126		ug/L		101	V0 - 1p0
Acetone	125	109		ug/L		8V	V0 - 1p0
* enzene	25.0	25.4		ug/L		102	V0 - 1p0
* romobenzene	25.0	25.4		ug/L		102	V0 - 1p0
* romoHorm	25.0	p0.9		ug/L		124	V0 - 1p0
* romomethane	25.0	24.p		ug/L		9V	V0 - 1p0
Carbon disulHide	25.0	26.4		ug/L		106	V0 - 1p0
Carbon tetrachloride	25.0	2V.1		ug/L		108	V0 - 1p0
Chlorobenzene	25.0	26.9		ug/L		108	V0 - 1p0
Chlorobromomethane	25.0	26.2		ug/L		105	V0 - 1p0
Chlorodibromomethane	25.0	29.1		ug/L		116	V0 - 1p0
Chloroethane	25.0	24.1		ug/L		9V	V0 - 1p0
ChloroHorm	25.0	24.6		ug/L		98	V0 - 1p0
Chloromethane	25.0	2p.2		ug/L		9p	V0 - 1p0
cis-1,2-Dichloroethene	25.0	25.1		ug/L		101	V0 - 1p0
cis-1,p-Dichloro3ro3ene	25.0	26.2		ug/L		105	V0 - 1p0
Dichlorobromomethane	25.0	26.0		ug/L		104	V0 - 1p0
DichlorodiHluoromethane	25.0	21.0		ug/L		84	V0 - 1p0
Ethyl ether	25.0	25.2		ug/L		101	V0 - 1p0
Ethylbenzene	25.0	25.6		ug/L		102	V0 - 1p0
Ethylene Dibromide	25.0	25.8		ug/L		10p	V0 - 1p0
) exachlorobutadiene	25.0	28.p		ug/L		11p	V0 - 1p0
Iso3ro3yl ether	25.0	2p.4		ug/L		94	V0 - 1p0
Iso3ro3ylbenzene	25.0	2p.9		ug/L		95	V0 - 1p0
Methyl tert-butyl ether	25.0	24.5		ug/L		98	V0 - 1p0
Methylene Chloride	25.0	26.4		ug/L		106	V0 - 1p0
m-f ylene X 3-f ylene	25.0	26.6		ug/L		106	V0 - 1p0
Na3hthalene	25.0	22.2		ug/L		89	V0 - 1p0
n-* utylbenzene	25.0	25.0		ug/L		100	V0 - 1p0
N-Pro3ylbenzene	25.0	24.6		ug/L		99	V0 - 1p0
o-f ylene	25.0	25.9		ug/L		10p	V0 - 1p0
sec-* utylbenzene	25.0	24.5		ug/L		98	V0 - 1p0
Styrene	25.0	25.5		ug/L		102	V0 - 1p0
Tert-amyl methyl ether	25.0	25.5		ug/L		102	V0 - 1p0
Tert-butyl ethyl ether	25.0	24.p		ug/L		9V	V0 - 1p0
tert-* utylbenzene	25.0	24.p		ug/L		9V	V0 - 1p0

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

Lab Sample ID: LCS 480-201080/5
Matrix: Water
Analysis Batch: 201080

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			25.0	28.8		ug/L		115	V0 - 1p0		
Tetrahydroh4ran			50.0	50.6		ug/L		101	V0 - 1p0		
Toluene			25.0	26.1		ug/L		104	V0 - 1p0		
trans-1,2-Dichloroethene			25.0	26.4		ug/L		106	V0 - 1p0		
trans-1,p-Dichloro3ro3ene			25.0	26.9		ug/L		108	V0 - 1p0		
Trichloroethene			25.0	26.6		ug/L		106	V0 - 1p0		
TrichlorolHuoromethane			25.0	24.V		ug/L		99	V0 - 1p0		
&inyl chloride			25.0	2p.4		ug/L		94	V0 - 1p0		
Dibromomethane			25.0	25.0		ug/L		100	V0 - 1p0		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*3/*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*3z*		*72 - 102*
5-aroB orhuorof enbene (Surr)	*110*		*72 - 102*

Lab Sample ID: LCSD 480-201080/6
Matrix: Water
Analysis Batch: 201080

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	2V.6		ug/L		110	V0 - 1p0	5	20
1,1,1-Trichloroethane			25.0	24.2		ug/L		9V	V0 - 1p0	6	20
1,1,2,2-Tetrachloroethane			25.0	25.p		ug/L		101	V0 - 1p0	1	20
1,1,2-Trichloroethane			25.0	25.6		ug/L		102	V0 - 1p0	1	20
1,1-Dichloroethane			25.0	25.0		ug/L		100	V0 - 1p0	4	20
1,1-Dichloroethene			25.0	24.2		ug/L		9V	V0 - 1p0	V	20
1,1-Dichloro3ro3ene			25.0	24.8		ug/L		99	V0 - 1p0	p	20
1,2,p-Trichlorobenzene			25.0	25.6		ug/L		102	V0 - 1p0	V	20
1,2,p-Trichloro3ro3ane			25.0	25.p		ug/L		101	V0 - 1p0	5	20
1,2,4-Trichlorobenzene			25.0	25.2		ug/L		101	V0 - 1p0	4	20
1,2,4-Trimethylbenzene			25.0	24.9		ug/L		99	V0 - 1p0	1	20
1,2-Dibromo-p-Chloro3ro3ane			25.0	25.9		ug/L		104	V0 - 1p0	p	20
1,2-Dichlorobenzene			25.0	25.5		ug/L		102	V0 - 1p0	2	20
1,2-Dichloroethane			25.0	2p.6		ug/L		94	V0 - 1p0	2	20
1,2-Dichloro3ro3ane			25.0	25.6		ug/L		102	V0 - 1p0	p	20
1,p,5-Trimethylbenzene			25.0	24.5		ug/L		98	V0 - 1p0	1	20
1,p-Dichlorobenzene			25.0	25.6		ug/L		10p	V0 - 1p0	1	20
1,p-Dichloro3ro3ane			25.0	26.0		ug/L		104	V0 - 1p0	2	20
1,4-Dichlorobenzene			25.0	25.V		ug/L		10p	V0 - 1p0	1	20
1,4-Dioxane			500	542		ug/L		108	V0 - 1p0	18	20
2,2-Dichloro3ro3ane			25.0	26.0		ug/L		104	V0 - 1p0	6	20
2-* utanone BME(K			125	1p9		ug/L		111	V0 - 1p0	2	20
2-Chlorotoluene			25.0	25.6		ug/L		102	V0 - 1p0	p	20
2-) exanone			125	1V5	7	ug/L		140	V0 - 1p0	0	20
4-Chlorotoluene			25.0	2V.1		ug/L		108	V0 - 1p0	1	20
4-Iso3ro3yltoluene			25.0	24.8		ug/L		99	V0 - 1p0	1	20
4-Methyl-2-3entanone BMI* (K			125	12p		ug/L		98	V0 - 1p0	2	20
Acetone			125	10V		ug/L		86	V0 - 1p0	2	20

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

Lab Sample ID: LCSD 480-201080/6
Matrix: Water
Analysis Batch: 201080

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
* enzene	25.0	24.p		ug/L		9V	V0 - 1p0	4	20
* romobenzene	25.0	26.0		ug/L		104	V0 - 1p0	2	20
* romoh-orm	25.0	p0.1		ug/L		120	V0 - 1p0	p	20
* romomethane	25.0	22.6		ug/L		90	V0 - 1p0	V	20
Carbon disulHide	25.0	24.8		ug/L		99	V0 - 1p0	6	20
Carbon tetrachloride	25.0	25.V		ug/L		10p	V0 - 1p0	5	20
Chlorobenzene	25.0	25.V		ug/L		10p	V0 - 1p0	5	20
Chlorobromomethane	25.0	25.5		ug/L		102	V0 - 1p0	p	20
Chlorodibromomethane	25.0	28.1		ug/L		112	V0 - 1p0	p	20
Chloroethane	25.0	22.5		ug/L		90	V0 - 1p0	V	20
Chloroh-orm	25.0	2p.6		ug/L		94	V0 - 1p0	4	20
Chloromethane	25.0	21.p		ug/L		85	V0 - 1p0	8	20
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	V0 - 1p0	2	20
cis-1,p-Dichloro3ro3ene	25.0	26.0		ug/L		104	V0 - 1p0	1	20
Dichlorobromomethane	25.0	25.5		ug/L		102	V0 - 1p0	2	20
DichlorodiHluoromethane	25.0	19.0		ug/L		V6	V0 - 1p0	10	20
Ethyl ether	25.0	25.V		ug/L		10p	V0 - 1p0	2	20
Ethylbenzene	25.0	24.4		ug/L		9V	V0 - 1p0	5	20
Ethylene Dibromide	25.0	25.5		ug/L		102	V0 - 1p0	1	20
) exachlorobutadiene	25.0	2V.4		ug/L		110	V0 - 1p0	p	20
Iso3ro3yl ether	25.0	2p.0		ug/L		92	V0 - 1p0	2	20
Iso3ro3ylbenzene	25.0	2p.9		ug/L		95	V0 - 1p0	0	20
Methyl tert-butyl ether	25.0	24.V		ug/L		99	V0 - 1p0	1	20
Methylene Chloride	25.0	25.6		ug/L		102	V0 - 1p0	p	20
m-f ylene X 3-f ylene	25.0	25.2		ug/L		101	V0 - 1p0	5	20
Na3hthalene	25.0	24.0		ug/L		96	V0 - 1p0	8	20
n-* utylbenzene	25.0	24.6		ug/L		99	V0 - 1p0	1	20
N-Pro3ylbenzene	25.0	24.1		ug/L		96	V0 - 1p0	2	20
o-f ylene	25.0	25.0		ug/L		100	V0 - 1p0	p	20
sec-* utylbenzene	25.0	24.p		ug/L		9V	V0 - 1p0	1	20
Styrene	25.0	24.V		ug/L		99	V0 - 1p0	p	20
Tert-amyl methyl ether	25.0	25.8		ug/L		10p	V0 - 1p0	1	20
Tert-butyl ethyl ether	25.0	24.4		ug/L		9V	V0 - 1p0	0	20
tert-* utylbenzene	25.0	24.p		ug/L		9V	V0 - 1p0	0	20
Tetrachloroethene	25.0	2V.4		ug/L		109	V0 - 1p0	5	20
Tetrahydroh-iran	50.0	51.9		ug/L		104	V0 - 1p0	p	20
Toluene	25.0	24.V		ug/L		99	V0 - 1p0	6	20
trans-1,2-Dichloroethene	25.0	25.1		ug/L		101	V0 - 1p0	5	20
trans-1,p-Dichloro3ro3ene	25.0	26.5		ug/L		106	V0 - 1p0	1	20
Trichloroethene	25.0	25.2		ug/L		101	V0 - 1p0	5	20
TrichloroHluoromethane	25.0	2p.0		ug/L		92	V0 - 1p0	V	20
&inyl chloride	25.0	21.V		ug/L		8V	V0 - 1p0	8	20
Dibromomethane	25.0	24.5		ug/L		98	V0 - 1p0	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*35*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*3/*		*72 - 102*
5-aroB orhuorof enbene (Surr)	*11/*		*72 - 102*

