

**FORMER GASTOWN MGP SITE
SITE NO. 915171**

**2025 LAB REPORTS
FOR THE GROUNDWATER COLLECTION
& TREATMENT SYSTEM**

Compliance samples were collected
every month in 2025

 **ANALYTICAL REPORT****PREPARED FOR**

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JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-226965-1

Eurofins Buffalo

Job Notes

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Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	22
Lab Chronicle	23
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-226965-1

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Job Narrative 480-226965-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/23/2025 1:27 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

GC/MS VOA

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 480-737740. The following samples were affected: Post Carbon 2 (480-226965-1) and Pre-Carbon (480-226965-2).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Pre-Carbon (480-226965-2), Outside Sump (480-226965-3), (480-226965-B-2 MS) and (480-226965-B-2 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-737801 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The following associated samples are impacted: (480-226965-B-2 MS) and (480-226965-B-2 MSD)

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-226965-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.99	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-226965-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	36		4.0	0.84	ug/L	4		8260C	Total/NA
Ethylbenzene	78		4.0	3.0	ug/L	4		8260C	Total/NA
m,p-Xylene	42		8.0	2.6	ug/L	4		8260C	Total/NA
Naphthalene	48		4.0	1.7	ug/L	4		8260C	Total/NA
o-Xylene	30		4.0	3.0	ug/L	4		8260C	Total/NA
Toluene	120		4.0	2.0	ug/L	4		8260C	Total/NA
Xylenes, Total	72		8.0	2.6	ug/L	4		8260C	Total/NA
Benzene - DL	2000	F1	40	16	ug/L	40		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-226965-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4100		50	21	ug/L	50		8260C	Total/NA
Ethylbenzene	240		50	37	ug/L	50		8260C	Total/NA
m,p-Xylene	100		100	33	ug/L	50		8260C	Total/NA
Naphthalene	350		50	22	ug/L	50		8260C	Total/NA
o-Xylene	59		50	38	ug/L	50		8260C	Total/NA
Toluene	340		50	26	ug/L	50		8260C	Total/NA
Xylenes, Total	160		100	33	ug/L	50		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-226965-1

Date Collected: 01/23/25 12:30

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/23/25 15:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/23/25 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/23/25 15:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/23/25 15:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/23/25 15:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/23/25 15:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/23/25 15:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/23/25 15:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/23/25 15:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/23/25 15:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/23/25 15:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/23/25 15:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/23/25 15:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/23/25 15:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/23/25 15:40	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			01/23/25 15:40	1
2-Hexanone	ND		5.0	1.2	ug/L			01/23/25 15:40	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/23/25 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/23/25 15:40	1
Acetone	ND		10	3.0	ug/L			01/23/25 15:40	1
Benzene	ND		1.0	0.41	ug/L			01/23/25 15:40	1
Bromoform	ND		1.0	0.26	ug/L			01/23/25 15:40	1
Bromomethane	ND		1.0	0.69	ug/L			01/23/25 15:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/23/25 15:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/23/25 15:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/23/25 15:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/23/25 15:40	1
Chloroethane	ND		1.0	0.32	ug/L			01/23/25 15:40	1
Chloroform	0.99	J	1.0	0.34	ug/L			01/23/25 15:40	1
Chloromethane	ND		1.0	0.35	ug/L			01/23/25 15:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/23/25 15:40	1
Cyclohexane	ND		1.0	0.18	ug/L			01/23/25 15:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/23/25 15:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/25 15:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/23/25 15:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/23/25 15:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/23/25 15:40	1
Methyl acetate	ND		2.5	1.3	ug/L			01/23/25 15:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/23/25 15:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/23/25 15:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/23/25 15:40	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/23/25 15:40	1
Naphthalene	ND		1.0	0.43	ug/L			01/23/25 15:40	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/23/25 15:40	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/23/25 15:40	1
o-Xylene	ND		1.0	0.76	ug/L			01/23/25 15:40	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/23/25 15:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/23/25 15:40	1
Toluene	ND		1.0	0.51	ug/L			01/23/25 15:40	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-226965-1

Date Collected: 01/23/25 12:30

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/23/25 15:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/23/25 15:40	1
Trichloroethene	ND		1.0	0.46	ug/L			01/23/25 15:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/23/25 15:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/23/25 15:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/23/25 15:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/23/25 15:40	1
Styrene	ND		1.0	0.73	ug/L			01/23/25 15:40	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/23/25 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120					01/23/25 15:40	1
4-Bromofluorobenzene (Surr)	94		73 - 120					01/23/25 15:40	1
Toluene-d8 (Surr)	84		80 - 120					01/23/25 15:40	1
Dibromofluoromethane (Surr)	103		75 - 123					01/23/25 15:40	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-226965-2

Date Collected: 01/23/25 12:40

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			01/23/25 16:05	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/23/25 16:05	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			01/23/25 16:05	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/23/25 16:05	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			01/23/25 16:05	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			01/23/25 16:05	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			01/23/25 16:05	4
1,2,4-Trimethylbenzene	ND		4.0	3.0	ug/L			01/23/25 16:05	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			01/23/25 16:05	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			01/23/25 16:05	4
1,2-Dichloroethane	36		4.0	0.84	ug/L			01/23/25 16:05	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/23/25 16:05	4
1,3,5-Trimethylbenzene	ND		4.0	3.1	ug/L			01/23/25 16:05	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			01/23/25 16:05	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			01/23/25 16:05	4
2-Butanone (MEK)	ND	+	40	5.3	ug/L			01/23/25 16:05	4
2-Hexanone	ND		20	5.0	ug/L			01/23/25 16:05	4
4-Isopropyltoluene	ND		4.0	1.2	ug/L			01/23/25 16:05	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/23/25 16:05	4
Acetone	ND		40	12	ug/L			01/23/25 16:05	4
Bromoform	ND		4.0	1.0	ug/L			01/23/25 16:05	4
Bromomethane	ND		4.0	2.8	ug/L			01/23/25 16:05	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/23/25 16:05	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/23/25 16:05	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/23/25 16:05	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/23/25 16:05	4
Chloroethane	ND		4.0	1.3	ug/L			01/23/25 16:05	4
Chloroform	ND		4.0	1.4	ug/L			01/23/25 16:05	4

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-226965-2

Date Collected: 01/23/25 12:40

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		4.0	1.4	ug/L			01/23/25 16:05	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			01/23/25 16:05	4
Cyclohexane	ND		4.0	0.72	ug/L			01/23/25 16:05	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/23/25 16:05	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/23/25 16:05	4
Ethylbenzene	78		4.0	3.0	ug/L			01/23/25 16:05	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			01/23/25 16:05	4
Isopropylbenzene	ND		4.0	3.2	ug/L			01/23/25 16:05	4
Methyl acetate	ND		10	5.2	ug/L			01/23/25 16:05	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			01/23/25 16:05	4
Methylcyclohexane	ND		4.0	0.64	ug/L			01/23/25 16:05	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/23/25 16:05	4
m,p-Xylene	42		8.0	2.6	ug/L			01/23/25 16:05	4
Naphthalene	48		4.0	1.7	ug/L			01/23/25 16:05	4
n-Butylbenzene	ND		4.0	2.6	ug/L			01/23/25 16:05	4
N-Propylbenzene	ND		4.0	2.8	ug/L			01/23/25 16:05	4
o-Xylene	30		4.0	3.0	ug/L			01/23/25 16:05	4
sec-Butylbenzene	ND		4.0	3.0	ug/L			01/23/25 16:05	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/23/25 16:05	4
Toluene	120		4.0	2.0	ug/L			01/23/25 16:05	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/23/25 16:05	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/23/25 16:05	4
Trichloroethene	ND		4.0	1.8	ug/L			01/23/25 16:05	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			01/23/25 16:05	4
Vinyl chloride	ND		4.0	3.6	ug/L			01/23/25 16:05	4
Xylenes, Total	72		8.0	2.6	ug/L			01/23/25 16:05	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/23/25 16:05	4
Styrene	ND		4.0	2.9	ug/L			01/23/25 16:05	4
tert-Butylbenzene	ND		4.0	3.2	ug/L			01/23/25 16:05	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		01/23/25 16:05	4
4-Bromofluorobenzene (Surr)	97		73 - 120		01/23/25 16:05	4
Toluene-d8 (Surr)	82		80 - 120		01/23/25 16:05	4
Dibromofluoromethane (Surr)	110		75 - 123		01/23/25 16:05	4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2000	F1	40	16	ug/L			01/24/25 12:20	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		01/24/25 12:20	40
4-Bromofluorobenzene (Surr)	104		73 - 120		01/24/25 12:20	40
Toluene-d8 (Surr)	102		80 - 120		01/24/25 12:20	40
Dibromofluoromethane (Surr)	104		75 - 123		01/24/25 12:20	40

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-226965-3

Date Collected: 01/23/25 12:50

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			01/24/25 12:42	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			01/24/25 12:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			01/24/25 12:42	50
1,1,2-Trichloroethane	ND		50	12	ug/L			01/24/25 12:42	50
1,1-Dichloroethane	ND		50	19	ug/L			01/24/25 12:42	50
1,1-Dichloroethene	ND		50	15	ug/L			01/24/25 12:42	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			01/24/25 12:42	50
1,2,4-Trimethylbenzene	ND		50	38	ug/L			01/24/25 12:42	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			01/24/25 12:42	50
1,2-Dichlorobenzene	ND		50	40	ug/L			01/24/25 12:42	50
1,2-Dichloroethane	ND		50	11	ug/L			01/24/25 12:42	50
1,2-Dichloropropane	ND		50	36	ug/L			01/24/25 12:42	50
1,3,5-Trimethylbenzene	ND		50	39	ug/L			01/24/25 12:42	50
1,3-Dichlorobenzene	ND		50	39	ug/L			01/24/25 12:42	50
1,4-Dichlorobenzene	ND		50	42	ug/L			01/24/25 12:42	50
2-Butanone (MEK)	ND		500	66	ug/L			01/24/25 12:42	50
2-Hexanone	ND		250	62	ug/L			01/24/25 12:42	50
4-Isopropyltoluene	ND		50	16	ug/L			01/24/25 12:42	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			01/24/25 12:42	50
Acetone	ND		500	150	ug/L			01/24/25 12:42	50
Benzene	4100		50	21	ug/L			01/24/25 12:42	50
Bromoform	ND		50	13	ug/L			01/24/25 12:42	50
Bromomethane	ND		50	35	ug/L			01/24/25 12:42	50
Carbon disulfide	ND		50	9.5	ug/L			01/24/25 12:42	50
Carbon tetrachloride	ND		50	14	ug/L			01/24/25 12:42	50
Chlorobenzene	ND		50	38	ug/L			01/24/25 12:42	50
Dibromochloromethane	ND		50	16	ug/L			01/24/25 12:42	50
Chloroethane	ND		50	16	ug/L			01/24/25 12:42	50
Chloroform	ND		50	17	ug/L			01/24/25 12:42	50
Chloromethane	ND		50	18	ug/L			01/24/25 12:42	50
cis-1,2-Dichloroethene	ND		50	41	ug/L			01/24/25 12:42	50
Cyclohexane	ND		50	9.0	ug/L			01/24/25 12:42	50
Bromodichloromethane	ND		50	20	ug/L			01/24/25 12:42	50
Dichlorodifluoromethane	ND		50	34	ug/L			01/24/25 12:42	50
Ethylbenzene	240		50	37	ug/L			01/24/25 12:42	50
1,2-Dibromoethane	ND		50	37	ug/L			01/24/25 12:42	50
Isopropylbenzene	ND		50	40	ug/L			01/24/25 12:42	50
Methyl acetate	ND		130	65	ug/L			01/24/25 12:42	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			01/24/25 12:42	50
Methylcyclohexane	ND		50	8.0	ug/L			01/24/25 12:42	50
Methylene Chloride	ND		50	22	ug/L			01/24/25 12:42	50
m,p-Xylene	100		100	33	ug/L			01/24/25 12:42	50
Naphthalene	350		50	22	ug/L			01/24/25 12:42	50
n-Butylbenzene	ND		50	32	ug/L			01/24/25 12:42	50
N-Propylbenzene	ND		50	35	ug/L			01/24/25 12:42	50
o-Xylene	59		50	38	ug/L			01/24/25 12:42	50
sec-Butylbenzene	ND		50	38	ug/L			01/24/25 12:42	50
Tetrachloroethene	ND		50	18	ug/L			01/24/25 12:42	50
Toluene	340		50	26	ug/L			01/24/25 12:42	50

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-226965-3

Date Collected: 01/23/25 12:50

Matrix: Water

Date Received: 01/23/25 13:27

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		50	45	ug/L			01/24/25 12:42	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			01/24/25 12:42	50
Trichloroethene	ND		50	23	ug/L			01/24/25 12:42	50
Trichlorofluoromethane	ND		50	44	ug/L			01/24/25 12:42	50
Vinyl chloride	ND		50	45	ug/L			01/24/25 12:42	50
Xylenes, Total	160		100	33	ug/L			01/24/25 12:42	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			01/24/25 12:42	50
Styrene	ND		50	37	ug/L			01/24/25 12:42	50
tert-Butylbenzene	ND		50	41	ug/L			01/24/25 12:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		01/24/25 12:42	50
4-Bromofluorobenzene (Surr)	102		73 - 120		01/24/25 12:42	50
Toluene-d8 (Surr)	100		80 - 120		01/24/25 12:42	50
Dibromofluoromethane (Surr)	103		75 - 123		01/24/25 12:42	50

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-226965-1	Post Carbon 2	92	94	84	103
480-226965-2	Pre-Carbon	97	97	82	110
480-226965-2 - DL	Pre-Carbon	100	104	102	104
480-226965-2 MS	Pre-Carbon	97	99	102	100
480-226965-2 MSD	Pre-Carbon	95	98	100	100
480-226965-3	Outside Sump	99	102	100	103
LCS 480-737740/6	Lab Control Sample	105	100	85	111
LCS 480-737801/6	Lab Control Sample	94	99	101	98
MB 480-737740/9	Method Blank	92	92	84	105
MB 480-737801/8	Method Blank	98	103	98	102

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: MB 480-737740/9
Matrix: Water
Analysis Batch: 737740

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/23/25 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/23/25 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/23/25 14:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/23/25 14:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/23/25 14:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/23/25 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/23/25 14:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/23/25 14:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/23/25 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/23/25 14:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/23/25 14:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/23/25 14:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/23/25 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/23/25 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/23/25 14:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/23/25 14:04	1
2-Hexanone	ND		5.0	1.2	ug/L			01/23/25 14:04	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/23/25 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/23/25 14:04	1
Acetone	ND		10	3.0	ug/L			01/23/25 14:04	1
Benzene	ND		1.0	0.41	ug/L			01/23/25 14:04	1
Bromoform	ND		1.0	0.26	ug/L			01/23/25 14:04	1
Bromomethane	ND		1.0	0.69	ug/L			01/23/25 14:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/23/25 14:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/23/25 14:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/23/25 14:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/23/25 14:04	1
Chloroethane	ND		1.0	0.32	ug/L			01/23/25 14:04	1
Chloroform	ND		1.0	0.34	ug/L			01/23/25 14:04	1
Chloromethane	ND		1.0	0.35	ug/L			01/23/25 14:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/23/25 14:04	1
Cyclohexane	ND		1.0	0.18	ug/L			01/23/25 14:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/23/25 14:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/25 14:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/23/25 14:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/23/25 14:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/23/25 14:04	1
Methyl acetate	ND		2.5	1.3	ug/L			01/23/25 14:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/23/25 14:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/23/25 14:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/23/25 14:04	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/23/25 14:04	1
Naphthalene	ND		1.0	0.43	ug/L			01/23/25 14:04	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/23/25 14:04	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/23/25 14:04	1
o-Xylene	ND		1.0	0.76	ug/L			01/23/25 14:04	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/23/25 14:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/23/25 14:04	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: MB 480-737740/9
Matrix: Water
Analysis Batch: 737740

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			01/23/25 14:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/23/25 14:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/23/25 14:04	1
Trichloroethene	ND		1.0	0.46	ug/L			01/23/25 14:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/23/25 14:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/23/25 14:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/23/25 14:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/23/25 14:04	1
Styrene	ND		1.0	0.73	ug/L			01/23/25 14:04	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/23/25 14:04	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		01/23/25 14:04	1
4-Bromofluorobenzene (Surr)	92		73 - 120		01/23/25 14:04	1
Toluene-d8 (Surr)	84		80 - 120		01/23/25 14:04	1
Dibromofluoromethane (Surr)	105		75 - 123		01/23/25 14:04	1

Lab Sample ID: LCS 480-737740/6
Matrix: Water
Analysis Batch: 737740

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	73 - 126
1,1,1,2-Tetrachloroethane	25.0	23.7		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	22.8		ug/L		91	76 - 122
1,1-Dichloroethane	25.0	27.2		ug/L		109	77 - 120
1,1-Dichloroethene	25.0	27.9		ug/L		112	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2,4-Trimethylbenzene	25.0	23.3		ug/L		93	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	21.3		ug/L		85	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	28.3		ug/L		113	76 - 120
1,3,5-Trimethylbenzene	25.0	23.6		ug/L		94	77 - 121
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	229	*+	ug/L		184	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Isopropyltoluene	25.0	24.8		ug/L		99	73 - 120
4-Methyl-2-pentanone (MIBK)	125	100		ug/L		80	71 - 125
Acetone	125	122		ug/L		98	56 - 142
Benzene	25.0	27.8		ug/L		111	71 - 124
Bromoform	25.0	23.1		ug/L		92	61 - 132
Bromomethane	25.0	25.3		ug/L		101	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	27.9		ug/L		112	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: LCS 480-737740/6
Matrix: Water
Analysis Batch: 737740