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

Lab Sample ID: MB 480-201129/8
Matrix: Water
Analysis Batch: 201129

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			09/06/14 1p:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/06/14 1p:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/06/14 1p:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/06/14 1p:20	1
1,1-Dichloroethane	ND		1.0		ug/L			09/06/14 1p:20	1
1,1-Dichloroethene	ND		1.0		ug/L			09/06/14 1p:20	1
1,1-Dichloro3ro3ene	ND		1.0		ug/L			09/06/14 1p:20	1
1,2,p-Trichlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,2,p-Trichloro3ro3ane	ND		1.0		ug/L			09/06/14 1p:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,2-Dibromo-p-Chloro3ro3ane	ND		5.0		ug/L			09/06/14 1p:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,2-Dichloroethane	ND		1.0		ug/L			09/06/14 1p:20	1
1,2-Dichloro3ro3ane	ND		1.0		ug/L			09/06/14 1p:20	1
1,p,5-Trimethylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,p-Dichlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,p-Dichloro3ro3ane	ND		1.0		ug/L			09/06/14 1p:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
1,4-Dioxane	ND		50		ug/L			09/06/14 1p:20	1
2,2-Dichloro3ro3ane	ND		1.0		ug/L			09/06/14 1p:20	1
2-* utanone BME(K	ND		10		ug/L			09/06/14 1p:20	1
2-Chlorotoluene	ND		1.0		ug/L			09/06/14 1p:20	1
2-) exanone	ND		10		ug/L			09/06/14 1p:20	1
4-Chlorotoluene	ND		1.0		ug/L			09/06/14 1p:20	1
4-Iso3ro3yltoluene	ND		1.0		ug/L			09/06/14 1p:20	1
4-Methyl-2-3entanone BMI* (K	ND		10		ug/L			09/06/14 1p:20	1
Acetone	ND		50		ug/L			09/06/14 1p:20	1
* enzene	ND		1.0		ug/L			09/06/14 1p:20	1
* romobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
* romoHorm	ND		1.0		ug/L			09/06/14 1p:20	1
* romomethane	ND		2.0		ug/L			09/06/14 1p:20	1
Carbon disulHide	ND		10		ug/L			09/06/14 1p:20	1
Carbon tetrachloride	ND		1.0		ug/L			09/06/14 1p:20	1
Chlorobenzene	ND		1.0		ug/L			09/06/14 1p:20	1
Chlorobromomethane	ND		1.0		ug/L			09/06/14 1p:20	1
Chlorodibromomethane	ND		0.50		ug/L			09/06/14 1p:20	1
Chloroethane	ND		2.0		ug/L			09/06/14 1p:20	1
ChloroHorm	ND		1.0		ug/L			09/06/14 1p:20	1
Chloromethane	ND		2.0		ug/L			09/06/14 1p:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/06/14 1p:20	1
cis-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/06/14 1p:20	1
Dichlorobromomethane	ND		0.50		ug/L			09/06/14 1p:20	1
DichlorodiHluoromethane	ND		1.0		ug/L			09/06/14 1p:20	1
Ethyl ether	ND		1.0		ug/L			09/06/14 1p:20	1
Ethylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
Ethylene Dibromide	ND		1.0		ug/L			09/06/14 1p:20	1
) exachlorobutadiene	ND		0.40		ug/L			09/06/14 1p:20	1

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

Lab Sample ID: MB 480-201129/8
Matrix: Water
Analysis Batch: 201129

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iso3ro3yl ether	ND		10		ug/L			09/06/14 1p:20	1
Iso3ro3ylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/06/14 1p:20	1
Methylene Chloride	ND		1.0		ug/L			09/06/14 1p:20	1
m-f ylene X 3-f ylene	ND		2.0		ug/L			09/06/14 1p:20	1
Na3hthalene	ND		5.0		ug/L			09/06/14 1p:20	1
n-* utylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
N-Pro3ylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
o-f ylene	ND		1.0		ug/L			09/06/14 1p:20	1
sec-* utylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
Styrene	ND		1.0		ug/L			09/06/14 1p:20	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/06/14 1p:20	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/06/14 1p:20	1
tert-* utylbenzene	ND		1.0		ug/L			09/06/14 1p:20	1
Tetrachloroethene	ND		1.0		ug/L			09/06/14 1p:20	1
TetrahydroHuran	ND		10		ug/L			09/06/14 1p:20	1
Toluene	ND		1.0		ug/L			09/06/14 1p:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/06/14 1p:20	1
trans-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/06/14 1p:20	1
Trichloroethene	ND		1.0		ug/L			09/06/14 1p:20	1
TrichloroHluoromethane	ND		1.0		ug/L			09/06/14 1p:20	1
&inyl chloride	ND		1.0		ug/L			09/06/14 1p:20	1
Dibromomethane	ND		1.0		ug/L			09/06/14 1p:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*30*		*72 - 102*		*239z9l5 106l42*	*1*
1:4-, Dcloroelct ne-d5 (Surr)	*87*		*72 - 102*		*239z9l5 106l42*	*1*
5-aroB orhuorof enbene (Surr)	*111*		*72 - 102*		*239z9l5 106l42*	*1*

Lab Sample ID: LCS 480-201129/5
Matrix: Water
Analysis Batch: 201129

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	28.5		ug/L		114	V0 - 1p0
1,1,1-Trichloroethane	25.0	25.2		ug/L		101	V0 - 1p0
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	V0 - 1p0
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	V0 - 1p0
1,1-Dichloroethane	25.0	25.9		ug/L		104	V0 - 1p0
1,1-Dichloroethene	25.0	25.V		ug/L		10p	V0 - 1p0
1,1-Dichloro3ro3ene	25.0	25.4		ug/L		102	V0 - 1p0
1,2,p-Trichlorobenzene	25.0	25.p		ug/L		101	V0 - 1p0
1,2,p-Trichloro3ro3ane	25.0	24.8		ug/L		99	V0 - 1p0
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	V0 - 1p0
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		10p	V0 - 1p0
1,2-Dibromo-p-Chloro3ro3ane	25.0	25.V		ug/L		10p	V0 - 1p0
1,2-Dichlorobenzene	25.0	25.8		ug/L		10p	V0 - 1p0
1,2-Dichloroethane	25.0	2p.6		ug/L		94	V0 - 1p0

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

Lab Sample ID: LCS 480-201129/5
Matrix: Water
Analysis Batch: 201129

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloro3ro3ane	25.0	26.1		ug/L		104	V0 - 1p0
1,p,5-Trimethylbenzene	25.0	25.2		ug/L		101	V0 - 1p0
1,p-Dichlorobenzene	25.0	26.1		ug/L		104	V0 - 1p0
1,p-Dichloro3ro3ane	25.0	26.1		ug/L		104	V0 - 1p0
1,4-Dichlorobenzene	25.0	26.0		ug/L		104	V0 - 1p0
1,4-Dioxane	500	4p5		ug/L		8V	V0 - 1p0
2,2-Dichloro3ro3ane	25.0	2V.0		ug/L		108	V0 - 1p0
2-* utanone BME(K	125	20V	7	ug/L		166	V0 - 1p0
2-Chlorotoluene	25.0	26.0		ug/L		104	V0 - 1p0
2-) exanone	125	1V2	7	ug/L		1p8	V0 - 1p0
4-Chlorotoluene	25.0	2V.5		ug/L		110	V0 - 1p0
4-Iso3ro3yltoluene	25.0	25.6		ug/L		102	V0 - 1p0
4-Methyl-2-3entanone BMI* (K	125	12p		ug/L		99	V0 - 1p0
Acetone	125	115		ug/L		92	V0 - 1p0
* enzene	25.0	25.p		ug/L		101	V0 - 1p0
* romobenzene	25.0	26.1		ug/L		104	V0 - 1p0
* romoHorm	25.0	p0.0		ug/L		120	V0 - 1p0
* romomethane	25.0	2p.6		ug/L		94	V0 - 1p0
Carbon disulHide	25.0	26.0		ug/L		104	V0 - 1p0
Carbon tetrachloride	25.0	26.4		ug/L		105	V0 - 1p0
Chlorobenzene	25.0	26.5		ug/L		106	V0 - 1p0
Chlorobromomethane	25.0	26.0		ug/L		104	V0 - 1p0
Chlorodibromomethane	25.0	28.V		ug/L		115	V0 - 1p0
Chloroethane	25.0	24.0		ug/L		96	V0 - 1p0
ChloroHorm	25.0	24.5		ug/L		98	V0 - 1p0
Chloromethane	25.0	21.8		ug/L		8V	V0 - 1p0
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	V0 - 1p0
cis-1,p-Dichloro3ro3ene	25.0	26.1		ug/L		105	V0 - 1p0
Dichlorobromomethane	25.0	25.4		ug/L		102	V0 - 1p0
DichlorodiHluoromethane	25.0	18.1		ug/L		Vp	V0 - 1p0
Ethyl ether	25.0	26.1		ug/L		104	V0 - 1p0
Ethylbenzene	25.0	25.2		ug/L		101	V0 - 1p0
Ethylene Dibromide	25.0	26.0		ug/L		104	V0 - 1p0
) exachlorobutadiene	25.0	28.0		ug/L		112	V0 - 1p0
Iso3ro3yl ether	25.0	22.4		ug/L		89	V0 - 1p0
Iso3ro3ylbenzene	25.0	24.4		ug/L		9V	V0 - 1p0
Methyl tert-butyl ether	25.0	25.p		ug/L		101	V0 - 1p0
Methylene Chloride	25.0	26.0		ug/L		104	V0 - 1p0
m-f ylene X 3-f ylene	25.0	26.6		ug/L		106	V0 - 1p0
Na3hthalene	25.0	2p.p		ug/L		9p	V0 - 1p0
n-* utylbenzene	25.0	25.p		ug/L		101	V0 - 1p0
N-Pro3ylbenzene	25.0	25.0		ug/L		100	V0 - 1p0
o-f ylene	25.0	26.1		ug/L		104	V0 - 1p0
sec-* utylbenzene	25.0	25.0		ug/L		100	V0 - 1p0
Styrene	25.0	25.4		ug/L		101	V0 - 1p0
Tert-amyl methyl ether	25.0	24.8		ug/L		99	V0 - 1p0
Tert-butyl ethyl ether	25.0	2p.5		ug/L		94	V0 - 1p0
tert-* utylbenzene	25.0	24.6		ug/L		99	V0 - 1p0

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

Lab Sample ID: LCS 480-201129/5
Matrix: Water
Analysis Batch: 201129

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			25.0	2V.5		ug/L		110	V0 - 1p0		
Tetrahydroh‡ran			50.0	50.V		ug/L		101	V0 - 1p0		
Toluene			25.0	25.8		ug/L		10p	V0 - 1p0		
trans-1,2-Dichloroethene			25.0	25.V		ug/L		10p	V0 - 1p0		
trans-1,p-Dichloro3ro3ene			25.0	26.8		ug/L		10V	V0 - 1p0		
Trichloroethene			25.0	26.1		ug/L		104	V0 - 1p0		
Trichlorofl‡uoromethane			25.0	2p.8		ug/L		95	V0 - 1p0		
&inyl chloride			25.0	22.p		ug/L		89	V0 - 1p0		
Dibromomethane			25.0	24.6		ug/L		98	V0 - 1p0		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*35*		*72 - 102*
1:4-, Dcloroeh‡ct ne-d5 (Surr)	*84*		*72 - 102*
5-aroB orh‡uorof enbene (Surr)	*115*		*72 - 102*

Lab Sample ID: LCSD 480-201129/6
Matrix: Water
Analysis Batch: 201129

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	28.4		ug/L		114	V0 - 1p0	0	20
1,1,1-Trichloroethane			25.0	24.6		ug/L		99	V0 - 1p0	2	20
1,1,2,2-Tetrachloroethane			25.0	25.2		ug/L		101	V0 - 1p0	0	20
1,1,2-Trichloroethane			25.0	25.4		ug/L		101	V0 - 1p0	1	20
1,1-Dichloroethane			25.0	25.1		ug/L		100	V0 - 1p0	p	20
1,1-Dichloroethene			25.0	24.5		ug/L		98	V0 - 1p0	5	20
1,1-Dichloro3ro3ene			25.0	24.8		ug/L		99	V0 - 1p0	2	20
1,2,p-Trichlorobenzene			25.0	25.8		ug/L		10p	V0 - 1p0	2	20
1,2,p-Trichloro3ro3ane			25.0	24.p		ug/L		9V	V0 - 1p0	2	20
1,2,4-Trichlorobenzene			25.0	26.0		ug/L		104	V0 - 1p0	2	20
1,2,4-Trimethylbenzene			25.0	24.9		ug/L		100	V0 - 1p0	p	20
1,2-Dibromo-p-Chloro3ro3ane			25.0	26.p		ug/L		105	V0 - 1p0	p	20
1,2-Dichlorobenzene			25.0	25.p		ug/L		101	V0 - 1p0	2	20
1,2-Dichloroethane			25.0	2p.1		ug/L		92	V0 - 1p0	2	20
1,2-Dichloro3ro3ane			25.0	25.8		ug/L		10p	V0 - 1p0	1	20
1,p,5-Trimethylbenzene			25.0	24.V		ug/L		99	V0 - 1p0	2	20
1,p-Dichlorobenzene			25.0	25.V		ug/L		10p	V0 - 1p0	1	20
1,p-Dichloro3ro3ane			25.0	26.p		ug/L		105	V0 - 1p0	1	20
1,4-Dichlorobenzene			25.0	25.8		ug/L		10p	V0 - 1p0	0	20
1,4-Dioxane			500	5p9	7	ug/L		108	V0 - 1p0	21	20
2,2-Dichloro3ro3ane			25.0	26.2		ug/L		105	V0 - 1p0	p	20
2-* utanone BME(K			125	211	7	ug/L		168	V0 - 1p0	2	20
2-Chlorotoluene			25.0	25.8		ug/L		10p	V0 - 1p0	1	20
2-) exanone			125	1VV	7	ug/L		141	V0 - 1p0	p	20
4-Chlorotoluene			25.0	2V.1		ug/L		108	V0 - 1p0	1	20
4-Iso3ro3yltoluene			25.0	25.2		ug/L		101	V0 - 1p0	1	20
4-Methyl-2-3entanone BMI* (K			125	126		ug/L		101	V0 - 1p0	2	20
Acetone			125	118		ug/L		94	V0 - 1p0	2	20