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	24.6		ug/L		99	75 - 125
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	24.3		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	29.0		ug/L		116	74 - 124
Cyclohexane	25.0	25.6		ug/L		102	59 - 135
Bromodichloromethane	25.0	29.2		ug/L		117	80 - 122
Dichlorodifluoromethane	25.0	25.9		ug/L		103	59 - 135
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	24.7		ug/L		99	77 - 120
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	46.1		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		97	77 - 120
Methylcyclohexane	25.0	28.4		ug/L		113	68 - 134
Methylene Chloride	25.0	28.4		ug/L		114	75 - 124
m,p-Xylene	25.0	24.6		ug/L		98	76 - 122
Naphthalene	25.0	25.0		ug/L		100	66 - 125
n-Butylbenzene	25.0	24.5		ug/L		98	71 - 128
N-Propylbenzene	25.0	23.9		ug/L		96	75 - 127
o-Xylene	25.0	24.7		ug/L		99	76 - 122
sec-Butylbenzene	25.0	24.2		ug/L		97	74 - 127
Tetrachloroethene	25.0	25.6		ug/L		103	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	80 - 120
Trichloroethene	25.0	30.2		ug/L		121	74 - 123
Trichlorofluoromethane	25.0	26.4		ug/L		106	62 - 150
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133
cis-1,3-Dichloropropene	25.0	30.8		ug/L		123	74 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
tert-Butylbenzene	25.0	25.5		ug/L		102	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	85		80 - 120
Dibromofluoromethane (Surr)	111		75 - 123

Lab Sample ID: MB 480-737801/8
Matrix: Water
Analysis Batch: 737801

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-Trichloroethane	ND		1.0	0.82	ug/L			01/24/25 11:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/24/25 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/24/25 11:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/24/25 11:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/24/25 11:47	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: MB 480-737801/8
Matrix: Water
Analysis Batch: 737801

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/24/25 11:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/24/25 11:47	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/24/25 11:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/24/25 11:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/24/25 11:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/24/25 11:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/24/25 11:47	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/24/25 11:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/24/25 11:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/24/25 11:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/24/25 11:47	1
2-Hexanone	ND		5.0	1.2	ug/L			01/24/25 11:47	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/24/25 11:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/24/25 11:47	1
Acetone	ND		10	3.0	ug/L			01/24/25 11:47	1
Benzene	ND		1.0	0.41	ug/L			01/24/25 11:47	1
Bromoform	ND		1.0	0.26	ug/L			01/24/25 11:47	1
Bromomethane	ND		1.0	0.69	ug/L			01/24/25 11:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/24/25 11:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/24/25 11:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/24/25 11:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/24/25 11:47	1
Chloroethane	ND		1.0	0.32	ug/L			01/24/25 11:47	1
Chloroform	ND		1.0	0.34	ug/L			01/24/25 11:47	1
Chloromethane	ND		1.0	0.35	ug/L			01/24/25 11:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/24/25 11:47	1
Cyclohexane	ND		1.0	0.18	ug/L			01/24/25 11:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/24/25 11:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/25 11:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/24/25 11:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/24/25 11:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/24/25 11:47	1
Methyl acetate	ND		2.5	1.3	ug/L			01/24/25 11:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/24/25 11:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/24/25 11:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/24/25 11:47	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/24/25 11:47	1
Naphthalene	ND		1.0	0.43	ug/L			01/24/25 11:47	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/24/25 11:47	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/24/25 11:47	1
o-Xylene	ND		1.0	0.76	ug/L			01/24/25 11:47	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/24/25 11:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/24/25 11:47	1
Toluene	ND		1.0	0.51	ug/L			01/24/25 11:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/24/25 11:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/24/25 11:47	1
Trichloroethene	ND		1.0	0.46	ug/L			01/24/25 11:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/24/25 11:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/24/25 11:47	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: MB 480-737801/8
Matrix: Water
Analysis Batch: 737801

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			01/24/25 11:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/24/25 11:47	1
Styrene	ND		1.0	0.73	ug/L			01/24/25 11:47	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/24/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		01/24/25 11:47	1
4-Bromofluorobenzene (Surr)	103		73 - 120		01/24/25 11:47	1
Toluene-d8 (Surr)	98		80 - 120		01/24/25 11:47	1
Dibromofluoromethane (Surr)	102		75 - 123		01/24/25 11:47	1

Lab Sample ID: LCS 480-737801/6
Matrix: Water
Analysis Batch: 737801

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-Trichloroethane	25.0	26.1		ug/L		105	73 - 126
1,1,1,2-Tetrachloroethane	25.0	26.4		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.5		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	27.0		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	79 - 122
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	26.9		ug/L		107	56 - 134
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3,5-Trimethylbenzene	25.0	27.8		ug/L		111	77 - 121
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	80 - 120
2-Butanone (MEK)	125	128		ug/L		102	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Isopropyltoluene	25.0	28.0		ug/L		112	73 - 120
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		101	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	25.3		ug/L		101	71 - 124
Bromoform	25.0	29.0		ug/L		116	61 - 132
Bromomethane	25.0	24.7		ug/L		99	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	27.0		ug/L		108	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	80 - 120
Dibromochloromethane	25.0	27.4		ug/L		110	75 - 125
Chloroethane	25.0	22.6		ug/L		91	69 - 136
Chloroform	25.0	23.9		ug/L		95	73 - 127
Chloromethane	25.0	25.0		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: LCS 480-737801/6
Matrix: Water
Analysis Batch: 737801

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Dichlorodifluoromethane	25.0	27.8		ug/L		111	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
Isopropylbenzene	25.0	27.9		ug/L		112	77 - 122
Methyl acetate	50.0	47.6		ug/L		95	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	25.0	27.3		ug/L		109	68 - 134
Methylene Chloride	25.0	26.1		ug/L		104	75 - 124
m,p-Xylene	25.0	26.9		ug/L		108	76 - 122
Naphthalene	25.0	27.1		ug/L		108	66 - 125
n-Butylbenzene	25.0	27.9		ug/L		112	71 - 128
N-Propylbenzene	25.0	27.7		ug/L		111	75 - 127
o-Xylene	25.0	26.4		ug/L		106	76 - 122
sec-Butylbenzene	25.0	28.3		ug/L		113	74 - 127
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	80 - 120
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	25.0		ug/L		100	62 - 150
Vinyl chloride	25.0	24.2		ug/L		97	65 - 133
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	74 - 124
Styrene	25.0	26.8		ug/L		107	80 - 120
tert-Butylbenzene	25.0	28.7		ug/L		115	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-226965-2 MS
Matrix: Water
Analysis Batch: 737801

Client Sample ID: Pre-Carbon
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		1000	1090		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	ND		1000	1050		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	1110		ug/L		111	61 - 148
1,1,2-Trichloroethane	ND		1000	1060		ug/L		106	76 - 122
1,1-Dichloroethane	ND		1000	1030		ug/L		103	77 - 120
1,1-Dichloroethene	ND		1000	1140		ug/L		114	66 - 127
1,2,4-Trichlorobenzene	ND		1000	1120		ug/L		112	79 - 122
1,2,4-Trimethylbenzene	ND		1000	1120		ug/L		112	76 - 121
1,2-Dibromo-3-Chloropropane	ND		1000	1040		ug/L		104	56 - 134
1,2-Dichlorobenzene	ND		1000	1040		ug/L		104	80 - 124
1,2-Dichloroethane	ND		1000	958		ug/L		96	75 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: 480-226965-2 MS

Matrix: Water

Analysis Batch: 737801

Client Sample ID: Pre-Carbon

Prep Type: Total/NA

Analyte	Sample		Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
1,2-Dichloropropane	ND		1000	1060		ug/L		106	76 - 120
1,3,5-Trimethylbenzene	ND		1000	1120		ug/L		112	77 - 121
1,3-Dichlorobenzene	ND		1000	1020		ug/L		102	77 - 120
1,4-Dichlorobenzene	ND		1000	1020		ug/L		102	78 - 124
2-Butanone (MEK)	ND		5000	5190		ug/L		104	57 - 140
2-Hexanone	ND		5000	5010		ug/L		100	65 - 127
4-Isopropyltoluene	ND		1000	1120		ug/L		112	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		5000	4960		ug/L		99	71 - 125
Acetone	ND		5000	4400		ug/L		88	56 - 142
Benzene	2000	F1	1000	2570	F1	ug/L		52	71 - 124
Bromoform	ND		1000	1110		ug/L		111	61 - 132
Bromomethane	ND		1000	1080		ug/L		108	55 - 144
Carbon disulfide	ND		1000	1060		ug/L		106	59 - 134
Carbon tetrachloride	ND		1000	1130		ug/L		113	72 - 134
Chlorobenzene	ND		1000	1040		ug/L		104	80 - 120
Dibromochloromethane	ND		1000	1080		ug/L		108	75 - 125
Chloroethane	ND		1000	962		ug/L		96	69 - 136
Chloroform	ND		1000	1000		ug/L		100	73 - 127
Chloromethane	ND		1000	1080		ug/L		108	68 - 124
cis-1,2-Dichloroethene	ND		1000	1090		ug/L		109	74 - 124
Cyclohexane	ND		1000	1090		ug/L		109	59 - 135
Bromodichloromethane	ND		1000	1050		ug/L		105	80 - 122
Dichlorodifluoromethane	ND		1000	1180		ug/L		118	59 - 135
Ethylbenzene	110		1000	1150		ug/L		104	77 - 123
1,2-Dibromoethane	ND		1000	1070		ug/L		107	77 - 120
Isopropylbenzene	ND		1000	1130		ug/L		113	77 - 122
Methyl acetate	ND		2000	1900		ug/L		95	74 - 133
Methyl tert-butyl ether	ND		1000	999		ug/L		100	77 - 120
Methylcyclohexane	ND		1000	1120		ug/L		112	68 - 134
Methylene Chloride	ND		1000	1150		ug/L		115	75 - 124
m,p-Xylene	58	J	1000	1100		ug/L		105	76 - 122
Naphthalene	57		1000	1140		ug/L		108	66 - 125
n-Butylbenzene	ND		1000	1130		ug/L		113	71 - 128
N-Propylbenzene	ND		1000	1120		ug/L		112	75 - 127
o-Xylene	39	J	1000	1090		ug/L		105	76 - 122
sec-Butylbenzene	ND		1000	1150		ug/L		115	74 - 127
Tetrachloroethene	ND		1000	1080		ug/L		108	74 - 122
Toluene	180		1000	1190		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		1000	1090		ug/L		109	73 - 127
trans-1,3-Dichloropropene	ND		1000	1080		ug/L		108	80 - 120
Trichloroethene	ND		1000	1080		ug/L		108	74 - 123
Trichlorofluoromethane	ND		1000	1060		ug/L		106	62 - 150
Vinyl chloride	ND		1000	1040		ug/L		104	65 - 133
cis-1,3-Dichloropropene	ND		1000	1090		ug/L		109	74 - 124
Styrene	ND		1000	1080		ug/L		108	80 - 120
tert-Butylbenzene	ND		1000	1170		ug/L		117	75 - 123

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: 480-226965-2 MS
Matrix: Water
Analysis Batch: 737801

Client Sample ID: Pre-Carbon
Prep Type: Total/NA

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: 480-226965-2 MSD
Matrix: Water
Analysis Batch: 737801

Client Sample ID: Pre-Carbon
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1,1,1-Trichloroethane	ND		1000	1120		ug/L		112	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		1000	1050		ug/L		105	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	1140		ug/L		114	61 - 148	2	20
1,1,2-Trichloroethane	ND		1000	1060		ug/L		106	76 - 122	0	15
1,1-Dichloroethane	ND		1000	1060		ug/L		106	77 - 120	2	20
1,1-Dichloroethene	ND		1000	1150		ug/L		115	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		1000	1120		ug/L		112	79 - 122	0	20
1,2,4-Trimethylbenzene	ND		1000	1130		ug/L		113	76 - 121	1	20
1,2-Dibromo-3-Chloropropane	ND		1000	1030		ug/L		103	56 - 134	0	15
1,2-Dichlorobenzene	ND		1000	1060		ug/L		106	80 - 124	2	20
1,2-Dichloroethane	ND		1000	951		ug/L		95	75 - 120	1	20
1,2-Dichloropropane	ND		1000	1050		ug/L		105	76 - 120	0	20
1,3,5-Trimethylbenzene	ND		1000	1140		ug/L		114	77 - 121	2	20
1,3-Dichlorobenzene	ND		1000	1040		ug/L		104	77 - 120	1	20
1,4-Dichlorobenzene	ND		1000	1020		ug/L		102	78 - 124	0	20
2-Butanone (MEK)	ND		5000	5030		ug/L		101	57 - 140	3	20
2-Hexanone	ND		5000	4920		ug/L		98	65 - 127	2	15
4-Isopropyltoluene	ND		1000	1150		ug/L		115	73 - 120	2	20
4-Methyl-2-pentanone (MIBK)	ND		5000	4800		ug/L		96	71 - 125	3	35
Acetone	ND		5000	4330		ug/L		87	56 - 142	1	15
Benzene	2000	F1	1000	2600	F1	ug/L		56	71 - 124	1	13
Bromoform	ND		1000	1120		ug/L		112	61 - 132	1	15
Bromomethane	ND		1000	1020		ug/L		102	55 - 144	6	15
Carbon disulfide	ND		1000	1080		ug/L		108	59 - 134	2	15
Carbon tetrachloride	ND		1000	1160		ug/L		116	72 - 134	2	15
Chlorobenzene	ND		1000	1050		ug/L		105	80 - 120	2	25
Dibromochloromethane	ND		1000	1090		ug/L		109	75 - 125	1	15
Chloroethane	ND		1000	925		ug/L		92	69 - 136	4	15
Chloroform	ND		1000	1010		ug/L		101	73 - 127	0	20
Chloromethane	ND		1000	1030		ug/L		103	68 - 124	4	15
cis-1,2-Dichloroethene	ND		1000	1110		ug/L		111	74 - 124	2	15
Cyclohexane	ND		1000	1120		ug/L		112	59 - 135	2	20
Bromodichloromethane	ND		1000	1070		ug/L		107	80 - 122	1	15
Dichlorodifluoromethane	ND		1000	1170		ug/L		117	59 - 135	0	20
Ethylbenzene	110		1000	1170		ug/L		106	77 - 123	2	15
1,2-Dibromoethane	ND		1000	1070		ug/L		107	77 - 120	0	15
Isopropylbenzene	ND		1000	1160		ug/L		116	77 - 122	2	20
Methyl acetate	ND		2000	1860		ug/L		93	74 - 133	3	20

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

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

Lab Sample ID: 480-226965-2 MSD

Matrix: Water

Analysis Batch: 737801

Client Sample ID: Pre-Carbon

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Methyl tert-butyl ether	ND		1000	991		ug/L		99	77 - 120	1	37
Methylcyclohexane	ND		1000	1140		ug/L		114	68 - 134	2	20
Methylene Chloride	ND		1000	1150		ug/L		115	75 - 124	1	15
m,p-Xylene	58	J	1000	1140		ug/L		109	76 - 122	4	16
Naphthalene	57		1000	1170		ug/L		111	66 - 125	3	20
n-Butylbenzene	ND		1000	1160		ug/L		116	71 - 128	3	15
N-Propylbenzene	ND		1000	1140		ug/L		114	75 - 127	2	15
o-Xylene	39	J	1000	1120		ug/L		108	76 - 122	3	16
sec-Butylbenzene	ND		1000	1180		ug/L		118	74 - 127	3	15
Tetrachloroethene	ND		1000	1140		ug/L		114	74 - 122	5	20
Toluene	180		1000	1190		ug/L		101	80 - 122	1	15
trans-1,2-Dichloroethene	ND		1000	1110		ug/L		111	73 - 127	2	20
trans-1,3-Dichloropropene	ND		1000	1080		ug/L		108	80 - 120	0	15
Trichloroethene	ND		1000	1110		ug/L		111	74 - 123	3	16
Trichlorofluoromethane	ND		1000	1040		ug/L		104	62 - 150	2	20
Vinyl chloride	ND		1000	1000		ug/L		100	65 - 133	4	15
cis-1,3-Dichloropropene	ND		1000	1090		ug/L		109	74 - 124	1	15
Styrene	ND		1000	1100		ug/L		110	80 - 120	1	20
tert-Butylbenzene	ND		1000	1180		ug/L		118	75 - 123	0	15

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

GC/MS VOA

Analysis Batch: 737740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226965-1	Post Carbon 2	Total/NA	Water	8260C	
480-226965-2	Pre-Carbon	Total/NA	Water	8260C	
MB 480-737740/9	Method Blank	Total/NA	Water	8260C	
LCS 480-737740/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 737801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226965-2 - DL	Pre-Carbon	Total/NA	Water	8260C	
480-226965-3	Outside Sump	Total/NA	Water	8260C	
MB 480-737801/8	Method Blank	Total/NA	Water	8260C	
LCS 480-737801/6	Lab Control Sample	Total/NA	Water	8260C	
480-226965-2 MS	Pre-Carbon	Total/NA	Water	8260C	
480-226965-2 MSD	Pre-Carbon	Total/NA	Water	8260C	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Client Sample ID: Post Carbon 2

Date Collected: 01/23/25 12:30

Date Received: 01/23/25 13:27

Lab Sample ID: 480-226965-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	737740	AXK	EET BUF	01/23/25 15:40

Client Sample ID: Pre-Carbon

Date Collected: 01/23/25 12:40

Date Received: 01/23/25 13:27

Lab Sample ID: 480-226965-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C	DL	40	737801	ZN	EET BUF	01/24/25 12:20
Total/NA	Analysis	8260C		4	737740	AXK	EET BUF	01/23/25 16:05

Client Sample ID: Outside Sump

Date Collected: 01/23/25 12:50

Date Received: 01/23/25 13:27

Lab Sample ID: 480-226965-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		50	737801	ZN	EET BUF	01/24/25 12:42

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

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Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-226965-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-226965-1	Post Carbon 2	Water	01/23/25 12:30	01/23/25 13:27
480-226965-2	Pre-Carbon	Water	01/23/25 12:40	01/23/25 13:27
480-226965-3	Outside Sump	Water	01/23/25 12:50	01/23/25 13:27

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CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION		PROJECT INFORMATION					BILLING INFORMATION				REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY						
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226		Project Name: NYSDEC Tonawanda ENiagaraSt126					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable																				
Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com		Project Address: 126 East Niagara Street, Tonawanda, NY					Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																				
Phone #: 800-287-7857 fax 866-902-2187		Project PSID #: 1056513																									
Sampler(s) Name: Jessica Paterson		Sampler(s) Name:					number of preserved bottles																				
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	8260 (TCL + CP51)										
	Post Carbon 2		01/23/25	1230	JP	WG	3	3									X										
	Pre-Carbon		01/23	1240	JP	WG	3	3									X										
	Outside Sump		01/23	1250	JP	WG	3	3									X										

Turnaround Time (Business Days)

Lab PM Approval / Date

Laboratory Information

- Standard 14 days
- 1 day RUSH
- Other _____ days

_____/_____/_____
 _____/_____/_____
 _____/_____/_____

Lab: Eurofins
 Address: 10 Hazelwood Dr. Amherst, NY 14228
 Phone: 716-691-2600
 Lab PM: John Beninati
 Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

- Commercial 'A' (Level 1) = Results Only
- Commercial 'B' (Level 2) = Results + QC Summary
- FULLT1 (Level 3 & 4)
- NJ Reduced = Results + QC Summary + Partial Raw Data
- Commercial 'C'
- NJ Data of Known Quality Protocol Reporting
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format NYSDEC EQuis
- Other _____

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: 1 J Paterson	Date / Time: 1 1/23/25 1327	Received By: 1 Guy TAB 1-23-25 1327
Relinquished By: 2	Date / Time: 2	Received By: 2
Relinquished By: 3	Date / Time: 3	Received By: 3
Custody Seal Number:	<input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	<input type="checkbox"/> Preserved where applicable <input type="checkbox"/> On Ice Cooler Temp 2.5 ICE IRH SC



480-226965 Chain of Custody



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-226965-1

Login Number: 226965

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 2/28/2025 8:16:05 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-227475-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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2/28/2025 8:16:05 AM

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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	21
Lab Chronicle	22
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-227475-1

Job ID: 480-227475-1

Eurofins Buffalo

Job Narrative 480-227475-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/21/2025 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: : PRE-CARBON (480-227475-2) and OUTSIDE SUMP (480-227475-3). Elevated reporting limits (RLs) are provided.