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

Lab Sample ID: LCSD 480-201129/6
Matrix: Water
Analysis Batch: 201129

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
* enzene	25.0	24.4		ug/L		9V	V0 - 1p0	4	20
* romobenzene	25.0	25.6		ug/L		102	V0 - 1p0	2	20
* romoh•rm	25.0	p0.5		ug/L		122	V0 - 1p0	2	20
* romomethane	25.0	22.9		ug/L		91	V0 - 1p0	p	20
Carbon disulh•de	25.0	25.1		ug/L		100	V0 - 1p0	p	20
Carbon tetrachloride	25.0	25.5		ug/L		102	V0 - 1p0	p	20
Chlorobenzene	25.0	26.2		ug/L		105	V0 - 1p0	1	20
Chlorobromomethane	25.0	25.0		ug/L		100	V0 - 1p0	4	20
Chlorodibromomethane	25.0	28.9		ug/L		115	V0 - 1p0	1	20
Chloroethane	25.0	22.6		ug/L		90	V0 - 1p0	6	20
Chloroh•rm	25.0	2p.4		ug/L		94	V0 - 1p0	5	20
Chloromethane	25.0	20.8		ug/L		8p	V0 - 1p0	5	20
cis-1,2-Dichloroethene	25.0	24.p		ug/L		9V	V0 - 1p0	4	20
cis-1,p-Dichloro3ro3ene	25.0	25.5		ug/L		102	V0 - 1p0	2	20
Dichlorobromomethane	25.0	25.0		ug/L		100	V0 - 1p0	2	20
Dichlorodih•uoromethane	25.0	16.8	7	ug/L		6V	V0 - 1p0	8	20
Ethyl ether	25.0	25.6		ug/L		102	V0 - 1p0	2	20
Ethylbenzene	25.0	25.1		ug/L		100	V0 - 1p0	1	20
Ethylene Dibromide	25.0	26.0		ug/L		104	V0 - 1p0	0	20
) exachlorobutadiene	25.0	28.0		ug/L		112	V0 - 1p0	0	20
Iso3ro3yl ether	25.0	22.0		ug/L		88	V0 - 1p0	2	20
Iso3ro3ylbenzene	25.0	24.2		ug/L		9V	V0 - 1p0	1	20
Methyl tert-butyl ether	25.0	25.0		ug/L		100	V0 - 1p0	1	20
Methylene Chloride	25.0	25.p		ug/L		101	V0 - 1p0	p	20
m-f ylene X 3-f ylene	25.0	25.9		ug/L		104	V0 - 1p0	2	20
Na3hthalene	25.0	24.p		ug/L		9V	V0 - 1p0	4	20
n-* utylbenzene	25.0	24.p		ug/L		9V	V0 - 1p0	4	20
N-Pro3ylbenzene	25.0	24.2		ug/L		9V	V0 - 1p0	p	20
o-f ylene	25.0	25.V		ug/L		10p	V0 - 1p0	1	20
sec-* utylbenzene	25.0	24.p		ug/L		9V	V0 - 1p0	p	20
Styrene	25.0	25.2		ug/L		101	V0 - 1p0	1	20
Tert-amyl methyl ether	25.0	24.V		ug/L		99	V0 - 1p0	0	20
Tert-butyl ethyl ether	25.0	2p.p		ug/L		9p	V0 - 1p0	1	20
tert-* utylbenzene	25.0	24.9		ug/L		100	V0 - 1p0	1	20
Tetrachloroethene	25.0	2V.4		ug/L		109	V0 - 1p0	0	20
Tetrahydroh•ran	50.0	52.0		ug/L		104	V0 - 1p0	2	20
Toluene	25.0	25.V		ug/L		10p	V0 - 1p0	1	20
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	V0 - 1p0	p	20
trans-1,p-Dichloro3ro3ene	25.0	26.6		ug/L		10V	V0 - 1p0	1	20
Trichloroethene	25.0	25.5		ug/L		102	V0 - 1p0	2	20
Trichloroh•uoromethane	25.0	22.5		ug/L		90	V0 - 1p0	6	20
&inyl chloride	25.0	21.2		ug/L		85	V0 - 1p0	5	20
Dibromomethane	25.0	24.4		ug/L		9V	V0 - 1p0	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*3/*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*30*		*72 - 102*
5-aroB omuorof enbene (Surr)	*115*		*72 - 102*

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

Lab Sample ID: MB 480-201180/8
Matrix: Water
Analysis Batch: 201180

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			09/0V/14 2p:49	1
1,1,1-Trichloroethane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/0V/14 2p:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,1-Dichloroethane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,1-Dichloroethene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,1-Dichloro3ro3ene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2,p-Trichlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2,p-Trichloro3ro3ane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2-Dibromo-p-Chloro3ro3ane	ND		5.0		ug/L			09/0V/14 2p:49	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2-Dichloroethane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,2-Dichloro3ro3ane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,p,5-Trimethylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,p-Dichlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,p-Dichloro3ro3ane	ND		1.0		ug/L			09/0V/14 2p:49	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
1,4-Dioxane	ND		50		ug/L			09/0V/14 2p:49	1
2,2-Dichloro3ro3ane	ND		1.0		ug/L			09/0V/14 2p:49	1
2-* utanone BME(K	ND		10		ug/L			09/0V/14 2p:49	1
2-Chlorotoluene	ND		1.0		ug/L			09/0V/14 2p:49	1
2-) exanone	ND		10		ug/L			09/0V/14 2p:49	1
4-Chlorotoluene	ND		1.0		ug/L			09/0V/14 2p:49	1
4-Iso3ro3yltoluene	ND		1.0		ug/L			09/0V/14 2p:49	1
4-Methyl-2-3entanone BMI* (K	ND		10		ug/L			09/0V/14 2p:49	1
Acetone	ND		50		ug/L			09/0V/14 2p:49	1
* enzene	ND		1.0		ug/L			09/0V/14 2p:49	1
* romobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
* romoHorm	ND		1.0		ug/L			09/0V/14 2p:49	1
* romomethane	ND		2.0		ug/L			09/0V/14 2p:49	1
Carbon disulHide	ND		10		ug/L			09/0V/14 2p:49	1
Carbon tetrachloride	ND		1.0		ug/L			09/0V/14 2p:49	1
Chlorobenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
Chlorobromomethane	ND		1.0		ug/L			09/0V/14 2p:49	1
Chlorodibromomethane	ND		0.50		ug/L			09/0V/14 2p:49	1
Chloroethane	ND		2.0		ug/L			09/0V/14 2p:49	1
ChloroHorm	ND		1.0		ug/L			09/0V/14 2p:49	1
Chloromethane	ND		2.0		ug/L			09/0V/14 2p:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/0V/14 2p:49	1
cis-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/0V/14 2p:49	1
Dichlorobromomethane	ND		0.50		ug/L			09/0V/14 2p:49	1
DichlorodiHluoromethane	ND		1.0		ug/L			09/0V/14 2p:49	1
Ethyl ether	ND		1.0		ug/L			09/0V/14 2p:49	1
Ethylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
Ethylene Dibromide	ND		1.0		ug/L			09/0V/14 2p:49	1
) exachlorobutadiene	ND		0.40		ug/L			09/0V/14 2p:49	1

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

Lab Sample ID: MB 480-201180/8
Matrix: Water
Analysis Batch: 201180

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iso3ro3yl ether	ND		10		ug/L			09/0V/14 2p:49	1
Iso3ro3ylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/0V/14 2p:49	1
Methylene Chloride	ND		1.0		ug/L			09/0V/14 2p:49	1
m-f ylene X 3-f ylene	ND		2.0		ug/L			09/0V/14 2p:49	1
Na3hthalene	ND		5.0		ug/L			09/0V/14 2p:49	1
n-* utylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
N-Pro3ylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
o-f ylene	ND		1.0		ug/L			09/0V/14 2p:49	1
sec-* utylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
Styrene	ND		1.0		ug/L			09/0V/14 2p:49	1
Tert-amyl methyl ether	ND		5.0		ug/L			09/0V/14 2p:49	1
Tert-butyl ethyl ether	ND		5.0		ug/L			09/0V/14 2p:49	1
tert-* utylbenzene	ND		1.0		ug/L			09/0V/14 2p:49	1
Tetrachloroethene	ND		1.0		ug/L			09/0V/14 2p:49	1
Tetrahydroh4ran	ND		10		ug/L			09/0V/14 2p:49	1
Toluene	ND		1.0		ug/L			09/0V/14 2p:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/0V/14 2p:49	1
trans-1,p-Dichloro3ro3ene	ND		0.40		ug/L			09/0V/14 2p:49	1
Trichloroethene	ND		1.0		ug/L			09/0V/14 2p:49	1
Trichloroh4uoromethane	ND		1.0		ug/L			09/0V/14 2p:49	1
&inyl chloride	ND		1.0		ug/L			09/0V/14 2p:49	1
Dibromomethane	ND		1.0		ug/L			09/0V/14 2p:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*34*		*72 - 102*		*239279l5 406l53*	*1*
1:4-, Dcloroeh:t ne-d5 (Surr)	*80*		*72 - 102*		*239279l5 406l53*	*1*
5-aroB orh4uorof enbene (Surr)	*111*		*72 - 102*		*239279l5 406l53*	*1*

Lab Sample ID: LCS 480-201180/5
Matrix: Water
Analysis Batch: 201180

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	28.V		ug/L		115	V0 - 1p0
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	V0 - 1p0
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	V0 - 1p0
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	V0 - 1p0
1,1-Dichloroethane	25.0	25.V		ug/L		10p	V0 - 1p0
1,1-Dichloroethene	25.0	25.6		ug/L		102	V0 - 1p0
1,1-Dichloro3ro3ene	25.0	25.8		ug/L		10p	V0 - 1p0
1,2,p-Trichlorobenzene	25.0	24.2		ug/L		9V	V0 - 1p0
1,2,p-Trichloro3ro3ane	25.0	24.V		ug/L		99	V0 - 1p0
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	V0 - 1p0
1,2,4-Trimethylbenzene	25.0	25.0		ug/L		100	V0 - 1p0
1,2-Dibromo-p-Chloro3ro3ane	25.0	25.2		ug/L		101	V0 - 1p0
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	V0 - 1p0
1,2-Dichloroethane	25.0	2p.4		ug/L		94	V0 - 1p0