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-739537. The following samples were affected : POST CARBON 2 (480-227475-1) and OUTSIDE SUMP (480-227475-3).

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

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-227475-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.42	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chloroform	0.87	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-227475-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	640		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	31		10	7.4	ug/L	10		8260C	Total/NA
m,p-Xylene	25		20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	46		10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	19		10	7.6	ug/L	10		8260C	Total/NA
Toluene	65		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	44		20	6.6	ug/L	10		8260C	Total/NA

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-227475-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2300		50	21	ug/L	50		8260C	Total/NA
Ethylbenzene	140		50	37	ug/L	50		8260C	Total/NA
m,p-Xylene	57	J	100	33	ug/L	50		8260C	Total/NA
Naphthalene	270		50	22	ug/L	50		8260C	Total/NA
Toluene	190		50	26	ug/L	50		8260C	Total/NA
Xylenes, Total	57	J	100	33	ug/L	50		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-227475-1

Date Collected: 02/21/25 12:55

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/25 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/25 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/25/25 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/25 16:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/25 16:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/25 16:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/25/25 16:46	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			02/25/25 16:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/25/25 16:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/25/25 16:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/25 16:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/25 16:46	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			02/25/25 16:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/25/25 16:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/25/25 16:46	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			02/25/25 16:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/25 16:46	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			02/25/25 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/25 16:46	1
Acetone	ND		10	3.0	ug/L			02/25/25 16:46	1
Benzene	0.42	J	1.0	0.41	ug/L			02/25/25 16:46	1
Bromoform	ND		1.0	0.26	ug/L			02/25/25 16:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/25 16:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/25 16:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/25 16:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/25 16:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/25 16:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/25 16:46	1
Chloroform	0.87	J	1.0	0.34	ug/L			02/25/25 16:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/25 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/25 16:46	1
Cyclohexane	ND		1.0	0.18	ug/L			02/25/25 16:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/25 16:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/25 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/25 16:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/25/25 16:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/25/25 16:46	1
Methyl acetate	ND		2.5	1.3	ug/L			02/25/25 16:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/25/25 16:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/25/25 16:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/25 16:46	1
m,p-Xylene	ND		2.0	0.66	ug/L			02/25/25 16:46	1
Naphthalene	ND		1.0	0.43	ug/L			02/25/25 16:46	1
n-Butylbenzene	ND		1.0	0.64	ug/L			02/25/25 16:46	1
N-Propylbenzene	ND		1.0	0.69	ug/L			02/25/25 16:46	1
o-Xylene	ND		1.0	0.76	ug/L			02/25/25 16:46	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			02/25/25 16:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/25 16:46	1
Toluene	ND		1.0	0.51	ug/L			02/25/25 16:46	1

Eurolins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-227475-1

Date Collected: 02/21/25 12:55

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/25 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/25 16:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/25 16:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/25/25 16:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/25 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/25 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/25 16:46	1
Styrene	ND		1.0	0.73	ug/L			02/25/25 16:46	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			02/25/25 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					02/25/25 16:46	1
4-Bromofluorobenzene (Surr)	105		73 - 120					02/25/25 16:46	1
Toluene-d8 (Surr)	103		80 - 120					02/25/25 16:46	1
Dibromofluoromethane (Surr)	102		75 - 123					02/25/25 16:46	1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-227475-2

Date Collected: 02/21/25 13:00

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			02/26/25 15:46	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/26/25 15:46	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			02/26/25 15:46	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/26/25 15:46	10
1,1-Dichloroethane	ND		10	3.8	ug/L			02/26/25 15:46	10
1,1-Dichloroethene	ND		10	2.9	ug/L			02/26/25 15:46	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			02/26/25 15:46	10
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			02/26/25 15:46	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			02/26/25 15:46	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			02/26/25 15:46	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/26/25 15:46	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/26/25 15:46	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			02/26/25 15:46	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			02/26/25 15:46	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			02/26/25 15:46	10
2-Butanone (MEK)	ND		100	13	ug/L			02/26/25 15:46	10
2-Hexanone	ND		50	12	ug/L			02/26/25 15:46	10
4-Isopropyltoluene	ND		10	3.1	ug/L			02/26/25 15:46	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/26/25 15:46	10
Acetone	ND		100	30	ug/L			02/26/25 15:46	10
Benzene	640		10	4.1	ug/L			02/26/25 15:46	10
Bromoform	ND		10	2.6	ug/L			02/26/25 15:46	10
Bromomethane	ND		10	6.9	ug/L			02/26/25 15:46	10
Carbon disulfide	ND		10	1.9	ug/L			02/26/25 15:46	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/26/25 15:46	10
Chlorobenzene	ND		10	7.5	ug/L			02/26/25 15:46	10
Dibromochloromethane	ND		10	3.2	ug/L			02/26/25 15:46	10
Chloroethane	ND		10	3.2	ug/L			02/26/25 15:46	10

Euromins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-227475-2

Date Collected: 02/21/25 13:00

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	3.4	ug/L			02/26/25 15:46	10
Chloromethane	ND		10	3.5	ug/L			02/26/25 15:46	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			02/26/25 15:46	10
Cyclohexane	ND		10	1.8	ug/L			02/26/25 15:46	10
Bromodichloromethane	ND		10	3.9	ug/L			02/26/25 15:46	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			02/26/25 15:46	10
Ethylbenzene	31		10	7.4	ug/L			02/26/25 15:46	10
1,2-Dibromoethane	ND		10	7.3	ug/L			02/26/25 15:46	10
Isopropylbenzene	ND		10	7.9	ug/L			02/26/25 15:46	10
Methyl acetate	ND		25	13	ug/L			02/26/25 15:46	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			02/26/25 15:46	10
Methylcyclohexane	ND		10	1.6	ug/L			02/26/25 15:46	10
Methylene Chloride	ND		10	4.4	ug/L			02/26/25 15:46	10
m,p-Xylene	25		20	6.6	ug/L			02/26/25 15:46	10
Naphthalene	46		10	4.3	ug/L			02/26/25 15:46	10
n-Butylbenzene	ND		10	6.4	ug/L			02/26/25 15:46	10
N-Propylbenzene	ND		10	6.9	ug/L			02/26/25 15:46	10
o-Xylene	19		10	7.6	ug/L			02/26/25 15:46	10
sec-Butylbenzene	ND		10	7.5	ug/L			02/26/25 15:46	10
Tetrachloroethene	ND		10	3.6	ug/L			02/26/25 15:46	10
Toluene	65		10	5.1	ug/L			02/26/25 15:46	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			02/26/25 15:46	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/26/25 15:46	10
Trichloroethene	ND		10	4.6	ug/L			02/26/25 15:46	10
Trichlorofluoromethane	ND		10	8.8	ug/L			02/26/25 15:46	10
Vinyl chloride	ND		10	9.0	ug/L			02/26/25 15:46	10
Xylenes, Total	44		20	6.6	ug/L			02/26/25 15:46	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/26/25 15:46	10
Styrene	ND		10	7.3	ug/L			02/26/25 15:46	10
tert-Butylbenzene	ND		10	8.1	ug/L			02/26/25 15:46	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		02/26/25 15:46	10
4-Bromofluorobenzene (Surr)	97		73 - 120		02/26/25 15:46	10
Toluene-d8 (Surr)	99		80 - 120		02/26/25 15:46	10
Dibromofluoromethane (Surr)	107		75 - 123		02/26/25 15:46	10

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-227475-3

Date Collected: 02/21/25 13:05

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			02/25/25 17:35	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			02/25/25 17:35	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			02/25/25 17:35	50
1,1,2-Trichloroethane	ND		50	12	ug/L			02/25/25 17:35	50
1,1-Dichloroethane	ND		50	19	ug/L			02/25/25 17:35	50
1,1-Dichloroethene	ND		50	15	ug/L			02/25/25 17:35	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			02/25/25 17:35	50

Euromins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-227475-3

Date Collected: 02/21/25 13:05

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		50	38	ug/L			02/25/25 17:35	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			02/25/25 17:35	50
1,2-Dichlorobenzene	ND		50	40	ug/L			02/25/25 17:35	50
1,2-Dichloroethane	ND		50	11	ug/L			02/25/25 17:35	50
1,2-Dichloropropane	ND		50	36	ug/L			02/25/25 17:35	50
1,3,5-Trimethylbenzene	ND		50	39	ug/L			02/25/25 17:35	50
1,3-Dichlorobenzene	ND		50	39	ug/L			02/25/25 17:35	50
1,4-Dichlorobenzene	ND		50	42	ug/L			02/25/25 17:35	50
2-Butanone (MEK)	ND	*+	500	66	ug/L			02/25/25 17:35	50
2-Hexanone	ND		250	62	ug/L			02/25/25 17:35	50
4-Isopropyltoluene	ND		50	16	ug/L			02/25/25 17:35	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			02/25/25 17:35	50
Acetone	ND		500	150	ug/L			02/25/25 17:35	50
Benzene	2300		50	21	ug/L			02/25/25 17:35	50
Bromoform	ND		50	13	ug/L			02/25/25 17:35	50
Bromomethane	ND		50	35	ug/L			02/25/25 17:35	50
Carbon disulfide	ND		50	9.5	ug/L			02/25/25 17:35	50
Carbon tetrachloride	ND		50	14	ug/L			02/25/25 17:35	50
Chlorobenzene	ND		50	38	ug/L			02/25/25 17:35	50
Dibromochloromethane	ND		50	16	ug/L			02/25/25 17:35	50
Chloroethane	ND		50	16	ug/L			02/25/25 17:35	50
Chloroform	ND		50	17	ug/L			02/25/25 17:35	50
Chloromethane	ND		50	18	ug/L			02/25/25 17:35	50
cis-1,2-Dichloroethene	ND		50	41	ug/L			02/25/25 17:35	50
Cyclohexane	ND		50	9.0	ug/L			02/25/25 17:35	50
Bromodichloromethane	ND		50	20	ug/L			02/25/25 17:35	50
Dichlorodifluoromethane	ND		50	34	ug/L			02/25/25 17:35	50
Ethylbenzene	140		50	37	ug/L			02/25/25 17:35	50
1,2-Dibromoethane	ND		50	37	ug/L			02/25/25 17:35	50
Isopropylbenzene	ND		50	40	ug/L			02/25/25 17:35	50
Methyl acetate	ND		130	65	ug/L			02/25/25 17:35	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			02/25/25 17:35	50
Methylcyclohexane	ND		50	8.0	ug/L			02/25/25 17:35	50
Methylene Chloride	ND		50	22	ug/L			02/25/25 17:35	50
m,p-Xylene	57 J		100	33	ug/L			02/25/25 17:35	50
Naphthalene	270		50	22	ug/L			02/25/25 17:35	50
n-Butylbenzene	ND		50	32	ug/L			02/25/25 17:35	50
N-Propylbenzene	ND		50	35	ug/L			02/25/25 17:35	50
o-Xylene	ND		50	38	ug/L			02/25/25 17:35	50
sec-Butylbenzene	ND		50	38	ug/L			02/25/25 17:35	50
Tetrachloroethene	ND		50	18	ug/L			02/25/25 17:35	50
Toluene	190		50	26	ug/L			02/25/25 17:35	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			02/25/25 17:35	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			02/25/25 17:35	50
Trichloroethene	ND		50	23	ug/L			02/25/25 17:35	50
Trichlorofluoromethane	ND		50	44	ug/L			02/25/25 17:35	50
Vinyl chloride	ND		50	45	ug/L			02/25/25 17:35	50
Xylenes, Total	57 J		100	33	ug/L			02/25/25 17:35	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			02/25/25 17:35	50

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-227475-3

Date Collected: 02/21/25 13:05

Matrix: Water

Date Received: 02/21/25 13:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		50	37	ug/L			02/25/25 17:35	50
tert-Butylbenzene	ND		50	41	ug/L			02/25/25 17:35	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		02/25/25 17:35	50
4-Bromofluorobenzene (Surr)	103		73 - 120		02/25/25 17:35	50
Toluene-d8 (Surr)	103		80 - 120		02/25/25 17:35	50
Dibromofluoromethane (Surr)	106		75 - 123		02/25/25 17:35	50

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-227475-1	POST CARBON 2	100	105	103	102
480-227475-2	PRE-CARBON	103	97	99	107
480-227475-3	OUTSIDE SUMP	101	103	103	106
LCS 480-739537/6	Lab Control Sample	111	105	98	106
LCS 480-739657/6	Lab Control Sample	103	99	97	108
LCSD 480-739537/7	Lab Control Sample Dup	108	103	96	108
MB 480-739537/9	Method Blank	104	101	99	105
MB 480-739657/8	Method Blank	100	102	101	106

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: MB 480-739537/9
Matrix: Water
Analysis Batch: 739537

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/25 13:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/25 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/25/25 13:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/25 13:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/25 13:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/25 13:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/25/25 13:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			02/25/25 13:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/25/25 13:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/25/25 13:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/25 13:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/25 13:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			02/25/25 13:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/25/25 13:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/25/25 13:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/25 13:17	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/25 13:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			02/25/25 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/25 13:17	1
Acetone	ND		10	3.0	ug/L			02/25/25 13:17	1
Benzene	ND		1.0	0.41	ug/L			02/25/25 13:17	1
Bromoform	ND		1.0	0.26	ug/L			02/25/25 13:17	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/25 13:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/25 13:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/25 13:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/25 13:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/25 13:17	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/25 13:17	1
Chloroform	ND		1.0	0.34	ug/L			02/25/25 13:17	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/25 13:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/25 13:17	1
Cyclohexane	ND		1.0	0.18	ug/L			02/25/25 13:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/25 13:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/25 13:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/25 13:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/25/25 13:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/25/25 13:17	1
Methyl acetate	ND		2.5	1.3	ug/L			02/25/25 13:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/25/25 13:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/25/25 13:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/25 13:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			02/25/25 13:17	1
Naphthalene	ND		1.0	0.43	ug/L			02/25/25 13:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			02/25/25 13:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			02/25/25 13:17	1
o-Xylene	ND		1.0	0.76	ug/L			02/25/25 13:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			02/25/25 13:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/25 13:17	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: MB 480-739537/9
Matrix: Water
Analysis Batch: 739537

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			02/25/25 13:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/25 13:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/25 13:17	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/25 13:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/25/25 13:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/25 13:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/25 13:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/25 13:17	1
Styrene	ND		1.0	0.73	ug/L			02/25/25 13:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			02/25/25 13:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		02/25/25 13:17	1
4-Bromofluorobenzene (Surr)	101		73 - 120		02/25/25 13:17	1
Toluene-d8 (Surr)	99		80 - 120		02/25/25 13:17	1
Dibromofluoromethane (Surr)	105		75 - 123		02/25/25 13:17	1

Lab Sample ID: LCS 480-739537/6
Matrix: Water
Analysis Batch: 739537

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-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.6		ug/L		83	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	21.9		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	26.5		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	26.0		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	79 - 122
1,2,4-Trimethylbenzene	25.0	23.4		ug/L		94	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	23.0		ug/L		92	56 - 134
1,2-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
1,3,5-Trimethylbenzene	25.0	23.1		ug/L		92	77 - 121
1,3-Dichlorobenzene	25.0	22.4		ug/L		90	77 - 120
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 120
2-Butanone (MEK)	125	206	*+	ug/L		165	57 - 140
2-Hexanone	125	107		ug/L		86	65 - 127
4-Isopropyltoluene	25.0	23.6		ug/L		94	73 - 120
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	112		ug/L		90	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromoform	25.0	24.2		ug/L		97	61 - 132
Bromomethane	25.0	27.7		ug/L		111	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	27.8		ug/L		111	72 - 134
Chlorobenzene	25.0	23.6		ug/L		95	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: LCS 480-739537/6
Matrix: Water
Analysis Batch: 739537

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	25.0		ug/L		100	75 - 125
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	29.0		ug/L		116	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
Cyclohexane	25.0	26.5		ug/L		106	59 - 135
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Dichlorodifluoromethane	25.0	33.1		ug/L		132	59 - 135
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	22.8		ug/L		91	77 - 120
Isopropylbenzene	25.0	23.4		ug/L		93	77 - 122
Methyl acetate	50.0	49.7		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		98	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134
Methylene Chloride	25.0	26.3		ug/L		105	75 - 124
m,p-Xylene	25.0	24.1		ug/L		96	76 - 122
Naphthalene	25.0	22.8		ug/L		91	66 - 125
n-Butylbenzene	25.0	22.8		ug/L		91	71 - 128
N-Propylbenzene	25.0	23.3		ug/L		93	75 - 127
o-Xylene	25.0	23.9		ug/L		96	76 - 122
sec-Butylbenzene	25.0	23.5		ug/L		94	74 - 127
Tetrachloroethene	25.0	25.3		ug/L		101	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	23.6		ug/L		94	80 - 120
Trichloroethene	25.0	25.4		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	29.2		ug/L		117	62 - 150
Vinyl chloride	25.0	27.9		ug/L		112	65 - 133
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124
Styrene	25.0	23.9		ug/L		96	80 - 120
tert-Butylbenzene	25.0	23.9		ug/L		96	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Lab Sample ID: LCSD 480-739537/7
Matrix: Water
Analysis Batch: 739537

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-Trichloroethane	25.0	27.5		ug/L		110	73 - 126	4	15
1,1,1,2-Tetrachloroethane	25.0	21.4		ug/L		86	76 - 120	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	61 - 148	0	20
1,1,2-Trichloroethane	25.0	22.3		ug/L		89	76 - 122	2	15
1,1-Dichloroethane	25.0	27.2		ug/L		109	77 - 120	3	20

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: LCSD 480-739537/7

Matrix: Water

Analysis Batch: 739537

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-Dichloroethene	25.0	26.3		ug/L		105	66 - 127	1	16
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	79 - 122	2	20
1,2,4-Trimethylbenzene	25.0	23.9		ug/L		96	76 - 121	2	20
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134	3	15
1,2-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 124	3	20
1,2-Dichloroethane	25.0	25.9		ug/L		103	75 - 120	4	20
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120	7	20
1,3,5-Trimethylbenzene	25.0	23.6		ug/L		95	77 - 121	2	20
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	77 - 120	3	20
1,4-Dichlorobenzene	25.0	23.1		ug/L		93	80 - 120	3	20
2-Butanone (MEK)	125	222	*+	ug/L		178	57 - 140	8	20
2-Hexanone	125	112		ug/L		90	65 - 127	5	15
4-Isopropyltoluene	25.0	24.0		ug/L		96	73 - 120	2	20
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		90	71 - 125	2	35
Acetone	125	122		ug/L		97	56 - 142	8	15
Benzene	25.0	25.2		ug/L		101	71 - 124	5	13
Bromoform	25.0	25.3		ug/L		101	61 - 132	5	15
Bromomethane	25.0	28.0		ug/L		112	55 - 144	1	15
Carbon disulfide	25.0	25.8		ug/L		103	59 - 134	1	15
Carbon tetrachloride	25.0	27.9		ug/L		112	72 - 134	0	15
Chlorobenzene	25.0	23.9		ug/L		95	80 - 120	1	25
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125	2	15
Chloroethane	25.0	24.7		ug/L		99	69 - 136	1	15
Chloroform	25.0	24.6		ug/L		99	73 - 127	4	20
Chloromethane	25.0	29.7		ug/L		119	68 - 124	3	15
cis-1,2-Dichloroethene	25.0	26.4		ug/L		105	74 - 124	3	15
Cyclohexane	25.0	27.2		ug/L		109	59 - 135	3	20
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122	5	15
Dichlorodifluoromethane	25.0	33.3		ug/L		133	59 - 135	1	20
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123	1	15
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120	2	15
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122	3	20
Methyl acetate	50.0	58.0		ug/L		116	74 - 133	15	20
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120	2	37
Methylcyclohexane	25.0	25.0		ug/L		100	68 - 134	1	20
Methylene Chloride	25.0	27.0		ug/L		108	75 - 124	2	15
m,p-Xylene	25.0	24.9		ug/L		100	76 - 122	3	16
Naphthalene	25.0	23.4		ug/L		94	66 - 125	3	20
n-Butylbenzene	25.0	23.4		ug/L		94	71 - 128	2	15
N-Propylbenzene	25.0	24.0		ug/L		96	75 - 127	3	15
o-Xylene	25.0	24.5		ug/L		98	76 - 122	2	16
sec-Butylbenzene	25.0	23.8		ug/L		95	74 - 127	1	15
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122	3	20
Toluene	25.0	23.7		ug/L		95	80 - 122	2	15
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127	5	20
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120	1	15
Trichloroethene	25.0	26.3		ug/L		105	74 - 123	4	16
Trichlorofluoromethane	25.0	30.0		ug/L		120	62 - 150	3	20
Vinyl chloride	25.0	27.9		ug/L		111	65 - 133	0	15

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: LCSD 480-739537/7
Matrix: Water
Analysis Batch: 739537

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
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124	3	15
Styrene	25.0	24.4		ug/L		97	80 - 120	2	20
tert-Butylbenzene	25.0	24.8		ug/L		99	75 - 123	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

Lab Sample ID: MB 480-739657/8
Matrix: Water
Analysis Batch: 739657

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-Trichloroethane	ND		1.0	0.82	ug/L			02/26/25 14:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/26/25 14:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/26/25 14:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/26/25 14:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/26/25 14:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/26/25 14:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/26/25 14:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			02/26/25 14:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/26/25 14:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/26/25 14:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/26/25 14:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/26/25 14:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			02/26/25 14:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/26/25 14:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/26/25 14:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/26/25 14:07	1
2-Hexanone	ND		5.0	1.2	ug/L			02/26/25 14:07	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			02/26/25 14:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/26/25 14:07	1
Acetone	ND		10	3.0	ug/L			02/26/25 14:07	1
Benzene	ND		1.0	0.41	ug/L			02/26/25 14:07	1
Bromoform	ND		1.0	0.26	ug/L			02/26/25 14:07	1
Bromomethane	ND		1.0	0.69	ug/L			02/26/25 14:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/26/25 14:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/26/25 14:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/26/25 14:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/26/25 14:07	1
Chloroethane	ND		1.0	0.32	ug/L			02/26/25 14:07	1
Chloroform	ND		1.0	0.34	ug/L			02/26/25 14:07	1
Chloromethane	ND		1.0	0.35	ug/L			02/26/25 14:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/26/25 14:07	1
Cyclohexane	ND		1.0	0.18	ug/L			02/26/25 14:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/26/25 14:07	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: MB 480-739657/8
Matrix: Water
Analysis Batch: 739657

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/26/25 14:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/26/25 14:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/26/25 14:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/26/25 14:07	1
Methyl acetate	ND		2.5	1.3	ug/L			02/26/25 14:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/26/25 14:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/26/25 14:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/26/25 14:07	1
m,p-Xylene	ND		2.0	0.66	ug/L			02/26/25 14:07	1
Naphthalene	ND		1.0	0.43	ug/L			02/26/25 14:07	1
n-Butylbenzene	ND		1.0	0.64	ug/L			02/26/25 14:07	1
N-Propylbenzene	ND		1.0	0.69	ug/L			02/26/25 14:07	1
o-Xylene	ND		1.0	0.76	ug/L			02/26/25 14:07	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			02/26/25 14:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/26/25 14:07	1
Toluene	ND		1.0	0.51	ug/L			02/26/25 14:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/26/25 14:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/26/25 14:07	1
Trichloroethene	ND		1.0	0.46	ug/L			02/26/25 14:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/26/25 14:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/26/25 14:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/26/25 14:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/26/25 14:07	1
Styrene	ND		1.0	0.73	ug/L			02/26/25 14:07	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			02/26/25 14:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		02/26/25 14:07	1
4-Bromofluorobenzene (Surr)	102		73 - 120		02/26/25 14:07	1
Toluene-d8 (Surr)	101		80 - 120		02/26/25 14:07	1
Dibromofluoromethane (Surr)	106		75 - 123		02/26/25 14:07	1

Lab Sample ID: LCS 480-739657/6
Matrix: Water
Analysis Batch: 739657

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-Trichloroethane	25.0	26.9		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.0		ug/L		88	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.9		ug/L		100	61 - 148
1,1,2-Trichloroethane	25.0	22.0		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	25.0		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		96	79 - 122
1,2,4-Trimethylbenzene	25.0	24.3		ug/L		97	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	56 - 134
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: LCS 480-739657/6

Matrix: Water

Analysis Batch: 739657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3,5-Trimethylbenzene	25.0	24.4		ug/L		98	77 - 121
1,3-Dichlorobenzene	25.0	23.4		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	125	122		ug/L		98	57 - 140
2-Hexanone	125	112		ug/L		89	65 - 127
4-Isopropyltoluene	25.0	24.4		ug/L		98	73 - 120
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromoform	25.0	23.2		ug/L		93	61 - 132
Bromomethane	25.0	25.6		ug/L		102	55 - 144
Carbon disulfide	25.0	25.0		ug/L		100	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Dibromochloromethane	25.0	23.7		ug/L		95	75 - 125
Chloroethane	25.0	23.3		ug/L		93	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	28.5		ug/L		114	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	27.7		ug/L		111	59 - 135
Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122
Dichlorodifluoromethane	25.0	31.7		ug/L		127	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	22.6		ug/L		91	77 - 120
Isopropylbenzene	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	50.0	49.5		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	24.1		ug/L		96	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	25.6		ug/L		103	75 - 124
m,p-Xylene	25.0	23.8		ug/L		95	76 - 122
Naphthalene	25.0	22.5		ug/L		90	66 - 125
n-Butylbenzene	25.0	24.1		ug/L		96	71 - 128
N-Propylbenzene	25.0	24.6		ug/L		99	75 - 127
o-Xylene	25.0	23.8		ug/L		95	76 - 122
sec-Butylbenzene	25.0	24.5		ug/L		98	74 - 127
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	80 - 120
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	27.3		ug/L		109	62 - 150
Vinyl chloride	25.0	26.8		ug/L		107	65 - 133
cis-1,3-Dichloropropene	25.0	24.9		ug/L		99	74 - 124
Styrene	25.0	23.7		ug/L		95	80 - 120
tert-Butylbenzene	25.0	24.4		ug/L		98	75 - 123

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

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

Lab Sample ID: LCS 480-739657/6

Matrix: Water

Analysis Batch: 739657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

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QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

GC/MS VOA

Analysis Batch: 739537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227475-1	POST CARBON 2	Total/NA	Water	8260C	
480-227475-3	OUTSIDE SUMP	Total/NA	Water	8260C	
MB 480-739537/9	Method Blank	Total/NA	Water	8260C	
LCS 480-739537/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-739537/7	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 739657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227475-2	PRE-CARBON	Total/NA	Water	8260C	
MB 480-739657/8	Method Blank	Total/NA	Water	8260C	
LCS 480-739657/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-227475-1

Date Collected: 02/21/25 12:55

Matrix: Water

Date Received: 02/21/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	739537	ERS	EET BUF	02/25/25 16:46

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-227475-2

Date Collected: 02/21/25 13:00

Matrix: Water

Date Received: 02/21/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	739657	ZN	EET BUF	02/26/25 15:46

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-227475-3

Date Collected: 02/21/25 13:05

Matrix: Water

Date Received: 02/21/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		50	739537	ERS	EET BUF	02/25/25 17:35

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
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- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

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Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-227475-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-227475-1	POST CARBON 2	Water	02/21/25 12:55	02/21/25 13:40
480-227475-2	PRE-CARBON	Water	02/21/25 13:00	02/21/25 13:40
480-227475-3	OUTSIDE SUMP	Water	02/21/25 13:05	02/21/25 13:40

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CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION		PROJECT INFORMATION				BILLING INFORMATION				REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY							
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com		Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056517				Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																					
Sampler(s) Name: <i>Jessica Paterson</i>		Sampler(s) Name:				number of preserved bottles				8260 (TCL + CP51)																	
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber											
	Post Carbon 2		<i>2/21/25</i>	<i>1255</i>	<i>JP</i>	WG	3	3									X										
	Pre-Carbon		↓	<i>1300</i>	<i>JP</i>	WG	3	3									X										
	Outside Sump		↓	<i>1305</i>	<i>JP</i>	WG	3	3									X										



Page 26 of 27

Turnaround Time (Business Days)

- Standard 14 days
- 1 day RUSH**
- Other _____ days

Lab PM Approval / Date

_____/_____/_____
_____/_____/_____

Laboratory Information

Lab: Eurofins
Address: 10 Hazelwood Dr. Amherst, NY 14228
Phone: 716-691-2600
Lab PM: John Beninati
Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

- Commercial 'A' (Level 1) = Results Only
- Commercial 'B' (Level 2) = Results + QC Summary
- FULLT1 (Level 3 & 4)
- NJ Reduced = Results + QC Summary + Partial Raw Data
- Commercial 'C'
- NJ Data of Known Quality Protocol Reporting
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format NYSDEC Equis
- Other _____

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: <i>J. Paterson</i>	Date / Time: <i>2/21/25 1340</i>	Received By: <i>JP</i>
Relinquished By: <i>2</i>	Date / Time: <i>2/21/25 1340</i>	Received By: <i>JP</i>
Relinquished By: <i>3</i>	Date / Time: <i>2/21/25 1340</i>	Received By: <i>JP</i>

Intact Preserved where applicable
 Not Intact On Ice Cooler Temp _____

3.6 100 RASH

2/28/2025



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-227475-1

Login Number: 227475

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 3/27/2025 8:34:22 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-228051-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
3/27/2025 8:34:22 AM

Authorized for release by
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Designee for
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

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

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-228051-1

Job ID: 480-228051-1

Eurofins Buffalo

Job Narrative 480-228051-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/20/2025 11:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-741561 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK) and Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The following associated samples are impacted: Post Carbon 2 (480-228051-1) and Pre-Carbon (480-228051-2)

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-741661 recovered above the upper control limit for Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Outside Sump (480-228051-3).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-741661 recovered outside control limits for the following analytes: Dichlorodifluoromethane and Tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: Outside Sump (480-228051-3).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Pre-Carbon (480-228051-2) and Outside Sump (480-228051-3). Elevated reporting limits (RLs) are provided.

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

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-228051-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.8		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-228051-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	4.8		1.0	0.34	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L	1		8260C	Total/NA
Bromodichloromethane	1.4		1.0	0.39	ug/L	1		8260C	Total/NA
Ethylbenzene	87		1.0	0.74	ug/L	1		8260C	Total/NA
Isopropylbenzene	1.3		1.0	0.79	ug/L	1		8260C	Total/NA
m,p-Xylene	21		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	20		1.0	0.76	ug/L	1		8260C	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260C	Total/NA
Xylenes, Total	41		2.0	0.66	ug/L	1		8260C	Total/NA
Benzene - DL	1600		25	10	ug/L	25		8260C	Total/NA
Naphthalene - DL	130		25	11	ug/L	25		8260C	Total/NA
Toluene - DL	170		25	13	ug/L	25		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-228051-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2100		25	10	ug/L	25		8260C	Total/NA
Ethylbenzene	130		25	19	ug/L	25		8260C	Total/NA
m,p-Xylene	53		50	17	ug/L	25		8260C	Total/NA
Naphthalene	220		25	11	ug/L	25		8260C	Total/NA
o-Xylene	30		25	19	ug/L	25		8260C	Total/NA
Toluene	230		25	13	ug/L	25		8260C	Total/NA
Xylenes, Total	83		50	17	ug/L	25		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-228051-1

Date Collected: 03/20/25 09:10

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/24/25 19:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/25 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/25 19:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/25 19:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/25 19:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/25 19:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/25 19:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/24/25 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/25 19:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/25 19:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/25 19:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/25 19:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/24/25 19:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/25 19:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/25 19:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/25 19:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/25 19:06	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/24/25 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/25 19:06	1
Acetone	ND		10	3.0	ug/L			03/24/25 19:06	1
Benzene	ND		1.0	0.41	ug/L			03/24/25 19:06	1
Bromoform	ND		1.0	0.26	ug/L			03/24/25 19:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/25 19:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/25 19:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/25 19:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/25 19:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/25 19:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/25 19:06	1
Chloroform	1.8		1.0	0.34	ug/L			03/24/25 19:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/25 19:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/25 19:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/25 19:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/25 19:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/25 19:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/25 19:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/25 19:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/25 19:06	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/25 19:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/25 19:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/25 19:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/25 19:06	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/24/25 19:06	1
Naphthalene	ND		1.0	0.43	ug/L			03/24/25 19:06	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/24/25 19:06	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/24/25 19:06	1
o-Xylene	ND		1.0	0.76	ug/L			03/24/25 19:06	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/24/25 19:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/25 19:06	1
Toluene	ND		1.0	0.51	ug/L			03/24/25 19:06	1

Euofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-228051-1

Date Collected: 03/20/25 09:10

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/25 19:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/25 19:06	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/25 19:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/25 19:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/25 19:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/25 19:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/25 19:06	1
Styrene	ND		1.0	0.73	ug/L			03/24/25 19:06	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/24/25 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					03/24/25 19:06	1
4-Bromofluorobenzene (Surr)	100		73 - 120					03/24/25 19:06	1
Toluene-d8 (Surr)	100		80 - 120					03/24/25 19:06	1
Dibromofluoromethane (Surr)	105		75 - 123					03/24/25 19:06	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-228051-2

Date Collected: 03/20/25 09:05

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/24/25 19:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/25 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/25 19:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/25 19:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/25 19:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/25 19:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/25 19:28	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/24/25 19:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/25 19:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/25 19:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/25 19:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/25 19:28	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/24/25 19:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/25 19:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/25 19:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/25 19:28	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/25 19:28	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/24/25 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/25 19:28	1
Acetone	ND		10	3.0	ug/L			03/24/25 19:28	1
Bromoform	ND		1.0	0.26	ug/L			03/24/25 19:28	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/25 19:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/25 19:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/25 19:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/25 19:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/25 19:28	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/25 19:28	1
Chloroform	4.8		1.0	0.34	ug/L			03/24/25 19:28	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-228051-2