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

Lab Sample ID: LCS 480-201180/5
Matrix: Water
Analysis Batch: 201180

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloro3ro3ane	25.0	26.p		ug/L		105	V0 - 1p0
1,p,5-Trimethylbenzene	25.0	24.8		ug/L		99	V0 - 1p0
1,p-Dichlorobenzene	25.0	25.V		ug/L		10p	V0 - 1p0
1,p-Dichloro3ro3ane	25.0	26.2		ug/L		105	V0 - 1p0
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	V0 - 1p0
1,4-Dioxane	500	516		ug/L		10p	V0 - 1p0
2,2-Dichloro3ro3ane	25.0	2V.2		ug/L		109	V0 - 1p0
2-* utanone BME(K	125	1p6		ug/L		109	V0 - 1p0
2-Chlorotoluene	25.0	25.4		ug/L		102	V0 - 1p0
2-) exanone	125	1V2	7	ug/L		1pV	V0 - 1p0
4-Chlorotoluene	25.0	26.8		ug/L		10V	V0 - 1p0
4-Iso3ro3yltoluene	25.0	25.2		ug/L		101	V0 - 1p0
4-Methyl-2-3entanone BMI* (K	125	124		ug/L		99	V0 - 1p0
Acetone	125	111		ug/L		89	V0 - 1p0
* enzene	25.0	25.4		ug/L		102	V0 - 1p0
* romobenzene	25.0	25.5		ug/L		102	V0 - 1p0
* romoHorm	25.0	p1.0		ug/L		124	V0 - 1p0
* romomethane	25.0	2p.5		ug/L		94	V0 - 1p0
Carbon disulHide	25.0	25.p		ug/L		101	V0 - 1p0
Carbon tetrachloride	25.0	2V.0		ug/L		108	V0 - 1p0
Chlorobenzene	25.0	26.V		ug/L		10V	V0 - 1p0
Chlorobromomethane	25.0	25.8		ug/L		10p	V0 - 1p0
Chlorodibromomethane	25.0	29.2		ug/L		11V	V0 - 1p0
Chloroethane	25.0	24.0		ug/L		96	V0 - 1p0
ChloroHorm	25.0	24.4		ug/L		98	V0 - 1p0
Chloromethane	25.0	22.4		ug/L		89	V0 - 1p0
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	V0 - 1p0
cis-1,p-Dichloro3ro3ene	25.0	26.4		ug/L		106	V0 - 1p0
Dichlorobromomethane	25.0	25.V		ug/L		10p	V0 - 1p0
DichlorodiHluoromethane	25.0	19.6		ug/L		V9	V0 - 1p0
Ethyl ether	25.0	25.4		ug/L		102	V0 - 1p0
Ethylbenzene	25.0	25.4		ug/L		101	V0 - 1p0
Ethylene Dibromide	25.0	25.8		ug/L		10p	V0 - 1p0
) exachlorobutadiene	25.0	2V.9		ug/L		112	V0 - 1p0
Iso3ro3yl ether	25.0	21.5		ug/L		86	V0 - 1p0
Iso3ro3ylbenzene	25.0	24.1		ug/L		96	V0 - 1p0
Methyl tert-butyl ether	25.0	24.6		ug/L		98	V0 - 1p0
Methylene Chloride	25.0	26.0		ug/L		104	V0 - 1p0
m-f ylene X 3-f ylene	25.0	26.8		ug/L		10V	V0 - 1p0
Na3hthalene	25.0	22.4		ug/L		90	V0 - 1p0
n-* utylbenzene	25.0	24.V		ug/L		99	V0 - 1p0
N-Pro3ylbenzene	25.0	24.6		ug/L		98	V0 - 1p0
o-f ylene	25.0	25.8		ug/L		10p	V0 - 1p0
sec-* utylbenzene	25.0	24.6		ug/L		99	V0 - 1p0
Styrene	25.0	25.5		ug/L		102	V0 - 1p0
Tert-amyl methyl ether	25.0	24.V		ug/L		99	V0 - 1p0
Tert-butyl ethyl ether	25.0	22.5		ug/L		90	V0 - 1p0
tert-* utylbenzene	25.0	24.V		ug/L		99	V0 - 1p0

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

Lab Sample ID: LCS 480-201180/5
Matrix: Water
Analysis Batch: 201180

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			25.0	28.V		ug/L		115	V0 - 1p0		
Tetrahydroh‡ran			50.0	51.2		ug/L		102	V0 - 1p0		
Toluene			25.0	26.1		ug/L		104	V0 - 1p0		
trans-1,2-Dichloroethene			25.0	25.9		ug/L		104	V0 - 1p0		
trans-1,p-Dichloro3ro3ene			25.0	26.9		ug/L		108	V0 - 1p0		
Trichloroethene			25.0	26.p		ug/L		105	V0 - 1p0		
Trichlorofluoromethane			25.0	24.5		ug/L		98	V0 - 1p0		
&inyl chloride			25.0	22.6		ug/L		91	V0 - 1p0		
Dibromomethane			25.0	24.6		ug/L		99	V0 - 1p0		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*35*		*72 - 102*
1:4-, Dcloroeh‡ct ne-d5 (Surr)	*88*		*72 - 102*
5-aroB orofluorof enbene (Surr)	*11z*		*72 - 102*

Lab Sample ID: LCSD 480-201180/6
Matrix: Water
Analysis Batch: 201180

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	2V.5		ug/L		110	V0 - 1p0	5	20
1,1,1-Trichloroethane			25.0	2p.6		ug/L		94	V0 - 1p0	8	20
1,1,2,2-Tetrachloroethane			25.0	24.V		ug/L		99	V0 - 1p0	1	20
1,1,2-Trichloroethane			25.0	25.0		ug/L		100	V0 - 1p0	1	20
1,1-Dichloroethane			25.0	2p.9		ug/L		96	V0 - 1p0	8	20
1,1-Dichloroethene			25.0	2p.p		ug/L		9p	V0 - 1p0	9	20
1,1-Dichloro3ro3ene			25.0	24.1		ug/L		96	V0 - 1p0	V	20
1,2,p-Trichlorobenzene			25.0	24.9		ug/L		100	V0 - 1p0	p	20
1,2,p-Trichloro3ro3ane			25.0	24.1		ug/L		96	V0 - 1p0	p	20
1,2,4-Trichlorobenzene			25.0	24.8		ug/L		99	V0 - 1p0	1	20
1,2,4-Trimethylbenzene			25.0	24.0		ug/L		96	V0 - 1p0	4	20
1,2-Dibromo-p-Chloro3ro3ane			25.0	25.0		ug/L		100	V0 - 1p0	1	20
1,2-Dichlorobenzene			25.0	24.8		ug/L		99	V0 - 1p0	0	20
1,2-Dichloroethane			25.0	22.V		ug/L		91	V0 - 1p0	p	20
1,2-Dichloro3ro3ane			25.0	24.V		ug/L		99	V0 - 1p0	6	20
1,p,5-Trimethylbenzene			25.0	2p.9		ug/L		95	V0 - 1p0	4	20
1,p-Dichlorobenzene			25.0	25.1		ug/L		100	V0 - 1p0	p	20
1,p-Dichloro3ro3ane			25.0	25.6		ug/L		102	V0 - 1p0	p	20
1,4-Dichlorobenzene			25.0	24.V		ug/L		99	V0 - 1p0	p	20
1,4-Dioxane			500	49p		ug/L		99	V0 - 1p0	4	20
2,2-Dichloro3ro3ane			25.0	25.1		ug/L		100	V0 - 1p0	8	20
2-* utanone BME(K			125	202	7	ug/L		162	V0 - 1p0	p9	20
2-Chlorotoluene			25.0	24.8		ug/L		99	V0 - 1p0	p	20
2-) exanone			125	1V1	7	ug/L		1pV	V0 - 1p0	0	20
4-Chlorotoluene			25.0	26.p		ug/L		105	V0 - 1p0	2	20
4-Iso3ro3yltoluene			25.0	24.1		ug/L		96	V0 - 1p0	4	20
4-Methyl-2-3entanone BMI* (K			125	12p		ug/L		98	V0 - 1p0	0	20
Acetone			125	109		ug/L		8V	V0 - 1p0	2	20