Date Collected: 03/20/25 09:05

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			03/24/25 19:28	1
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L			03/24/25 19:28	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/25 19:28	1
Bromodichloromethane	1.4		1.0	0.39	ug/L			03/24/25 19:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/25 19:28	1
Ethylbenzene	87		1.0	0.74	ug/L			03/24/25 19:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/25 19:28	1
Isopropylbenzene	1.3		1.0	0.79	ug/L			03/24/25 19:28	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/25 19:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/25 19:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/25 19:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/25 19:28	1
m,p-Xylene	21		2.0	0.66	ug/L			03/24/25 19:28	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/24/25 19:28	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/24/25 19:28	1
o-Xylene	20		1.0	0.76	ug/L			03/24/25 19:28	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/24/25 19:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/25 19:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/25 19:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/25 19:28	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/25 19:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/25 19:28	1
Vinyl chloride	1.3		1.0	0.90	ug/L			03/24/25 19:28	1
Xylenes, Total	41		2.0	0.66	ug/L			03/24/25 19:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/25 19:28	1
Styrene	ND		1.0	0.73	ug/L			03/24/25 19:28	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/24/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		03/24/25 19:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120		03/24/25 19:28	1
Toluene-d8 (Surr)	100		80 - 120		03/24/25 19:28	1
Dibromofluoromethane (Surr)	99		75 - 123		03/24/25 19:28	1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1600		25	10	ug/L			03/25/25 15:51	25
Naphthalene	130		25	11	ug/L			03/25/25 15:51	25
Toluene	170		25	13	ug/L			03/25/25 15:51	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		03/25/25 15:51	25
4-Bromofluorobenzene (Surr)	110		73 - 120		03/25/25 15:51	25
Toluene-d8 (Surr)	97		80 - 120		03/25/25 15:51	25
Dibromofluoromethane (Surr)	104		75 - 123		03/25/25 15:51	25

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-228051-3

Date Collected: 03/20/25 09:00

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			03/25/25 16:14	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			03/25/25 16:14	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			03/25/25 16:14	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			03/25/25 16:14	25
1,1-Dichloroethane	ND		25	9.5	ug/L			03/25/25 16:14	25
1,1-Dichloroethene	ND		25	7.3	ug/L			03/25/25 16:14	25
1,2,4-Trichlorobenzene	ND		25	10	ug/L			03/25/25 16:14	25
1,2,4-Trimethylbenzene	ND		25	19	ug/L			03/25/25 16:14	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			03/25/25 16:14	25
1,2-Dichlorobenzene	ND		25	20	ug/L			03/25/25 16:14	25
1,2-Dichloroethane	ND		25	5.3	ug/L			03/25/25 16:14	25
1,2-Dichloropropane	ND		25	18	ug/L			03/25/25 16:14	25
1,3,5-Trimethylbenzene	ND		25	19	ug/L			03/25/25 16:14	25
1,3-Dichlorobenzene	ND		25	20	ug/L			03/25/25 16:14	25
1,4-Dichlorobenzene	ND		25	21	ug/L			03/25/25 16:14	25
2-Butanone (MEK)	ND		250	33	ug/L			03/25/25 16:14	25
2-Hexanone	ND		130	31	ug/L			03/25/25 16:14	25
4-Isopropyltoluene	ND		25	7.8	ug/L			03/25/25 16:14	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			03/25/25 16:14	25
Acetone	ND		250	75	ug/L			03/25/25 16:14	25
Benzene	2100		25	10	ug/L			03/25/25 16:14	25
Bromoform	ND		25	6.5	ug/L			03/25/25 16:14	25
Bromomethane	ND		25	17	ug/L			03/25/25 16:14	25
Carbon disulfide	ND		25	4.8	ug/L			03/25/25 16:14	25
Carbon tetrachloride	ND		25	6.8	ug/L			03/25/25 16:14	25
Chlorobenzene	ND		25	19	ug/L			03/25/25 16:14	25
Dibromochloromethane	ND		25	8.0	ug/L			03/25/25 16:14	25
Chloroethane	ND		25	8.0	ug/L			03/25/25 16:14	25
Chloroform	ND		25	8.5	ug/L			03/25/25 16:14	25
Chloromethane	ND		25	8.8	ug/L			03/25/25 16:14	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			03/25/25 16:14	25
Cyclohexane	ND		25	4.5	ug/L			03/25/25 16:14	25
Bromodichloromethane	ND		25	9.8	ug/L			03/25/25 16:14	25
Dichlorodifluoromethane	ND	*+	25	17	ug/L			03/25/25 16:14	25
Ethylbenzene	130		25	19	ug/L			03/25/25 16:14	25
1,2-Dibromoethane	ND		25	18	ug/L			03/25/25 16:14	25
Isopropylbenzene	ND		25	20	ug/L			03/25/25 16:14	25
Methyl acetate	ND		63	33	ug/L			03/25/25 16:14	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			03/25/25 16:14	25
Methylcyclohexane	ND		25	4.0	ug/L			03/25/25 16:14	25
Methylene Chloride	ND		25	11	ug/L			03/25/25 16:14	25
m,p-Xylene	53		50	17	ug/L			03/25/25 16:14	25
Naphthalene	220		25	11	ug/L			03/25/25 16:14	25
n-Butylbenzene	ND		25	16	ug/L			03/25/25 16:14	25
N-Propylbenzene	ND		25	17	ug/L			03/25/25 16:14	25
o-Xylene	30		25	19	ug/L			03/25/25 16:14	25
sec-Butylbenzene	ND		25	19	ug/L			03/25/25 16:14	25
Tetrachloroethene	ND	*+	25	9.0	ug/L			03/25/25 16:14	25
Toluene	230		25	13	ug/L			03/25/25 16:14	25

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-228051-3

Date Collected: 03/20/25 09:00

Matrix: Water

Date Received: 03/20/25 11:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		25	23	ug/L			03/25/25 16:14	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			03/25/25 16:14	25
Trichloroethene	ND		25	12	ug/L			03/25/25 16:14	25
Trichlorofluoromethane	ND		25	22	ug/L			03/25/25 16:14	25
Vinyl chloride	ND		25	23	ug/L			03/25/25 16:14	25
Xylenes, Total	83		50	17	ug/L			03/25/25 16:14	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			03/25/25 16:14	25
Styrene	ND		25	18	ug/L			03/25/25 16:14	25
tert-Butylbenzene	ND		25	20	ug/L			03/25/25 16:14	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		03/25/25 16:14	25
4-Bromofluorobenzene (Surr)	109		73 - 120		03/25/25 16:14	25
Toluene-d8 (Surr)	98		80 - 120		03/25/25 16:14	25
Dibromofluoromethane (Surr)	105		75 - 123		03/25/25 16:14	25

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-228051-1	Post Carbon 2	103	100	100	105
480-228051-2	Pre-Carbon	102	97	100	99
480-228051-2 - DL	Pre-Carbon	96	110	97	104
480-228051-3	Outside Sump	98	109	98	105
LCS 480-741561/6	Lab Control Sample	97	101	95	95
LCS 480-741661/6	Lab Control Sample	98	115	100	106
MB 480-741561/8	Method Blank	102	96	99	105
MB 480-741661/8	Method Blank	99	110	99	104

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: MB 480-741561/8
Matrix: Water
Analysis Batch: 741561

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/24/25 13:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/24/25 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/24/25 13:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/24/25 13:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/24/25 13:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/24/25 13:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/24/25 13:59	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/24/25 13:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/24/25 13:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/24/25 13:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/24/25 13:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/24/25 13:59	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/24/25 13:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/24/25 13:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/24/25 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/24/25 13:59	1
2-Hexanone	ND		5.0	1.2	ug/L			03/24/25 13:59	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/24/25 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/24/25 13:59	1
Acetone	ND		10	3.0	ug/L			03/24/25 13:59	1
Benzene	ND		1.0	0.41	ug/L			03/24/25 13:59	1
Bromoform	ND		1.0	0.26	ug/L			03/24/25 13:59	1
Bromomethane	ND		1.0	0.69	ug/L			03/24/25 13:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/24/25 13:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/24/25 13:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/24/25 13:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/24/25 13:59	1
Chloroethane	ND		1.0	0.32	ug/L			03/24/25 13:59	1
Chloroform	ND		1.0	0.34	ug/L			03/24/25 13:59	1
Chloromethane	ND		1.0	0.35	ug/L			03/24/25 13:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/24/25 13:59	1
Cyclohexane	ND		1.0	0.18	ug/L			03/24/25 13:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/24/25 13:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/24/25 13:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/24/25 13:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/24/25 13:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/24/25 13:59	1
Methyl acetate	ND		2.5	1.3	ug/L			03/24/25 13:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/24/25 13:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/24/25 13:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/24/25 13:59	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/24/25 13:59	1
Naphthalene	ND		1.0	0.43	ug/L			03/24/25 13:59	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/24/25 13:59	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/24/25 13:59	1
o-Xylene	ND		1.0	0.76	ug/L			03/24/25 13:59	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/24/25 13:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/24/25 13:59	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: MB 480-741561/8
Matrix: Water
Analysis Batch: 741561

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			03/24/25 13:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/24/25 13:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/24/25 13:59	1
Trichloroethene	ND		1.0	0.46	ug/L			03/24/25 13:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/24/25 13:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/24/25 13:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/24/25 13:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/24/25 13:59	1
Styrene	ND		1.0	0.73	ug/L			03/24/25 13:59	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/24/25 13:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		03/24/25 13:59	1
4-Bromofluorobenzene (Surr)	96		73 - 120		03/24/25 13:59	1
Toluene-d8 (Surr)	99		80 - 120		03/24/25 13:59	1
Dibromofluoromethane (Surr)	105		75 - 123		03/24/25 13:59	1

Lab Sample ID: LCS 480-741561/6
Matrix: Water
Analysis Batch: 741561

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-Trichloroethane	25.0	26.2		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	61 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	25.1		ug/L		100	79 - 122
1,2,4-Trimethylbenzene	25.0	26.5		ug/L		106	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	56 - 134
1,2-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
1,3,5-Trimethylbenzene	25.0	26.1		ug/L		104	77 - 121
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	120		ug/L		96	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Isopropyltoluene	25.0	26.5		ug/L		106	73 - 120
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	71 - 125
Acetone	125	111		ug/L		89	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromoform	25.0	27.8		ug/L		111	61 - 132
Bromomethane	25.0	21.7		ug/L		87	55 - 144
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	26.3		ug/L		105	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: LCS 480-741561/6
Matrix: Water
Analysis Batch: 741561

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	19.3		ug/L		77	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	25.4		ug/L		102	59 - 135
Bromodichloromethane	25.0	24.4		ug/L		98	80 - 122
Dichlorodifluoromethane	25.0	19.4		ug/L		77	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
1,2-Dibromoethane	25.0	26.0		ug/L		104	77 - 120
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	50.0	49.3		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	25.1		ug/L		100	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	24.9		ug/L		100	75 - 124
m,p-Xylene	25.0	25.9		ug/L		103	76 - 122
Naphthalene	25.0	24.2		ug/L		97	66 - 125
n-Butylbenzene	25.0	26.7		ug/L		107	71 - 128
N-Propylbenzene	25.0	26.6		ug/L		107	75 - 127
o-Xylene	25.0	24.9		ug/L		100	76 - 122
sec-Butylbenzene	25.0	26.5		ug/L		106	74 - 127
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	29.0		ug/L		116	80 - 120
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	23.5		ug/L		94	62 - 150
Vinyl chloride	25.0	21.3		ug/L		85	65 - 133
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Styrene	25.0	26.3		ug/L		105	80 - 120
tert-Butylbenzene	25.0	26.1		ug/L		104	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: MB 480-741661/8
Matrix: Water
Analysis Batch: 741661

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-Trichloroethane	ND		1.0	0.82	ug/L			03/25/25 14:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/25/25 14:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/25/25 14:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/25/25 14:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/25/25 14:17	1

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: MB 480-741661/8
Matrix: Water
Analysis Batch: 741661

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/25/25 14:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/25/25 14:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/25/25 14:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/25/25 14:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/25/25 14:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/25/25 14:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/25/25 14:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/25/25 14:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/25/25 14:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/25/25 14:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/25/25 14:17	1
2-Hexanone	ND		5.0	1.2	ug/L			03/25/25 14:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/25/25 14:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/25/25 14:17	1
Acetone	ND		10	3.0	ug/L			03/25/25 14:17	1
Benzene	ND		1.0	0.41	ug/L			03/25/25 14:17	1
Bromoform	ND		1.0	0.26	ug/L			03/25/25 14:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/25/25 14:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/25/25 14:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/25/25 14:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/25/25 14:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/25/25 14:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/25/25 14:17	1
Chloroform	ND		1.0	0.34	ug/L			03/25/25 14:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/25/25 14:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/25/25 14:17	1
Cyclohexane	ND		1.0	0.18	ug/L			03/25/25 14:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/25/25 14:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/25 14:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/25/25 14:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/25/25 14:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/25/25 14:17	1
Methyl acetate	ND		2.5	1.3	ug/L			03/25/25 14:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/25/25 14:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/25/25 14:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/25/25 14:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/25/25 14:17	1
Naphthalene	ND		1.0	0.43	ug/L			03/25/25 14:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/25/25 14:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/25/25 14:17	1
o-Xylene	ND		1.0	0.76	ug/L			03/25/25 14:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/25/25 14:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/25/25 14:17	1
Toluene	ND		1.0	0.51	ug/L			03/25/25 14:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/25/25 14:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/25/25 14:17	1
Trichloroethene	ND		1.0	0.46	ug/L			03/25/25 14:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/25/25 14:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/25/25 14:17	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: MB 480-741661/8
Matrix: Water
Analysis Batch: 741661

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			03/25/25 14:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/25/25 14:17	1
Styrene	ND		1.0	0.73	ug/L			03/25/25 14:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/25/25 14:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		03/25/25 14:17	1
4-Bromofluorobenzene (Surr)	110		73 - 120		03/25/25 14:17	1
Toluene-d8 (Surr)	99		80 - 120		03/25/25 14:17	1
Dibromofluoromethane (Surr)	104		75 - 123		03/25/25 14:17	1

Lab Sample ID: LCS 480-741661/6
Matrix: Water
Analysis Batch: 741661

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-Trichloroethane	25.0	28.6		ug/L		114	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.1		ug/L		88	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.6		ug/L		118	61 - 148
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	76 - 122
1,1-Dichloroethane	25.0	25.6		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	29.0		ug/L		116	66 - 127
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	79 - 122
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.8		ug/L		91	56 - 134
1,2-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3,5-Trimethylbenzene	25.0	25.6		ug/L		103	77 - 121
1,3-Dichlorobenzene	25.0	26.9		ug/L		107	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 120
2-Butanone (MEK)	125	132		ug/L		105	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Isopropyltoluene	25.0	25.7		ug/L		103	73 - 120
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	148		ug/L		118	56 - 142
Benzene	25.0	27.1		ug/L		108	71 - 124
Bromoform	25.0	28.3		ug/L		113	61 - 132
Bromomethane	25.0	30.6		ug/L		122	55 - 144
Carbon disulfide	25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	25.0	29.9		ug/L		119	72 - 134
Chlorobenzene	25.0	28.0		ug/L		112	80 - 120
Dibromochloromethane	25.0	27.4		ug/L		109	75 - 125
Chloroethane	25.0	28.5		ug/L		114	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	26.2		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	28.4		ug/L		113	74 - 124
Cyclohexane	25.0	25.1		ug/L		100	59 - 135

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

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

Lab Sample ID: LCS 480-741661/6
Matrix: Water
Analysis Batch: 741661

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	26.7		ug/L		107	80 - 122
Dichlorodifluoromethane	25.0	38.0	*+	ug/L		152	59 - 135
Ethylbenzene	25.0	28.0		ug/L		112	77 - 123
1,2-Dibromoethane	25.0	28.2		ug/L		113	77 - 120
Isopropylbenzene	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	50.0	47.0		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	25.9		ug/L		104	77 - 120
Methylcyclohexane	25.0	28.3		ug/L		113	68 - 134
Methylene Chloride	25.0	26.9		ug/L		108	75 - 124
m,p-Xylene	25.0	28.4		ug/L		113	76 - 122
Naphthalene	25.0	24.9		ug/L		99	66 - 125
n-Butylbenzene	25.0	25.5		ug/L		102	71 - 128
N-Propylbenzene	25.0	24.3		ug/L		97	75 - 127
o-Xylene	25.0	27.5		ug/L		110	76 - 122
sec-Butylbenzene	25.0	25.1		ug/L		100	74 - 127
Tetrachloroethene	25.0	31.0	*+	ug/L		124	74 - 122
Toluene	25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	29.1		ug/L		116	73 - 127
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
Trichloroethene	25.0	28.8		ug/L		115	74 - 123
Trichlorofluoromethane	25.0	31.9		ug/L		128	62 - 150
Vinyl chloride	25.0	29.1		ug/L		116	65 - 133
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	74 - 124
Styrene	25.0	27.9		ug/L		111	80 - 120
tert-Butylbenzene	25.0	26.1		ug/L		104	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	115		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	106		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

GC/MS VOA

Analysis Batch: 741561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228051-1	Post Carbon 2	Total/NA	Water	8260C	
480-228051-2	Pre-Carbon	Total/NA	Water	8260C	
MB 480-741561/8	Method Blank	Total/NA	Water	8260C	
LCS 480-741561/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 741661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228051-2 - DL	Pre-Carbon	Total/NA	Water	8260C	
480-228051-3	Outside Sump	Total/NA	Water	8260C	
MB 480-741661/8	Method Blank	Total/NA	Water	8260C	
LCS 480-741661/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Client Sample ID: Post Carbon 2

Date Collected: 03/20/25 09:10

Date Received: 03/20/25 11:37

Lab Sample ID: 480-228051-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741561	AXK	EET BUF	03/24/25 19:06

Client Sample ID: Pre-Carbon

Date Collected: 03/20/25 09:05

Date Received: 03/20/25 11:37

Lab Sample ID: 480-228051-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C	DL	25	741661	LCH	EET BUF	03/25/25 15:51
Total/NA	Analysis	8260C		1	741561	AXK	EET BUF	03/24/25 19:28

Client Sample ID: Outside Sump

Date Collected: 03/20/25 09:00

Date Received: 03/20/25 11:37

Lab Sample ID: 480-228051-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		25	741661	LCH	EET BUF	03/25/25 16:14

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

- 1
- 2
- 3
- 4
- 5
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- 8
- 9
- 10
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- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228051-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-228051-1	Post Carbon 2	Water	03/20/25 09:10	03/20/25 11:37
480-228051-2	Pre-Carbon	Water	03/20/25 09:05	03/20/25 11:37
480-228051-3	Outside Sump	Water	03/20/25 09:00	03/20/25 11:37

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CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION										REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com			Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056523					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																				
Sampler(s) Name:			Sampler(s) Name:					number of preserved bottles										8260 (TCL + CP51)										
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber												
	Post Carbon 2		03/20/25	0910	JP	WG	3	3																				X
	Pre-Carbon		I	0905	JP	WG	3	3																				X
	Outside Sump		I	0900	JP	WG	3	3										X										

Turnaround Time (Business Days)
 Standard 14 days
 1 day RUSH
 Other _____ days

Lab PM Approval / Date _____ / _____

Laboratory Information
 Lab: Eurofins
 Address: 10 Hazelwood Dr. Amherst, NY 14228
 Phone: 716-691-2600
 Lab PM: John Beninati
 Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

Commercial 'A' (Level 1) = Results Only
 Commercial 'B' (Level 2) = Results + QC Summary
 FULLT1 (Level 3 & 4)
 NJ Reduced = Results + QC Summary + Partial Raw Data
 Commercial 'C'
 NJ Data of Known Quality Protocol Reporting
 NYASP Category A
 NYASP Category B
 State Forms
 EDD Format NYSDEC EQEIS
 Other _____

Please Email the EQ EDD Package to ges@equisonline.com
 EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.