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

Lab Sample ID: LCSD 480-201180/6
Matrix: Water
Analysis Batch: 201180

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
* enzene	25.0	2p.V		ug/L		95	V0 - 1p0	V	20
* romobenzene	25.0	25.2		ug/L		101	V0 - 1p0	1	20
* romoh-orm	25.0	29.8		ug/L		119	V0 - 1p0	4	20
* romomethane	25.0	22.2		ug/L		89	V0 - 1p0	6	20
Carbon disulhtde	25.0	2p.5		ug/L		94	V0 - 1p0	V	20
Carbon tetrachloride	25.0	24.V		ug/L		99	V0 - 1p0	9	20
Chlorobenzene	25.0	25.2		ug/L		101	V0 - 1p0	6	20
Chlorobromomethane	25.0	25.4		ug/L		101	V0 - 1p0	1	20
Chlorodibromomethane	25.0	28.0		ug/L		112	V0 - 1p0	4	20
Chloroethane	25.0	21.9		ug/L		88	V0 - 1p0	9	20
Chloroh-orm	25.0	2p.0		ug/L		92	V0 - 1p0	6	20
Chloromethane	25.0	20.0		ug/L		80	V0 - 1p0	11	20
cis-1,2-Dichloroethene	25.0	24.1		ug/L		9V	V0 - 1p0	4	20
cis-1,p-Dichloro3ro3ene	25.0	25.1		ug/L		100	V0 - 1p0	5	20
Dichlorobromomethane	25.0	24.6		ug/L		98	V0 - 1p0	5	20
Dichlorodihluoromethane	25.0	1V.2	7	ug/L		69	V0 - 1p0	1p	20
Ethyl ether	25.0	24.8		ug/L		99	V0 - 1p0	2	20
Ethylbenzene	25.0	24.1		ug/L		96	V0 - 1p0	5	20
Ethylene Dibromide	25.0	25.4		ug/L		102	V0 - 1p0	2	20
) exachlorobutadiene	25.0	2V.p		ug/L		109	V0 - 1p0	2	20
Iso3ro3yl ether	25.0	20.V		ug/L		8p	V0 - 1p0	4	20
Iso3ro3ylbenzene	25.0	2p.2		ug/L		9p	V0 - 1p0	4	20
Methyl tert-butyl ether	25.0	24.4		ug/L		9V	V0 - 1p0	1	20
Methylene Chloride	25.0	24.V		ug/L		99	V0 - 1p0	5	20
m-f ylene X 3-f ylene	25.0	25.0		ug/L		100	V0 - 1p0	V	20
Na3hthalene	25.0	2p.9		ug/L		95	V0 - 1p0	6	20
n-* utylbenzene	25.0	2p.8		ug/L		95	V0 - 1p0	4	20
N-Pro3ylbenzene	25.0	2p.4		ug/L		94	V0 - 1p0	5	20
o-f ylene	25.0	24.V		ug/L		99	V0 - 1p0	4	20
sec-* utylbenzene	25.0	2p.V		ug/L		95	V0 - 1p0	4	20
Styrene	25.0	24.5		ug/L		98	V0 - 1p0	4	20
Tert-amyl methyl ether	25.0	24.p		ug/L		9V	V0 - 1p0	2	20
Tert-butyl ethyl ether	25.0	22.0		ug/L		88	V0 - 1p0	2	20
tert-* utylbenzene	25.0	2p.5		ug/L		94	V0 - 1p0	5	20
Tetrachloroethene	25.0	26.4		ug/L		106	V0 - 1p0	8	20
Tetrahydroh-ran	50.0	51.0		ug/L		102	V0 - 1p0	0	20
Toluene	25.0	24.8		ug/L		99	V0 - 1p0	5	20
trans-1,2-Dichloroethene	25.0	24.p		ug/L		9V	V0 - 1p0	6	20
trans-1,p-Dichloro3ro3ene	25.0	25.9		ug/L		104	V0 - 1p0	4	20
Trichloroethene	25.0	24.p		ug/L		9V	V0 - 1p0	8	20
Trichlorofhluoromethane	25.0	22.p		ug/L		89	V0 - 1p0	9	20
&inyl chloride	25.0	20.5		ug/L		82	V0 - 1p0	10	20
Dibromomethane	25.0	24.1		ug/L		96	V0 - 1p0	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*35*		*72 - 102*
1:4-, Dcloroelct ne-d5 (Surr)	*88*		*72 - 102*
5-aroB omfuorof enbene (Surr)	*117*		*72 - 102*

GC/MS VOA

Analysis Batch: 200987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66696-1	TB-001-20140904-01	Total/NA	Water	8260C	
480-66696-2	MW-217D-20140904-01	Total/NA	Water	8260C	
480-66696-3	MW-217M-20140904-01	Total/NA	Water	8260C	
480-66696-4	MW-217S-20140904-01	Total/NA	Water	8260C	
480-66696-5	MW-1024D-20140904-01	Total/NA	Water	8260C	
LCS 480-200987/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-200987/5	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-200987/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 201080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66696-7	MW-1025D-20140904-01	Total/NA	Water	8260C	
480-66696-8	MW-1019B-20140904-01	Total/NA	Water	8260C	
480-66696-9	MW-1020-20140904-01	Total/NA	Water	8260C	
480-66696-11	MW-1017D-20140904-01	Total/NA	Water	8260C	
480-66696-12	MW-1015D-20140904-01	Total/NA	Water	8260C	
480-66696-13	MW-1033-20140904-01	Total/NA	Water	8260C	
480-66696-14	MW-1027-20140904-01	Total/NA	Water	8260C	
480-66696-15	MW-1028-20140904-01	Total/NA	Water	8260C	
480-66696-16	MW-1030-20140904-01	Total/NA	Water	8260C	
LCS 480-201080/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-201080/6	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-201080/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 201129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66696-6	MW-1025M-20140904-01	Total/NA	Water	8260C	
480-66696-10	MW-1018-20140904-01	Total/NA	Water	8260C	
480-66696-11 - DL	MW-1017D-20140904-01	Total/NA	Water	8260C	
480-66696-17	MW-1031-20140904-01	Total/NA	Water	8260C	
480-66696-18	MW-1032-20140904-01	Total/NA	Water	8260C	
480-66696-19	MW-1022-20140904-01	Total/NA	Water	8260C	
480-66696-20	MW-1023-20140904-01	Total/NA	Water	8260C	
480-66696-21	MW-1013-20140904-01	Total/NA	Water	8260C	
480-66696-22	MW-1034-20140904-01	Total/NA	Water	8260C	
480-66696-23	DUP-004-20140904-01	Total/NA	Water	8260C	
480-66696-24	DUP-003-20140904-01	Total/NA	Water	8260C	
480-66696-25	MW-1001M-20140904-01	Total/NA	Water	8260C	
480-66696-26	MW-1001B-20140904-01	Total/NA	Water	8260C	
480-66696-27	MW-1003-20140904-01	Total/NA	Water	8260C	
480-66696-28	MW-1004-20140904-01	Total/NA	Water	8260C	
480-66696-29	MW-1005-20140904-01	Total/NA	Water	8260C	
480-66696-30	MW-1006-20140904-01	Total/NA	Water	8260C	
LCS 480-201129/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-201129/6	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-201129/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 201180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66696-31	MW-1008-20140904-01	Total/NA	Water	8260C	
480-66696-32	MW-1010M-20140904-01	Total/NA	Water	8260C	

GC/MS VOA (Continued)

Analysis Batch: 201180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66696-33	MW-1010D-20140904-02	Total/NA	Water	8260C	
480-66696-34	MW-1011-20140904-01	Total/NA	Water	8260C	
480-66696-35	MW-1016D-20140904-01	Total/NA	Water	8260C	
480-66696-36	MW-1009-20140904-01	Total/NA	Water	8260C	
480-66696-37	DUP-001-20140904-01	Total/NA	Water	8260C	
480-66696-38	DUP-002-20140904-01	Total/NA	Water	8260C	
480-66696-39	SEN-3-20140904-01	Total/NA	Water	8260C	
480-66696-40	SEN-2M-20140904-01	Total/NA	Water	8260C	
480-66696-41	SEN-2D-20140904-01	Total/NA	Water	8260C	
LCS 480-201180/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-201180/6	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-201180/8	Method Blank	Total/NA	Water	8260C	

Client Sample ID: TB-001-20140904-01 — **Lab Sample ID: 480-66696-1**
Date Collected: 09/04/14 11:11 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	200987	09/05/14 16:41	GTG	TAL BUF

Client Sample ID: MW-217D-20140904-01 — **Lab Sample ID: 480-66696-2**
Date Collected: 09/04/14 11:35 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	200987	09/05/14 17:05	GTG	TAL BUF

Client Sample ID: MW-217M-20140904-01 — **Lab Sample ID: 480-66696-3**
Date Collected: 09/04/14 11:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	200987	09/05/14 17:28	GTG	TAL BUF

Client Sample ID: MW-217S-20140904-01 — **Lab Sample ID: 480-66696-4**
Date Collected: 09/04/14 11:15 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	200987	09/05/14 17:53	GTG	TAL BUF

Client Sample ID: MW-1024D-20140904-01 — **Lab Sample ID: 480-66696-5**
Date Collected: 09/04/14 09:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	200987	09/05/14 18:16	GTG	TAL BUF

Client Sample ID: MW-1025M-20140904-01 — **Lab Sample ID: 480-66696-6**
Date Collected: 09/04/14 09:20 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 14:35	GTG	TAL BUF

Client Sample ID: MW-1025D-20140904-01 — **Lab Sample ID: 480-66696-7**
Date Collected: 09/04/14 09:00 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 03:44	CXM	TAL BUF

Client Sample ID: MW-1019B-20140904-01 — **Lab Sample ID: 480-66696-8**
Date Collected: 09/04/14 08:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 04:10	CXM	TAL BUF

Client Sample ID: MW-1020-20140904-01 — **Lab Sample ID: 480-66696-9**
Date Collected: 09/04/14 08:20 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 04:36	CXM	TAL BUF

Client Sample ID: MW-1018-20140904-01 — **Lab Sample ID: 480-66696-10**
Date Collected: 09/04/14 10:45 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 15:00	GTG	TAL BUF

Client Sample ID: MW-1017D-20140904-01 — **Lab Sample ID: 480-66696-11**
Date Collected: 09/04/14 10:30 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 05:27	CXM	TAL BUF
Total/NA	Analysis	8260C	DL	2	201129	09/06/14 15:26	GTG	TAL BUF

Client Sample ID: MW-1015D-20140904-01 — **Lab Sample ID: 480-66696-12**
Date Collected: 09/04/14 10:10 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 05:52	CXM	TAL BUF

Client Sample ID: MW-1033-20140904-01 — **Lab Sample ID: 480-66696-13**
Date Collected: 09/04/14 08:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 06:18	CXM	TAL BUF

Client Sample ID: MW-1027-20140904-01 — **Lab Sample ID: 480-66696-14**
Date Collected: 09/04/14 09:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 06:43	CXM	TAL BUF

Client Sample ID: MW-1028-20140904-01 — **Lab Sample ID: 480-66696-15**
Date Collected: 09/04/14 09:10 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 07:08	CXM	TAL BUF

Client Sample ID: MW-1030-20140904-01 — **Lab Sample ID: 480-66696-16**
Date Collected: 09/04/14 09:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201080	09/06/14 07:34	CXM	TAL BUF

Client Sample ID: MW-1031-20140904-01 — **Lab Sample ID: 480-66696-17**
Date Collected: 09/04/14 10:10 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 15:52	GTG	TAL BUF

Client Sample ID: MW-1032-20140904-01 — **Lab Sample ID: 480-66696-18**
Date Collected: 09/04/14 10:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 16:17	GTG	TAL BUF

Client Sample ID: MW-1022-20140904-01 — **Lab Sample ID: 480-66696-19**
Date Collected: 09/04/14 11:00 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 16:43	GTG	TAL BUF

Client Sample ID: MW-1023-20140904-01 — **Lab Sample ID: 480-66696-20**
Date Collected: 09/04/14 10:40 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 17:09	GTG	TAL BUF

Client Sample ID: MW-1013-20140904-01 — **Lab Sample ID: 480-66696-21**
Date Collected: 09/04/14 10:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 17:35	GTG	TAL BUF

Client Sample ID: MW-1034-20140904-01 — **Lab Sample ID: 480-66696-22**
Date Collected: 09/04/14 11:30 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 18:00	GTG	TAL BUF

Client Sample ID: DUP-004-20140904-01 — **Lab Sample ID: 480-66696-23**
Date Collected: 09/04/14 11:11 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 18:26	GTG	TAL BUF

Client Sample ID: DUP-003-20140904-01 — **Lab Sample ID: 480-66696-24**
Date Collected: 09/04/14 11:11 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 18:51	GTG	TAL BUF

Client Sample ID: MW-1001M-20140904-01 — **Lab Sample ID: 480-66696-25**
Date Collected: 09/04/14 13:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 19:17	GTG	TAL BUF

Client Sample ID: MW-1001B-20140904-01 — **Lab Sample ID: 480-66696-26**
Date Collected: 09/04/14 09:00 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 19:42	GTG	TAL BUF

Client Sample ID: MW-1003-20140904-01 — **Lab Sample ID: 480-66696-27**
Date Collected: 09/04/14 08:50 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 20:08	GTG	TAL BUF

Client Sample ID: MW-1004-20140904-01 — **Lab Sample ID: 480-66696-28**
Date Collected: 09/04/14 08:45 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 20:33	GTG	TAL BUF

Client Sample ID: MW-1005-20140904-01 — **Lab Sample ID: 480-66696-29**
Date Collected: 09/04/14 09:45 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 20:58	GTG	TAL BUF

Client Sample ID: MW-1006-20140904-01 — **Lab Sample ID: 480-66696-30**
Date Collected: 09/04/14 09:25 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201129	09/06/14 21:24	GTG	TAL BUF

Client Sample ID: MW-1008-20140904-01 — **Lab Sample ID: 480-66696-31**
Date Collected: 09/04/14 09:35 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 00:51	CXM	TAL BUF

Client Sample ID: MW-1010M-20140904-01 — **Lab Sample ID: 480-66696-32**
Date Collected: 09/04/14 12:45 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 01:17	CXM	TAL BUF

Client Sample ID: MW-1010D-20140904-02 — **Lab Sample ID: 480-66696-33**
Date Collected: 09/04/14 12:45 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 01:42	CXM	TAL BUF

Client Sample ID: MW-1011-20140904-01 — **Lab Sample ID: 480-66696-34**
Date Collected: 09/04/14 10:00 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 02:08	CXM	TAL BUF

Client Sample ID: MW-1016D-20140904-01 — **Lab Sample ID: 480-66696-35**
Date Collected: 09/04/14 13:00 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 02:33	CXM	TAL BUF

Client Sample ID: MW-1009-20140904-01 — **Lab Sample ID: 480-66696-36**
Date Collected: 09/04/14 13:15 — **Matrix: Water**
Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 02:59	CXM	TAL BUF

Lab Chronicle

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Client Sample ID: DUP-001-20140904-01

Lab Sample ID: 480-66696-37

Date Collected: 09/04/14 11:11

Matrix: Water

Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 03:25	CXM	TAL BUF

Client Sample ID: DUP-002-20140904-01

Lab Sample ID: 480-66696-38

Date Collected: 09/04/14 12:12

Matrix: Water

Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 03:50	CXM	TAL BUF

Client Sample ID: SEN-3-20140904-01

Lab Sample ID: 480-66696-39

Date Collected: 09/04/14 12:50

Matrix: Water

Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 04:15	CXM	TAL BUF

Client Sample ID: SEN-2M-20140904-01

Lab Sample ID: 480-66696-40

Date Collected: 09/04/14 13:05

Matrix: Water

Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 04:40	CXM	TAL BUF

Client Sample ID: SEN-2D-20140904-01

Lab Sample ID: 480-66696-41

Date Collected: 09/04/14 13:00

Matrix: Water

Date Received: 09/05/14 00:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	201180	09/08/14 05:06	CXM	TAL BUF

Laboratory References:

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

Certification Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-14 *
Connecticut	State Program	1	PH-0568	09-30-14 *
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Illinois	NELAP	5	200003	09-30-14 *
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-14 *
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14 *
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	09-30-14 *
Wisconsin	State Program	5	998310390	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

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

Protocol References:

MA DEP = Massachusetts Department Of Environmental Protection

Laboratory References:

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

Sample Summary

Client: ERM-Northeast
Project/Site: IDS Wayland

TestAmerica Job ID: 480-66696-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66696-1	TB-001-20140904-01	Water	09/04/14 11:11	09/05/14 00:30
480-66696-2	MW-217D-20140904-01	Water	09/04/14 11:35	09/05/14 00:30
480-66696-3	MW-217M-20140904-01	Water	09/04/14 11:25	09/05/14 00:30
480-66696-4	MW-217S-20140904-01	Water	09/04/14 11:15	09/05/14 00:30
480-66696-5	MW-1024D-20140904-01	Water	09/04/14 09:50	09/05/14 00:30
480-66696-6	MW-1025M-20140904-01	Water	09/04/14 09:20	09/05/14 00:30
480-66696-7	MW-1025D-20140904-01	Water	09/04/14 09:00	09/05/14 00:30
480-66696-8	MW-1019B-20140904-01	Water	09/04/14 08:50	09/05/14 00:30
480-66696-9	MW-1020-20140904-01	Water	09/04/14 08:20	09/05/14 00:30
480-66696-10	MW-1018-20140904-01	Water	09/04/14 10:45	09/05/14 00:30
480-66696-11	MW-1017D-20140904-01	Water	09/04/14 10:30	09/05/14 00:30
480-66696-12	MW-1015D-20140904-01	Water	09/04/14 10:10	09/05/14 00:30
480-66696-13	MW-1033-20140904-01	Water	09/04/14 08:50	09/05/14 00:30
480-66696-14	MW-1027-20140904-01	Water	09/04/14 09:25	09/05/14 00:30
480-66696-15	MW-1028-20140904-01	Water	09/04/14 09:10	09/05/14 00:30
480-66696-16	MW-1030-20140904-01	Water	09/04/14 09:50	09/05/14 00:30
480-66696-17	MW-1031-20140904-01	Water	09/04/14 10:10	09/05/14 00:30
480-66696-18	MW-1032-20140904-01	Water	09/04/14 10:25	09/05/14 00:30
480-66696-19	MW-1022-20140904-01	Water	09/04/14 11:00	09/05/14 00:30
480-66696-20	MW-1023-20140904-01	Water	09/04/14 10:40	09/05/14 00:30
480-66696-21	MW-1013-20140904-01	Water	09/04/14 10:50	09/05/14 00:30
480-66696-22	MW-1034-20140904-01	Water	09/04/14 11:30	09/05/14 00:30
480-66696-23	DUP-004-20140904-01	Water	09/04/14 11:11	09/05/14 00:30
480-66696-24	DUP-003-20140904-01	Water	09/04/14 11:11	09/05/14 00:30
480-66696-25	MW-1001M-20140904-01	Water	09/04/14 13:25	09/05/14 00:30
480-66696-26	MW-1001B-20140904-01	Water	09/04/14 09:00	09/05/14 00:30
480-66696-27	MW-1003-20140904-01	Water	09/04/14 08:50	09/05/14 00:30
480-66696-28	MW-1004-20140904-01	Water	09/04/14 08:45	09/05/14 00:30
480-66696-29	MW-1005-20140904-01	Water	09/04/14 09:45	09/05/14 00:30
480-66696-30	MW-1006-20140904-01	Water	09/04/14 09:25	09/05/14 00:30
480-66696-31	MW-1008-20140904-01	Water	09/04/14 09:35	09/05/14 00:30
480-66696-32	MW-1010M-20140904-01	Water	09/04/14 12:45	09/05/14 00:30
480-66696-33	MW-1010D-20140904-02	Water	09/04/14 12:45	09/05/14 00:30
480-66696-34	MW-1011-20140904-01	Water	09/04/14 10:00	09/05/14 00:30
480-66696-35	MW-1016D-20140904-01	Water	09/04/14 13:00	09/05/14 00:30
480-66696-36	MW-1009-20140904-01	Water	09/04/14 13:15	09/05/14 00:30
480-66696-37	DUP-001-20140904-01	Water	09/04/14 11:11	09/05/14 00:30
480-66696-38	DUP-002-20140904-01	Water	09/04/14 12:12	09/05/14 00:30
480-66696-39	SEN-3-20140904-01	Water	09/04/14 12:50	09/05/14 00:30
480-66696-40	SEN-2M-20140904-01	Water	09/04/14 13:05	09/05/14 00:30
480-66696-41	SEN-2D-20140904-01	Water	09/04/14 13:00	09/05/14 00:30