Relinquished By Sampler: 1 Jessica Paterson	Date / Time: 1	Received By: 1
Relinquished By: 2 [Signature]	Date / Time: 2 3/20 1137	Received By: 2 [Signature] TAB 3-20-25 1137
Relinquished By: 3	Date / Time: 3	Received By: 3

Custody Seal Number: Intact Preserved where applicable
 Not Intact On Ice Cooler Temp _____

30 ICE IR# SC



3/27/2025
Page 24 of 25

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-228051-1

Login Number: 228051

List Number: 1

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 4/23/2025 12:38:28 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-228784-1

Eurofins Buffalo

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-228784-1

Job ID: 480-228784-1

Eurofins Buffalo

Job Narrative 480-228784-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/17/2025 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: OUTSIDE SUMO (480-228784-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: PRE-CARBON (480-228784-2). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: POST-CARBON 2

Lab Sample ID: 480-228784-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.7		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-228784-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	310		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	42		10	7.4	ug/L	10		8260C	Total/NA
m,p-Xylene	20		20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	24		10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	14		10	7.6	ug/L	10		8260C	Total/NA
Toluene	55		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	34		20	6.6	ug/L	10		8260C	Total/NA

Client Sample ID: OUTSIDE SUMO

Lab Sample ID: 480-228784-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2100		25	10	ug/L	25		8260C	Total/NA
Ethylbenzene	120		25	19	ug/L	25		8260C	Total/NA
m,p-Xylene	52		50	17	ug/L	25		8260C	Total/NA
Naphthalene	170		25	11	ug/L	25		8260C	Total/NA
o-Xylene	32		25	19	ug/L	25		8260C	Total/NA
Toluene	180		25	13	ug/L	25		8260C	Total/NA
Xylenes, Total	84		50	17	ug/L	25		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: POST-CARBON 2

Lab Sample ID: 480-228784-1

Date Collected: 04/17/25 09:30

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/18/25 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/18/25 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/18/25 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/18/25 18:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/18/25 18:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/18/25 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/18/25 18:10	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			04/18/25 18:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/18/25 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/18/25 18:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/18/25 18:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/18/25 18:10	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			04/18/25 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/18/25 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/18/25 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/18/25 18:10	1
2-Hexanone	ND		5.0	1.2	ug/L			04/18/25 18:10	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			04/18/25 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/18/25 18:10	1
Acetone	ND		10	3.0	ug/L			04/18/25 18:10	1
Benzene	ND		1.0	0.41	ug/L			04/18/25 18:10	1
Bromoform	ND		1.0	0.26	ug/L			04/18/25 18:10	1
Bromomethane	ND		1.0	0.69	ug/L			04/18/25 18:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/18/25 18:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/18/25 18:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/18/25 18:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/18/25 18:10	1
Chloroethane	ND		1.0	0.32	ug/L			04/18/25 18:10	1
Chloroform	1.7		1.0	0.34	ug/L			04/18/25 18:10	1
Chloromethane	ND		1.0	0.35	ug/L			04/18/25 18:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/18/25 18:10	1
Cyclohexane	ND		1.0	0.18	ug/L			04/18/25 18:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/18/25 18:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/18/25 18:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/18/25 18:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/18/25 18:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/18/25 18:10	1
Methyl acetate	ND		2.5	1.3	ug/L			04/18/25 18:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/18/25 18:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/18/25 18:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/18/25 18:10	1
m,p-Xylene	ND		2.0	0.66	ug/L			04/18/25 18:10	1
Naphthalene	ND		1.0	0.43	ug/L			04/18/25 18:10	1
n-Butylbenzene	ND		1.0	0.64	ug/L			04/18/25 18:10	1
N-Propylbenzene	ND		1.0	0.69	ug/L			04/18/25 18:10	1
o-Xylene	ND		1.0	0.76	ug/L			04/18/25 18:10	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			04/18/25 18:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/18/25 18:10	1
Toluene	ND		1.0	0.51	ug/L			04/18/25 18:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: POST-CARBON 2

Lab Sample ID: 480-228784-1

Date Collected: 04/17/25 09:30

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/18/25 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/18/25 18:10	1
Trichloroethene	ND		1.0	0.46	ug/L			04/18/25 18:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/18/25 18:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/18/25 18:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/18/25 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/18/25 18:10	1
Styrene	ND		1.0	0.73	ug/L			04/18/25 18:10	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			04/18/25 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/18/25 18:10	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/18/25 18:10	1
Toluene-d8 (Surr)	102		80 - 120		04/18/25 18:10	1
Dibromofluoromethane (Surr)	101		75 - 123		04/18/25 18:10	1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-228784-2

Date Collected: 04/17/25 09:40

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			04/21/25 16:16	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/21/25 16:16	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/21/25 16:16	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/21/25 16:16	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/21/25 16:16	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/21/25 16:16	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/21/25 16:16	10
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			04/21/25 16:16	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/21/25 16:16	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/21/25 16:16	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/21/25 16:16	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/21/25 16:16	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			04/21/25 16:16	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/21/25 16:16	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/21/25 16:16	10
2-Butanone (MEK)	ND		100	13	ug/L			04/21/25 16:16	10
2-Hexanone	ND		50	12	ug/L			04/21/25 16:16	10
4-Isopropyltoluene	ND		10	3.1	ug/L			04/21/25 16:16	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/21/25 16:16	10
Acetone	ND		100	30	ug/L			04/21/25 16:16	10
Benzene	310		10	4.1	ug/L			04/21/25 16:16	10
Bromoform	ND		10	2.6	ug/L			04/21/25 16:16	10
Bromomethane	ND		10	6.9	ug/L			04/21/25 16:16	10
Carbon disulfide	ND		10	1.9	ug/L			04/21/25 16:16	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/21/25 16:16	10
Chlorobenzene	ND		10	7.5	ug/L			04/21/25 16:16	10
Dibromochloromethane	ND		10	3.2	ug/L			04/21/25 16:16	10
Chloroethane	ND		10	3.2	ug/L			04/21/25 16:16	10

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-228784-2

Date Collected: 04/17/25 09:40

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	3.4	ug/L			04/21/25 16:16	10
Chloromethane	ND		10	3.5	ug/L			04/21/25 16:16	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			04/21/25 16:16	10
Cyclohexane	ND		10	1.8	ug/L			04/21/25 16:16	10
Bromodichloromethane	ND		10	3.9	ug/L			04/21/25 16:16	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/21/25 16:16	10
Ethylbenzene	42		10	7.4	ug/L			04/21/25 16:16	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/21/25 16:16	10
Isopropylbenzene	ND		10	7.9	ug/L			04/21/25 16:16	10
Methyl acetate	ND		25	13	ug/L			04/21/25 16:16	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/21/25 16:16	10
Methylcyclohexane	ND		10	1.6	ug/L			04/21/25 16:16	10
Methylene Chloride	ND		10	4.4	ug/L			04/21/25 16:16	10
m,p-Xylene	20		20	6.6	ug/L			04/21/25 16:16	10
Naphthalene	24		10	4.3	ug/L			04/21/25 16:16	10
n-Butylbenzene	ND		10	6.4	ug/L			04/21/25 16:16	10
N-Propylbenzene	ND		10	6.9	ug/L			04/21/25 16:16	10
o-Xylene	14		10	7.6	ug/L			04/21/25 16:16	10
sec-Butylbenzene	ND		10	7.5	ug/L			04/21/25 16:16	10
Tetrachloroethene	ND		10	3.6	ug/L			04/21/25 16:16	10
Toluene	55		10	5.1	ug/L			04/21/25 16:16	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/21/25 16:16	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/21/25 16:16	10
Trichloroethene	ND		10	4.6	ug/L			04/21/25 16:16	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/21/25 16:16	10
Vinyl chloride	ND		10	9.0	ug/L			04/21/25 16:16	10
Xylenes, Total	34		20	6.6	ug/L			04/21/25 16:16	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/21/25 16:16	10
Styrene	ND		10	7.3	ug/L			04/21/25 16:16	10
tert-Butylbenzene	ND		10	8.1	ug/L			04/21/25 16:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		04/21/25 16:16	10
4-Bromofluorobenzene (Surr)	98		73 - 120		04/21/25 16:16	10
Toluene-d8 (Surr)	100		80 - 120		04/21/25 16:16	10
Dibromofluoromethane (Surr)	100		75 - 123		04/21/25 16:16	10

Client Sample ID: OUTSIDE SUMO

Lab Sample ID: 480-228784-3

Date Collected: 04/17/25 09:50

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			04/18/25 18:57	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			04/18/25 18:57	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			04/18/25 18:57	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			04/18/25 18:57	25
1,1-Dichloroethane	ND		25	9.5	ug/L			04/18/25 18:57	25
1,1-Dichloroethene	ND		25	7.3	ug/L			04/18/25 18:57	25
1,2,4-Trichlorobenzene	ND		25	10	ug/L			04/18/25 18:57	25

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: OUTSIDE SUMO

Lab Sample ID: 480-228784-3

Date Collected: 04/17/25 09:50

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		25	19	ug/L			04/18/25 18:57	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			04/18/25 18:57	25
1,2-Dichlorobenzene	ND		25	20	ug/L			04/18/25 18:57	25
1,2-Dichloroethane	ND		25	5.3	ug/L			04/18/25 18:57	25
1,2-Dichloropropane	ND		25	18	ug/L			04/18/25 18:57	25
1,3,5-Trimethylbenzene	ND		25	19	ug/L			04/18/25 18:57	25
1,3-Dichlorobenzene	ND		25	20	ug/L			04/18/25 18:57	25
1,4-Dichlorobenzene	ND		25	21	ug/L			04/18/25 18:57	25
2-Butanone (MEK)	ND		250	33	ug/L			04/18/25 18:57	25
2-Hexanone	ND		130	31	ug/L			04/18/25 18:57	25
4-Isopropyltoluene	ND		25	7.8	ug/L			04/18/25 18:57	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			04/18/25 18:57	25
Acetone	ND		250	75	ug/L			04/18/25 18:57	25
Benzene	2100		25	10	ug/L			04/18/25 18:57	25
Bromoform	ND		25	6.5	ug/L			04/18/25 18:57	25
Bromomethane	ND		25	17	ug/L			04/18/25 18:57	25
Carbon disulfide	ND		25	4.8	ug/L			04/18/25 18:57	25
Carbon tetrachloride	ND		25	6.8	ug/L			04/18/25 18:57	25
Chlorobenzene	ND		25	19	ug/L			04/18/25 18:57	25
Dibromochloromethane	ND		25	8.0	ug/L			04/18/25 18:57	25
Chloroethane	ND		25	8.0	ug/L			04/18/25 18:57	25
Chloroform	ND		25	8.5	ug/L			04/18/25 18:57	25
Chloromethane	ND		25	8.8	ug/L			04/18/25 18:57	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			04/18/25 18:57	25
Cyclohexane	ND		25	4.5	ug/L			04/18/25 18:57	25
Bromodichloromethane	ND		25	9.8	ug/L			04/18/25 18:57	25
Dichlorodifluoromethane	ND		25	17	ug/L			04/18/25 18:57	25
Ethylbenzene	120		25	19	ug/L			04/18/25 18:57	25
1,2-Dibromoethane	ND		25	18	ug/L			04/18/25 18:57	25
Isopropylbenzene	ND		25	20	ug/L			04/18/25 18:57	25
Methyl acetate	ND		63	33	ug/L			04/18/25 18:57	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			04/18/25 18:57	25
Methylcyclohexane	ND		25	4.0	ug/L			04/18/25 18:57	25
Methylene Chloride	ND		25	11	ug/L			04/18/25 18:57	25
m,p-Xylene	52		50	17	ug/L			04/18/25 18:57	25
Naphthalene	170		25	11	ug/L			04/18/25 18:57	25
n-Butylbenzene	ND		25	16	ug/L			04/18/25 18:57	25
N-Propylbenzene	ND		25	17	ug/L			04/18/25 18:57	25
o-Xylene	32		25	19	ug/L			04/18/25 18:57	25
sec-Butylbenzene	ND		25	19	ug/L			04/18/25 18:57	25
Tetrachloroethene	ND		25	9.0	ug/L			04/18/25 18:57	25
Toluene	180		25	13	ug/L			04/18/25 18:57	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			04/18/25 18:57	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			04/18/25 18:57	25
Trichloroethene	ND		25	12	ug/L			04/18/25 18:57	25
Trichlorofluoromethane	ND		25	22	ug/L			04/18/25 18:57	25
Vinyl chloride	ND		25	23	ug/L			04/18/25 18:57	25
Xylenes, Total	84		50	17	ug/L			04/18/25 18:57	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			04/18/25 18:57	25

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: OUTSIDE SUMO

Lab Sample ID: 480-228784-3

Date Collected: 04/17/25 09:50

Matrix: Water

Date Received: 04/17/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		25	18	ug/L			04/18/25 18:57	25
tert-Butylbenzene	ND		25	20	ug/L			04/18/25 18:57	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/18/25 18:57	25
4-Bromofluorobenzene (Surr)	97		73 - 120		04/18/25 18:57	25
Toluene-d8 (Surr)	98		80 - 120		04/18/25 18:57	25
Dibromofluoromethane (Surr)	99		75 - 123		04/18/25 18:57	25

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-228784-1	POST-CARBON 2	103	102	102	101
480-228784-2	PRE-CARBON	106	98	100	100
480-228784-3	OUTSIDE SUMO	101	97	98	99
LCS 480-743920/6	Lab Control Sample	102	98	100	102
LCS 480-744041/6	Lab Control Sample	101	97	101	100
MB 480-743920/9	Method Blank	102	99	99	103
MB 480-744041/9	Method Blank	104	97	99	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: MB 480-743920/9

Matrix: Water

Analysis Batch: 743920

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/18/25 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/18/25 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/18/25 13:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/18/25 13:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/18/25 13:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/18/25 13:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/18/25 13:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			04/18/25 13:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/18/25 13:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/18/25 13:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/18/25 13:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/18/25 13:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			04/18/25 13:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/18/25 13:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/18/25 13:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/18/25 13:07	1
2-Hexanone	ND		5.0	1.2	ug/L			04/18/25 13:07	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			04/18/25 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/18/25 13:07	1
Acetone	ND		10	3.0	ug/L			04/18/25 13:07	1
Benzene	ND		1.0	0.41	ug/L			04/18/25 13:07	1
Bromoform	ND		1.0	0.26	ug/L			04/18/25 13:07	1
Bromomethane	ND		1.0	0.69	ug/L			04/18/25 13:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/18/25 13:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/18/25 13:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/18/25 13:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/18/25 13:07	1
Chloroethane	ND		1.0	0.32	ug/L			04/18/25 13:07	1
Chloroform	ND		1.0	0.34	ug/L			04/18/25 13:07	1
Chloromethane	ND		1.0	0.35	ug/L			04/18/25 13:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/18/25 13:07	1
Cyclohexane	ND		1.0	0.18	ug/L			04/18/25 13:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/18/25 13:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/18/25 13:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/18/25 13:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/18/25 13:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/18/25 13:07	1
Methyl acetate	ND		2.5	1.3	ug/L			04/18/25 13:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/18/25 13:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/18/25 13:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/18/25 13:07	1
m,p-Xylene	ND		2.0	0.66	ug/L			04/18/25 13:07	1
Naphthalene	ND		1.0	0.43	ug/L			04/18/25 13:07	1
n-Butylbenzene	ND		1.0	0.64	ug/L			04/18/25 13:07	1
N-Propylbenzene	ND		1.0	0.69	ug/L			04/18/25 13:07	1
o-Xylene	ND		1.0	0.76	ug/L			04/18/25 13:07	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			04/18/25 13:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/18/25 13:07	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: MB 480-743920/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 743920

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			04/18/25 13:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/18/25 13:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/18/25 13:07	1
Trichloroethene	ND		1.0	0.46	ug/L			04/18/25 13:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/18/25 13:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/18/25 13:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/18/25 13:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/18/25 13:07	1
Styrene	ND		1.0	0.73	ug/L			04/18/25 13:07	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			04/18/25 13:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/18/25 13:07	1
4-Bromofluorobenzene (Surr)	99		73 - 120		04/18/25 13:07	1
Toluene-d8 (Surr)	99		80 - 120		04/18/25 13:07	1
Dibromofluoromethane (Surr)	103		75 - 123		04/18/25 13:07	1

Lab Sample ID: LCS 480-743920/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 743920