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-66696-1

Login Number: 66696

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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.	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	

TestAmerica Westfield
53 Southampton Road

Westfield, MA 01085
phone 413.572.4000 fax

Chain of Custody Record

1 of 4

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Lyndsey Colburn	Site Contact:	Date:	COC No:
Your Company Name here ERM	Tel/Fax: 617 646 7800	Lab Contact:	Carrier:	1 of 4 COCs
Address ONE Beacon	Analysis Turnaround Time			Sampler:
City/State/Zip Boston MA	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone 617 646 7800	TAT if different from Below _____			Walk-in Client:
FAX	☐ 2 weeks			Lab Sampling:
Project Name: IDS Wayland	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8260B (VOCs)	Sample Specific Notes:
TB-001-20140904-01	9/4/14	1111	G	GW	2	N	N	X	
MW-217D-20140904-01	9/4/14	1135	G	GW	3	N	N	X	
MW-217M-20140904-01	9/4/14	1125	G	GW	3	N	N	X	
MW-2175-20140904-01	9/4/14	1115	G	GW	3	N	N	X	
MW-1024D-20140904-01	9/4/14	0950	G	GW	3	N	N	X	
MW-1025M-20140904-01	9/4/14	0920	G	GW	3	N	N	X	
MW-1025D-20140904-01	9/4/14	0900	G	GW	3	N	N	X	
MW-1019B-20140904-01	9/4/14	0850	G	GW	3	N	N	X	
MW-1020-20140904-01	9/4/14	0820	G	GW	3	N	N	X	
MW-1018-20140904-01	9/4/14	1045	G	GW	3	N	N	X	
MW-1017D-20140904-01	9/4/14	1030	G	GW	3	N	N	X	
MW-1015D-20140904-01	9/4/14	1010	G	GW	3	N	N	X	

Smb

480-66696 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Contact Larry Mastera at ~~617 ONE~~ 508-542-3685 if there are any questions.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.0 Corr'd: _____ Therm ID No.: #1

	Company	Date/Time		Company	Date/Time
Relinquished by:	ERM	9/9/14 1430	Received by:	TAL	9/4/14 1430
Relinquished by:	TAL	9/4/14 1600	Received by:		
Relinquished by:			Received in Laboratory by:	TA	9/5/14 0630

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

TestAmerica Westfield
53 Southampton Road
Westfield, MA 01085
phone 413.572.4000 fax

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Lyndsey Wilbur	Site Contact:	Date:	COC No:
Your Company Name here: ERM	Tel/Fax:	Lab Contact:	Carrier:	2 of 4 COCs
Address: ONE Beacon	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
City/State/Zip: Boston MA 02108	TAT if different from Below: ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			For Lab Use Only: Walk-in Client: Lab Sampling:
Phone: 1617 646 7800				Job / SDG No.:
FAX				
Project Name: IDS Wayland				
Site:				
P O #				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260B (VOCs)	Sample Specific Notes:
MW-1033-20140904-01	9/4/14	850	G	GW	3	N	N	X	
MW-1027-20140904-01	9/4/14	925	G	GW	3	N	N	X	
MW-1028-20140904-01	9/4/14	910	G	GW	3	N	N	X	
MW-1030-20140904-01	9/4/14	950	G	GW	3	N	N	X	
MW-1031-20140904-01	9/4/14	1010	G	GW	3	N	N	X	
MW-1032-20140904-01	9/4/14	1025	G	GW	3	N	N	X	
MW-1022-20140904-01	9/4/14	1100	G	GW	3	N	N	X	
MW-1023-20140904-01	9/4/14	1040	G	GW	3	N	N	X	
MW-1013-20140904-01	9/4/14	1050	G	GW	3	N	N	X	
MW-1034-20140904-01	9/4/14	1130	G	GW	3	N	N	X	
DUP-004-20140904-01	9/4/14	1111	G	GW	3	N	N	X	
DUP-003-20140904-01	9/4/14	1111	G	GW	3	N	N	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 3.0 Corr'd: _____	Therm ID No.: IR 1
Relinquished by:	Company: ERM	Date/Time: 9/4/14 1430	Received by:	Company: TAL	Date/Time: 9/4/14 1430
Relinquished by:	Company: TAL	Date/Time: 9/4/14 1600	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 9/5/14 0030

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

TestAmerica Westfield
53 Southampton Road
Westfield, MA 01085
phone 413.572.4000 fax

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: LYNNSEY COLBOURN	Site Contact:	Date:	COC No: 3 of 4 COCs
Your Company Name here: ERM	Tel/Fax:	Lab Contact:	Carrier:	Sampler:
Address	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone	TAT if different from Below			Lab Sampling:
FAX	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	ERM contract STND.		Job / SDG No.:
Project Name: 103 WAYLAND				
Site:				
P O #				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8260	Sample Specific Notes:
MW-1001M-20140904-01	09/04/14	1330	G	GW	3				
MW-1001B-20140904-01		0900							
MW-1003-20140904-01		0850							
MW-1004-20140904-01		0845							
MW-1005-20140904-01		0945							
MW-1006-20140904-01		0925							
MW-1008-20140904-01		0935							
MW-1010M-20140904-01		1245							
MW-1010D-20140904-02		1245							
MW-1011-20140904-01		1000							
MW-1016D-20140904-01		1300							
MW-1009-20140904-01		1315							

4 SM

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.0 Corr'd: _____ | Therm ID No.: 141

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ERM	9/4/14 1430		TAL	9/4/14 1430
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TAL	9/4/14 1602			
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	9/5/14 0030

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

TestAmerica Westfield
53 Southampton Road
Westfield MA 01085
Phone: (413) 572-4000 Fax: (413) 572-3707

Boston Service Center
240 Bear Hill Road -- Suite 104
Waltham MA 02451
Phone: (781) 466-6900 Fax: (781) 466-6901

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information:	Sample Collector's Name (Please Print Neatly):	Lab PM:	Carrier Tracking No(s):	COC No: 30615
Client Contact: [illegible]	Sample Collector's Phone:	Lab PM's E-Mail:		Page: 4 of 4
Company: ERM				Job #:
Address:	PWS ID Number:			
City:	Turnaround Time (TAT) Requested (business days):			
State and Zip:				
Client's Phone:	Quote #:			
Client's Contact Email:	PO #:			
Client's Project Name/Number: IDS WAYLAND	WO #:			
Sample Collection Site Name & Location:	SSOW#:			

Analyses Requested

Preservation Codes:
A - Hydrochloric Acid; B - Sodium Hydroxide; C - Zinc Acetate; D - Nitric Acid; E - Sodium Bisulfite; F - Methanol; H - Ascorbic Acid; J - Deionized Water; M - Hexane; N - No Preservative; P - Sodium Sulfate; Q - Sodium Sulfite; R - Sodium Thiosulfate; S - Sulfuric Acid; Z - other (specify): _____

Regulatory Programs:
MCP ☐ GW1/S1 ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐ eDEP Filing ☐ NPDES ☐

SUBCONTRACT POLICY: Unless you provide instructions to the contrary, or specify which sub-contract labs are or are not to be used, you agree in advance to permit TestAmerica to use certified, subcontract labs, without any additional notification made by us, as necessary to fulfill your work order.

Sample Identification	Sample Collection Date (MM/DD/YY)	Sample Collection Time (24 Hr Clock)	Sample Type: C=Comp G=Grab	Matrix Type **	Was the Sample Field Filtered? (Y/N)	Perform MS/MSD on This Sample? (Y/N)	VOC 8260	Total Number of Containers (per line)
			Preservation Codes =>					
DUP-001-20140904-01	09/04/14	1111	G	GW			X	3
DUP-002-20140904-01		1212						
SEN-3-20140904-01		1250						
SEN-2M-20140904-01		1305						
SEN-2D-20140904-01		1300						

Special Instructions & Notes:

Possible Hazard Identification (please check off each that may apply):
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

** **Matrix Types:** A=Air S=Solid/Soil W=Water O=Oil X=Waste (non-water) Z=Other: _____

► NOTE!! ALL SAMPLES MUST BE TRANSPORTED ON ICE !! ◄

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	9/4/14 1420	ERM	[signature]	9/4/14 1430	TAL
[signature]	9/4/14 1600	TAL			
			[signature] TA	9/5/14 0030	TA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.0 #1

WI-QA-010-rev 7