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	73 - 126
1,1,1,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.6		ug/L		98	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	24.5		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	23.7		ug/L		95	79 - 122
1,2,4-Trimethylbenzene	25.0	24.0		ug/L		96	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	56 - 134
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	24.6		ug/L		98	76 - 120
1,3,5-Trimethylbenzene	25.0	24.1		ug/L		97	77 - 121
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	123		ug/L		98	57 - 140
2-Hexanone	125	122		ug/L		97	65 - 127
4-Isopropyltoluene	25.0	24.0		ug/L		96	73 - 120
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromoform	25.0	27.8		ug/L		111	61 - 132
Bromomethane	25.0	26.7		ug/L		107	55 - 144
Carbon disulfide	25.0	24.6		ug/L		98	59 - 134
Carbon tetrachloride	25.0	25.0		ug/L		100	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: LCS 480-743920/6

Matrix: Water

Analysis Batch: 743920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Dibromochloromethane	25.0	27.1		ug/L		108	75 - 125
Chloroethane	25.0	23.9		ug/L		95	69 - 136
Chloroform	25.0	22.0		ug/L		88	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		95	74 - 124
Cyclohexane	25.0	23.7		ug/L		95	59 - 135
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Dichlorodifluoromethane	25.0	22.1		ug/L		88	59 - 135
Ethylbenzene	25.0	24.4		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
Isopropylbenzene	25.0	24.4		ug/L		98	77 - 122
Methyl acetate	50.0	46.3		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		98	77 - 120
Methylcyclohexane	25.0	24.2		ug/L		97	68 - 134
Methylene Chloride	25.0	24.4		ug/L		98	75 - 124
m,p-Xylene	25.0	23.9		ug/L		95	76 - 122
Naphthalene	25.0	22.7		ug/L		91	66 - 125
n-Butylbenzene	25.0	24.4		ug/L		97	71 - 128
N-Propylbenzene	25.0	24.1		ug/L		96	75 - 127
o-Xylene	25.0	24.2		ug/L		97	76 - 122
sec-Butylbenzene	25.0	24.0		ug/L		96	74 - 127
Tetrachloroethene	25.0	23.6		ug/L		94	74 - 122
Toluene	25.0	23.9		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		101	80 - 120
Trichloroethene	25.0	23.6		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	25.8		ug/L		103	62 - 150
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133
cis-1,3-Dichloropropene	25.0	25.1		ug/L		100	74 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120
tert-Butylbenzene	25.0	23.5		ug/L		94	75 - 123

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: MB 480-744041/9

Matrix: Water

Analysis Batch: 744041

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/21/25 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/21/25 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/21/25 13:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/21/25 13:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/21/25 13:07	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: MB 480-744041/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 744041

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/21/25 13:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/21/25 13:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			04/21/25 13:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/21/25 13:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/21/25 13:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/21/25 13:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/21/25 13:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			04/21/25 13:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/21/25 13:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/21/25 13:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/21/25 13:07	1
2-Hexanone	ND		5.0	1.2	ug/L			04/21/25 13:07	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			04/21/25 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/21/25 13:07	1
Acetone	ND		10	3.0	ug/L			04/21/25 13:07	1
Benzene	ND		1.0	0.41	ug/L			04/21/25 13:07	1
Bromoform	ND		1.0	0.26	ug/L			04/21/25 13:07	1
Bromomethane	ND		1.0	0.69	ug/L			04/21/25 13:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/21/25 13:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/21/25 13:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/21/25 13:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/21/25 13:07	1
Chloroethane	ND		1.0	0.32	ug/L			04/21/25 13:07	1
Chloroform	ND		1.0	0.34	ug/L			04/21/25 13:07	1
Chloromethane	ND		1.0	0.35	ug/L			04/21/25 13:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/21/25 13:07	1
Cyclohexane	ND		1.0	0.18	ug/L			04/21/25 13:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/21/25 13:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/21/25 13:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/21/25 13:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/21/25 13:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/21/25 13:07	1
Methyl acetate	ND		2.5	1.3	ug/L			04/21/25 13:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/21/25 13:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/21/25 13:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/21/25 13:07	1
m,p-Xylene	ND		2.0	0.66	ug/L			04/21/25 13:07	1
Naphthalene	ND		1.0	0.43	ug/L			04/21/25 13:07	1
n-Butylbenzene	ND		1.0	0.64	ug/L			04/21/25 13:07	1
N-Propylbenzene	ND		1.0	0.69	ug/L			04/21/25 13:07	1
o-Xylene	ND		1.0	0.76	ug/L			04/21/25 13:07	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			04/21/25 13:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/21/25 13:07	1
Toluene	ND		1.0	0.51	ug/L			04/21/25 13:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/21/25 13:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/21/25 13:07	1
Trichloroethene	ND		1.0	0.46	ug/L			04/21/25 13:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/21/25 13:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/21/25 13:07	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: MB 480-744041/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 744041

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Xylenes, Total	ND		2.0	0.66	ug/L			04/21/25 13:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/21/25 13:07	1
Styrene	ND		1.0	0.73	ug/L			04/21/25 13:07	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			04/21/25 13:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/21/25 13:07	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/21/25 13:07	1
Toluene-d8 (Surr)	99		80 - 120		04/21/25 13:07	1
Dibromofluoromethane (Surr)	102		75 - 123		04/21/25 13:07	1

Lab Sample ID: LCS 480-744041/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 744041

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.5		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	24.5		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	79 - 122
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		102	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	56 - 134
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3,5-Trimethylbenzene	25.0	25.9		ug/L		104	77 - 121
1,3-Dichlorobenzene	25.0	25.9		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	136		ug/L		109	65 - 127
4-Isopropyltoluene	25.0	25.7		ug/L		103	73 - 120
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	145		ug/L		116	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromoform	25.0	28.5		ug/L		114	61 - 132
Bromomethane	25.0	27.1		ug/L		109	55 - 144
Carbon disulfide	25.0	26.7		ug/L		107	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120
Dibromochloromethane	25.0	27.9		ug/L		112	75 - 125
Chloroethane	25.0	24.4		ug/L		97	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	25.1		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

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

Lab Sample ID: LCS 480-744041/6

Matrix: Water

Analysis Batch: 744041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Dichlorodifluoromethane	25.0	25.1		ug/L		100	59 - 135
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
1,2-Dibromoethane	25.0	26.1		ug/L		104	77 - 120
Isopropylbenzene	25.0	26.1		ug/L		104	77 - 122
Methyl acetate	50.0	49.3		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	26.3		ug/L		105	68 - 134
Methylene Chloride	25.0	25.1		ug/L		101	75 - 124
m,p-Xylene	25.0	25.2		ug/L		101	76 - 122
Naphthalene	25.0	25.2		ug/L		101	66 - 125
n-Butylbenzene	25.0	26.6		ug/L		106	71 - 128
N-Propylbenzene	25.0	26.1		ug/L		104	75 - 127
o-Xylene	25.0	25.7		ug/L		103	76 - 122
sec-Butylbenzene	25.0	26.5		ug/L		106	74 - 127
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	27.0		ug/L		108	62 - 150
Vinyl chloride	25.0	26.2		ug/L		105	65 - 133
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Styrene	25.0	25.6		ug/L		103	80 - 120
tert-Butylbenzene	25.0	25.1		ug/L		100	75 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

GC/MS VOA

Analysis Batch: 743920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228784-1	POST-CARBON 2	Total/NA	Water	8260C	
480-228784-3	OUTSIDE SUMO	Total/NA	Water	8260C	
MB 480-743920/9	Method Blank	Total/NA	Water	8260C	
LCS 480-743920/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 744041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228784-2	PRE-CARBON	Total/NA	Water	8260C	
MB 480-744041/9	Method Blank	Total/NA	Water	8260C	
LCS 480-744041/6	Lab Control Sample	Total/NA	Water	8260C	



Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Client Sample ID: POST-CARBON 2

Lab Sample ID: 480-228784-1

Date Collected: 04/17/25 09:30

Matrix: Water

Date Received: 04/17/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	743920	ERS	EET BUF	04/18/25 18:10

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-228784-2

Date Collected: 04/17/25 09:40

Matrix: Water

Date Received: 04/17/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	744041	AXK	EET BUF	04/21/25 16:16

Client Sample ID: OUTSIDE SUMO

Lab Sample ID: 480-228784-3

Date Collected: 04/17/25 09:50

Matrix: Water

Date Received: 04/17/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		25	743920	ERS	EET BUF	04/18/25 18:57

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

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Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-228784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-228784-1	POST-CARBON 2	Water	04/17/25 09:30	04/17/25 11:00
480-228784-2	PRE-CARBON	Water	04/17/25 09:40	04/17/25 11:00
480-228784-3	OUTSIDE SUMO	Water	04/17/25 09:50	04/17/25 11:00

1

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-228784-1

Login Number: 228784

List Number: 1

Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 5/22/2025 9:48:03 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-229495-1

Eurofins Buffalo

Job Notes

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Authorization



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Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	22
Lab Chronicle	23
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-229495-1

Job ID: 480-229495-1

Eurofins Buffalo

Job Narrative 480-229495-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/16/2025 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 16.4°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-746503 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: Post Carbon 2 (480-229495-1) and Outside Sump (480-229495-3).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-746503 recovered outside control limits for the following analytes: Tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, 2-Butanone exceeded control limits in the laboratory control sample (LCS) associated with batch 480-746503. The following samples were affected: Post Carbon 2 (480-229495-1) and Outside Sump (480-229495-3).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Outside Sump (480-229495-3), (480-229495-A-3 MS) and (480-229495-A-3 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-746622 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: Pre-Carbon (480-229495-2).

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-229495-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.2		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-229495-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0	0.41	ug/L	1		8260C	Total/NA
Chloroform	1.1		1.0	0.34	ug/L	1		8260C	Total/NA
Ethylbenzene	1.5		1.0	0.74	ug/L	1		8260C	Total/NA
m,p-Xylene	1.9	J	2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	0.53	J	1.0	0.43	ug/L	1		8260C	Total/NA
Xylenes, Total	1.9	J	2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-229495-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1000	F1	25	10	ug/L	25		8260C	Total/NA
Ethylbenzene	48		25	19	ug/L	25		8260C	Total/NA
m,p-Xylene	22	J	50	17	ug/L	25		8260C	Total/NA
Naphthalene	81		25	11	ug/L	25		8260C	Total/NA
Toluene	79		25	13	ug/L	25		8260C	Total/NA
Xylenes, Total	22	J	50	17	ug/L	25		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-229495-1

Date Collected: 05/16/25 15:20

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/20/25 02:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/20/25 02:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/20/25 02:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/20/25 02:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/20/25 02:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/20/25 02:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/20/25 02:32	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/20/25 02:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/20/25 02:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/20/25 02:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/20/25 02:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/20/25 02:32	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/20/25 02:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/20/25 02:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/20/25 02:32	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			05/20/25 02:32	1
2-Hexanone	ND		5.0	1.2	ug/L			05/20/25 02:32	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			05/20/25 02:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/20/25 02:32	1
Acetone	ND		10	3.0	ug/L			05/20/25 02:32	1
Benzene	ND		1.0	0.41	ug/L			05/20/25 02:32	1
Bromoform	ND		1.0	0.26	ug/L			05/20/25 02:32	1
Bromomethane	ND		1.0	0.69	ug/L			05/20/25 02:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/20/25 02:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/20/25 02:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/20/25 02:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/20/25 02:32	1
Chloroethane	ND		1.0	0.32	ug/L			05/20/25 02:32	1
Chloroform	2.2		1.0	0.34	ug/L			05/20/25 02:32	1
Chloromethane	ND		1.0	0.35	ug/L			05/20/25 02:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/20/25 02:32	1
Cyclohexane	ND		1.0	0.18	ug/L			05/20/25 02:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/20/25 02:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/20/25 02:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/20/25 02:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/20/25 02:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/20/25 02:32	1
Methyl acetate	ND		2.5	1.3	ug/L			05/20/25 02:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/20/25 02:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/20/25 02:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/20/25 02:32	1
m,p-Xylene	ND		2.0	0.66	ug/L			05/20/25 02:32	1
Naphthalene	ND		1.0	0.43	ug/L			05/20/25 02:32	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/20/25 02:32	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/20/25 02:32	1
o-Xylene	ND		1.0	0.76	ug/L			05/20/25 02:32	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/20/25 02:32	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			05/20/25 02:32	1
Toluene	ND		1.0	0.51	ug/L			05/20/25 02:32	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-229495-1

Date Collected: 05/16/25 15:20

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/20/25 02:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/20/25 02:32	1
Trichloroethene	ND		1.0	0.46	ug/L			05/20/25 02:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/20/25 02:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/20/25 02:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/20/25 02:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/20/25 02:32	1
Styrene	ND		1.0	0.73	ug/L			05/20/25 02:32	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/20/25 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					05/20/25 02:32	1
4-Bromofluorobenzene (Surr)	100		73 - 120					05/20/25 02:32	1
Toluene-d8 (Surr)	101		80 - 120					05/20/25 02:32	1
Dibromofluoromethane (Surr)	103		75 - 123					05/20/25 02:32	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-229495-2

Date Collected: 05/16/25 15:15

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/21/25 00:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/21/25 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/21/25 00:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/21/25 00:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/21/25 00:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/21/25 00:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/21/25 00:23	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/21/25 00:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/21/25 00:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/21/25 00:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/25 00:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/21/25 00:23	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/21/25 00:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/21/25 00:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/21/25 00:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/21/25 00:23	1
2-Hexanone	ND		5.0	1.2	ug/L			05/21/25 00:23	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			05/21/25 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/21/25 00:23	1
Acetone	ND		10	3.0	ug/L			05/21/25 00:23	1
Benzene	1.3		1.0	0.41	ug/L			05/21/25 00:23	1
Bromoform	ND		1.0	0.26	ug/L			05/21/25 00:23	1
Bromomethane	ND		1.0	0.69	ug/L			05/21/25 00:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/21/25 00:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/21/25 00:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/21/25 00:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/21/25 00:23	1
Chloroethane	ND		1.0	0.32	ug/L			05/21/25 00:23	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-229495-2

Date Collected: 05/16/25 15:15

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.1		1.0	0.34	ug/L			05/21/25 00:23	1
Chloromethane	ND		1.0	0.35	ug/L			05/21/25 00:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/25 00:23	1
Cyclohexane	ND		1.0	0.18	ug/L			05/21/25 00:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/21/25 00:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/21/25 00:23	1
Ethylbenzene	1.5		1.0	0.74	ug/L			05/21/25 00:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/21/25 00:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/21/25 00:23	1
Methyl acetate	ND		2.5	1.3	ug/L			05/21/25 00:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/21/25 00:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/21/25 00:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/25 00:23	1
m,p-Xylene	1.9 J		2.0	0.66	ug/L			05/21/25 00:23	1
Naphthalene	0.53 J		1.0	0.43	ug/L			05/21/25 00:23	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/21/25 00:23	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/21/25 00:23	1
o-Xylene	ND		1.0	0.76	ug/L			05/21/25 00:23	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/21/25 00:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/25 00:23	1
Toluene	ND		1.0	0.51	ug/L			05/21/25 00:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/25 00:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/21/25 00:23	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/25 00:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/21/25 00:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/21/25 00:23	1
Xylenes, Total	1.9 J		2.0	0.66	ug/L			05/21/25 00:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/21/25 00:23	1
Styrene	ND		1.0	0.73	ug/L			05/21/25 00:23	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/21/25 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/21/25 00:23	1
4-Bromofluorobenzene (Surr)	98		73 - 120		05/21/25 00:23	1
Toluene-d8 (Surr)	101		80 - 120		05/21/25 00:23	1
Dibromofluoromethane (Surr)	103		75 - 123		05/21/25 00:23	1

Client Sample ID: Outside Sump

Lab Sample ID: 480-229495-3

Date Collected: 05/16/25 15:25

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			05/20/25 03:16	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			05/20/25 03:16	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			05/20/25 03:16	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			05/20/25 03:16	25
1,1-Dichloroethane	ND		25	9.5	ug/L			05/20/25 03:16	25
1,1-Dichloroethene	ND		25	7.3	ug/L			05/20/25 03:16	25
1,2,4-Trichlorobenzene	ND		25	10	ug/L			05/20/25 03:16	25

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-229495-3

Date Collected: 05/16/25 15:25

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		25	19	ug/L			05/20/25 03:16	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			05/20/25 03:16	25
1,2-Dichlorobenzene	ND		25	20	ug/L			05/20/25 03:16	25
1,2-Dichloroethane	ND		25	5.3	ug/L			05/20/25 03:16	25
1,2-Dichloropropane	ND		25	18	ug/L			05/20/25 03:16	25
1,3,5-Trimethylbenzene	ND		25	19	ug/L			05/20/25 03:16	25
1,3-Dichlorobenzene	ND		25	20	ug/L			05/20/25 03:16	25
1,4-Dichlorobenzene	ND		25	21	ug/L			05/20/25 03:16	25
2-Butanone (MEK)	ND	*+	250	33	ug/L			05/20/25 03:16	25
2-Hexanone	ND		130	31	ug/L			05/20/25 03:16	25
4-Isopropyltoluene	ND		25	7.8	ug/L			05/20/25 03:16	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			05/20/25 03:16	25
Acetone	ND		250	75	ug/L			05/20/25 03:16	25
Benzene	1000	F1	25	10	ug/L			05/20/25 03:16	25
Bromoform	ND		25	6.5	ug/L			05/20/25 03:16	25
Bromomethane	ND		25	17	ug/L			05/20/25 03:16	25
Carbon disulfide	ND		25	4.8	ug/L			05/20/25 03:16	25
Carbon tetrachloride	ND		25	6.8	ug/L			05/20/25 03:16	25
Chlorobenzene	ND		25	19	ug/L			05/20/25 03:16	25
Dibromochloromethane	ND		25	8.0	ug/L			05/20/25 03:16	25
Chloroethane	ND		25	8.0	ug/L			05/20/25 03:16	25
Chloroform	ND		25	8.5	ug/L			05/20/25 03:16	25
Chloromethane	ND		25	8.8	ug/L			05/20/25 03:16	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			05/20/25 03:16	25
Cyclohexane	ND		25	4.5	ug/L			05/20/25 03:16	25
Bromodichloromethane	ND		25	9.8	ug/L			05/20/25 03:16	25
Dichlorodifluoromethane	ND		25	17	ug/L			05/20/25 03:16	25
Ethylbenzene	48		25	19	ug/L			05/20/25 03:16	25
1,2-Dibromoethane	ND		25	18	ug/L			05/20/25 03:16	25
Isopropylbenzene	ND		25	20	ug/L			05/20/25 03:16	25
Methyl acetate	ND		63	33	ug/L			05/20/25 03:16	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			05/20/25 03:16	25
Methylcyclohexane	ND		25	4.0	ug/L			05/20/25 03:16	25
Methylene Chloride	ND		25	11	ug/L			05/20/25 03:16	25
m,p-Xylene	22	J	50	17	ug/L			05/20/25 03:16	25
Naphthalene	81		25	11	ug/L			05/20/25 03:16	25
n-Butylbenzene	ND		25	16	ug/L			05/20/25 03:16	25
N-Propylbenzene	ND		25	17	ug/L			05/20/25 03:16	25
o-Xylene	ND		25	19	ug/L			05/20/25 03:16	25
sec-Butylbenzene	ND		25	19	ug/L			05/20/25 03:16	25
Tetrachloroethene	ND	*+	25	9.0	ug/L			05/20/25 03:16	25
Toluene	79		25	13	ug/L			05/20/25 03:16	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			05/20/25 03:16	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			05/20/25 03:16	25
Trichloroethene	ND		25	12	ug/L			05/20/25 03:16	25
Trichlorofluoromethane	ND		25	22	ug/L			05/20/25 03:16	25
Vinyl chloride	ND		25	23	ug/L			05/20/25 03:16	25
Xylenes, Total	22	J	50	17	ug/L			05/20/25 03:16	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			05/20/25 03:16	25

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-229495-3

Date Collected: 05/16/25 15:25

Matrix: Water

Date Received: 05/16/25 16:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		25	18	ug/L			05/20/25 03:16	25
tert-Butylbenzene	ND		25	20	ug/L			05/20/25 03:16	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/20/25 03:16	25
4-Bromofluorobenzene (Surr)	102		73 - 120		05/20/25 03:16	25
Toluene-d8 (Surr)	98		80 - 120		05/20/25 03:16	25
Dibromofluoromethane (Surr)	104		75 - 123		05/20/25 03:16	25

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-229495-1	Post Carbon 2	102	100	101	103
480-229495-2	Pre-Carbon	103	98	101	103
480-229495-3	Outside Sump	102	102	98	104
480-229495-3 MS	Outside Sump	100	98	98	102
480-229495-3 MSD	Outside Sump	99	101	97	100
LCS 480-746503/6	Lab Control Sample	104	99	97	100
LCS 480-746622/6	Lab Control Sample	98	99	99	101
MB 480-746503/8	Method Blank	102	99	101	103
MB 480-746622/8	Method Blank	98	99	99	101

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: MB 480-746503/8
Matrix: Water
Analysis Batch: 746503

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/19/25 19:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/19/25 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/19/25 19:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/19/25 19:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/19/25 19:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/19/25 19:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/19/25 19:28	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/19/25 19:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/19/25 19:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/19/25 19:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/19/25 19:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/19/25 19:28	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/19/25 19:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/19/25 19:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/19/25 19:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/19/25 19:28	1
2-Hexanone	ND		5.0	1.2	ug/L			05/19/25 19:28	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			05/19/25 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/19/25 19:28	1
Acetone	ND		10	3.0	ug/L			05/19/25 19:28	1
Benzene	ND		1.0	0.41	ug/L			05/19/25 19:28	1
Bromoform	ND		1.0	0.26	ug/L			05/19/25 19:28	1
Bromomethane	ND		1.0	0.69	ug/L			05/19/25 19:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/19/25 19:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/19/25 19:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/19/25 19:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/19/25 19:28	1
Chloroethane	ND		1.0	0.32	ug/L			05/19/25 19:28	1
Chloroform	ND		1.0	0.34	ug/L			05/19/25 19:28	1
Chloromethane	ND		1.0	0.35	ug/L			05/19/25 19:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/19/25 19:28	1
Cyclohexane	ND		1.0	0.18	ug/L			05/19/25 19:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/19/25 19:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/19/25 19:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/19/25 19:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/19/25 19:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/19/25 19:28	1
Methyl acetate	ND		2.5	1.3	ug/L			05/19/25 19:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/19/25 19:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/19/25 19:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/19/25 19:28	1
m,p-Xylene	ND		2.0	0.66	ug/L			05/19/25 19:28	1
Naphthalene	ND		1.0	0.43	ug/L			05/19/25 19:28	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/19/25 19:28	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/19/25 19:28	1
o-Xylene	ND		1.0	0.76	ug/L			05/19/25 19:28	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/19/25 19:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/19/25 19:28	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: MB 480-746503/8
Matrix: Water
Analysis Batch: 746503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			05/19/25 19:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/19/25 19:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/19/25 19:28	1
Trichloroethene	ND		1.0	0.46	ug/L			05/19/25 19:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/19/25 19:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/19/25 19:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/19/25 19:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/19/25 19:28	1
Styrene	ND		1.0	0.73	ug/L			05/19/25 19:28	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/19/25 19:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/19/25 19:28	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/19/25 19:28	1
Toluene-d8 (Surr)	101		80 - 120		05/19/25 19:28	1
Dibromofluoromethane (Surr)	103		75 - 123		05/19/25 19:28	1

Lab Sample ID: LCS 480-746503/6
Matrix: Water
Analysis Batch: 746503

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-Trichloroethane	25.0	27.8		ug/L		111	73 - 126
1,1,1,2-Tetrachloroethane	25.0	25.5		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	77 - 120
1,1-Dichloroethene	25.0	26.0		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	23.1		ug/L		92	79 - 122
1,2,4-Trimethylbenzene	25.0	26.5		ug/L		106	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 - 134
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
1,3,5-Trimethylbenzene	25.0	27.2		ug/L		109	77 - 121
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	228	*+	ug/L		183	57 - 140
2-Hexanone	125	112		ug/L		90	65 - 127
4-Isopropyltoluene	25.0	27.3		ug/L		109	73 - 120
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	141		ug/L		113	56 - 142
Benzene	25.0	25.3		ug/L		101	71 - 124
Bromoform	25.0	27.2		ug/L		109	61 - 132
Bromomethane	25.0	29.1		ug/L		117	55 - 144
Carbon disulfide	25.0	26.5		ug/L		106	59 - 134
Carbon tetrachloride	25.0	30.2		ug/L		121	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: LCS 480-746503/6
Matrix: Water
Analysis Batch: 746503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	26.6		ug/L		106	75 - 125
Chloroethane	25.0	25.0		ug/L		100	69 - 136
Chloroform	25.0	24.7		ug/L		99	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
Cyclohexane	25.0	25.9		ug/L		104	59 - 135
Bromodichloromethane	25.0	25.7		ug/L		103	80 - 122
Dichlorodifluoromethane	25.0	21.9		ug/L		88	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
Isopropylbenzene	25.0	27.7		ug/L		111	77 - 122
Methyl acetate	50.0	50.6		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	25.0	26.4		ug/L		106	68 - 134
Methylene Chloride	25.0	26.9		ug/L		108	75 - 124
m,p-Xylene	25.0	25.5		ug/L		102	76 - 122
Naphthalene	25.0	23.5		ug/L		94	66 - 125
n-Butylbenzene	25.0	26.2		ug/L		105	71 - 128
N-Propylbenzene	25.0	27.0		ug/L		108	75 - 127
o-Xylene	25.0	25.2		ug/L		101	76 - 122
sec-Butylbenzene	25.0	27.2		ug/L		109	74 - 127
Tetrachloroethene	25.0	32.5	*+	ug/L		130	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	25.9		ug/L		104	80 - 120
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	28.2		ug/L		113	62 - 150
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
tert-Butylbenzene	25.0	28.6		ug/L		114	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: 480-229495-3 MS
Matrix: Water
Analysis Batch: 746503

Client Sample ID: Outside Sump
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		625	707		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	ND		625	663		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		625	670		ug/L		107	61 - 148
1,1,2-Trichloroethane	ND		625	643		ug/L		103	76 - 122
1,1-Dichloroethane	ND		625	669		ug/L		107	77 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: 480-229495-3 MS

Matrix: Water

Analysis Batch: 746503

Client Sample ID: Outside Sump

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		625	656		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	ND		625	611		ug/L		98	79 - 122
1,2,4-Trimethylbenzene	ND		625	650		ug/L		104	76 - 121
1,2-Dibromo-3-Chloropropane	ND		625	668		ug/L		107	56 - 134
1,2-Dichlorobenzene	ND		625	650		ug/L		104	80 - 124
1,2-Dichloroethane	ND		625	649		ug/L		104	75 - 120
1,2-Dichloropropane	ND		625	659		ug/L		105	76 - 120
1,3,5-Trimethylbenzene	ND		625	672		ug/L		108	77 - 121
1,3-Dichlorobenzene	ND		625	621		ug/L		99	77 - 120
1,4-Dichlorobenzene	ND		625	623		ug/L		100	78 - 124
2-Butanone (MEK)	ND	+	3130	3420		ug/L		109	57 - 140
2-Hexanone	ND		3130	3140		ug/L		101	65 - 127
4-Isopropyltoluene	ND		625	667		ug/L		107	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		3130	3260		ug/L		104	71 - 125
Acetone	ND		3130	3680		ug/L		118	56 - 142
Benzene	1000	F1	625	1480		ug/L		73	71 - 124
Bromoform	ND		625	642		ug/L		103	61 - 132
Bromomethane	ND		625	706		ug/L		113	55 - 144
Carbon disulfide	ND		625	615		ug/L		98	59 - 134
Carbon tetrachloride	ND		625	761		ug/L		122	72 - 134
Chlorobenzene	ND		625	635		ug/L		102	80 - 120
Dibromochloromethane	ND		625	658		ug/L		105	75 - 125
Chloroethane	ND		625	642		ug/L		103	69 - 136
Chloroform	ND		625	655		ug/L		105	73 - 127
Chloromethane	ND		625	616		ug/L		98	68 - 124
cis-1,2-Dichloroethene	ND		625	669		ug/L		107	74 - 124
Cyclohexane	ND		625	658		ug/L		105	59 - 135
Bromodichloromethane	ND		625	655		ug/L		105	80 - 122
Dichlorodifluoromethane	ND		625	561		ug/L		90	59 - 135
Ethylbenzene	48		625	678		ug/L		101	77 - 123
1,2-Dibromoethane	ND		625	631		ug/L		101	77 - 120
Isopropylbenzene	ND		625	676		ug/L		108	77 - 122
Methyl acetate	ND		1250	1280		ug/L		103	74 - 133
Methyl tert-butyl ether	ND		625	672		ug/L		108	77 - 120
Methylcyclohexane	ND		625	657		ug/L		105	68 - 134
Methylene Chloride	ND		625	703		ug/L		113	75 - 124
m,p-Xylene	22	J	625	658		ug/L		102	76 - 122
Naphthalene	81		625	733		ug/L		104	66 - 125
n-Butylbenzene	ND		625	665		ug/L		106	71 - 128
N-Propylbenzene	ND		625	664		ug/L		106	75 - 127
o-Xylene	ND		625	654		ug/L		105	76 - 122
sec-Butylbenzene	ND		625	662		ug/L		106	74 - 127
Tetrachloroethene	ND	+	625	653		ug/L		104	74 - 122
Toluene	79		625	705		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		625	685		ug/L		110	73 - 127
trans-1,3-Dichloropropene	ND		625	629		ug/L		101	80 - 120
Trichloroethene	ND		625	643		ug/L		103	74 - 123
Trichlorofluoromethane	ND		625	707		ug/L		113	62 - 150
Vinyl chloride	ND		625	645		ug/L		103	65 - 133

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: 480-229495-3 MS

Matrix: Water

Analysis Batch: 746503

Client Sample ID: Outside Sump

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
cis-1,3-Dichloropropene	ND		625	644		ug/L		103	74 - 124
Styrene	ND		625	640		ug/L		102	80 - 120
tert-Butylbenzene	ND		625	688		ug/L		110	75 - 123
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	100		77 - 120						
4-Bromofluorobenzene (Surr)	98		73 - 120						
Toluene-d8 (Surr)	98		80 - 120						
Dibromofluoromethane (Surr)	102		75 - 123						

Lab Sample ID: 480-229495-3 MSD

Matrix: Water

Analysis Batch: 746503

Client Sample ID: Outside Sump

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		625	699		ug/L		112	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		625	620		ug/L		99	76 - 120	7	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		625	661		ug/L		106	61 - 148	1	20
1,1,2-Trichloroethane	ND		625	623		ug/L		100	76 - 122	3	15
1,1-Dichloroethane	ND		625	636		ug/L		102	77 - 120	5	20
1,1-Dichloroethene	ND		625	625		ug/L		100	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		625	560		ug/L		90	79 - 122	9	20
1,2,4-Trimethylbenzene	ND		625	626		ug/L		100	76 - 121	4	20
1,2-Dibromo-3-Chloropropane	ND		625	631		ug/L		101	56 - 134	6	15
1,2-Dichlorobenzene	ND		625	623		ug/L		100	80 - 124	4	20
1,2-Dichloroethane	ND		625	622		ug/L		100	75 - 120	4	20
1,2-Dichloropropane	ND		625	652		ug/L		104	76 - 120	1	20
1,3,5-Trimethylbenzene	ND		625	622		ug/L		99	77 - 121	8	20
1,3-Dichlorobenzene	ND		625	604		ug/L		97	77 - 120	3	20
1,4-Dichlorobenzene	ND		625	613		ug/L		98	78 - 124	2	20
2-Butanone (MEK)	ND	*+	3130	3270		ug/L		105	57 - 140	4	20
2-Hexanone	ND		3130	3110		ug/L		100	65 - 127	1	15
4-Isopropyltoluene	ND		625	647		ug/L		103	73 - 120	3	20
4-Methyl-2-pentanone (MIBK)	ND		3130	3120		ug/L		100	71 - 125	4	35
Acetone	ND		3130	3420		ug/L		109	56 - 142	7	15
Benzene	1000	F1	625	1450	F1	ug/L		68	71 - 124	2	13
Bromoform	ND		625	639		ug/L		102	61 - 132	0	15
Bromomethane	ND		625	657		ug/L		105	55 - 144	7	15
Carbon disulfide	ND		625	597		ug/L		96	59 - 134	3	15
Carbon tetrachloride	ND		625	755		ug/L		121	72 - 134	1	15
Chlorobenzene	ND		625	631		ug/L		101	80 - 120	1	25
Dibromochloromethane	ND		625	632		ug/L		101	75 - 125	4	15
Chloroethane	ND		625	614		ug/L		98	69 - 136	4	15
Chloroform	ND		625	634		ug/L		101	73 - 127	3	20
Chloromethane	ND		625	597		ug/L		96	68 - 124	3	15
cis-1,2-Dichloroethene	ND		625	641		ug/L		103	74 - 124	4	15
Cyclohexane	ND		625	643		ug/L		103	59 - 135	2	20
Bromodichloromethane	ND		625	643		ug/L		103	80 - 122	2	15

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: 480-229495-3 MSD

Matrix: Water

Analysis Batch: 746503

Client Sample ID: Outside Sump

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND		625	536		ug/L		86	59 - 135	5	20
Ethylbenzene	48		625	674		ug/L		100	77 - 123	1	15
1,2-Dibromoethane	ND		625	613		ug/L		98	77 - 120	3	15
Isopropylbenzene	ND		625	640		ug/L		102	77 - 122	6	20
Methyl acetate	ND		1250	1190		ug/L		95	74 - 133	7	20
Methyl tert-butyl ether	ND		625	636		ug/L		102	77 - 120	5	37
Methylcyclohexane	ND		625	662		ug/L		106	68 - 134	1	20
Methylene Chloride	ND		625	661		ug/L		106	75 - 124	6	15
m,p-Xylene	22	J	625	664		ug/L		103	76 - 122	1	16
Naphthalene	81		625	672		ug/L		94	66 - 125	9	20
n-Butylbenzene	ND		625	639		ug/L		102	71 - 128	4	15
N-Propylbenzene	ND		625	633		ug/L		101	75 - 127	5	15
o-Xylene	ND		625	643		ug/L		103	76 - 122	2	16
sec-Butylbenzene	ND		625	644		ug/L		103	74 - 127	3	15
Tetrachloroethene	ND	*+	625	642		ug/L		103	74 - 122	2	20
Toluene	79		625	689		ug/L		98	80 - 122	2	15
trans-1,2-Dichloroethene	ND		625	663		ug/L		106	73 - 127	3	20
trans-1,3-Dichloropropene	ND		625	625		ug/L		100	80 - 120	1	15
Trichloroethene	ND		625	627		ug/L		100	74 - 123	2	16
Trichlorofluoromethane	ND		625	691		ug/L		111	62 - 150	2	20
Vinyl chloride	ND		625	618		ug/L		99	65 - 133	4	15
cis-1,3-Dichloropropene	ND		625	655		ug/L		105	74 - 124	2	15
Styrene	ND		625	647		ug/L		103	80 - 120	1	20
tert-Butylbenzene	ND		625	648		ug/L		104	75 - 123	6	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: MB 480-746622/8

Matrix: Water

Analysis Batch: 746622

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-Trichloroethane	ND		1.0	0.82	ug/L			05/20/25 19:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/20/25 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/20/25 19:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/20/25 19:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/20/25 19:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/20/25 19:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/20/25 19:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/20/25 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/20/25 19:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/20/25 19:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/20/25 19:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/20/25 19:06	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: MB 480-746622/8

Matrix: Water

Analysis Batch: 746622

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/20/25 19:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/20/25 19:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/20/25 19:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/20/25 19:06	1
2-Hexanone	ND		5.0	1.2	ug/L			05/20/25 19:06	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			05/20/25 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/20/25 19:06	1
Acetone	ND		10	3.0	ug/L			05/20/25 19:06	1
Benzene	ND		1.0	0.41	ug/L			05/20/25 19:06	1
Bromoform	ND		1.0	0.26	ug/L			05/20/25 19:06	1
Bromomethane	ND		1.0	0.69	ug/L			05/20/25 19:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/20/25 19:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/20/25 19:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/20/25 19:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/20/25 19:06	1
Chloroethane	ND		1.0	0.32	ug/L			05/20/25 19:06	1
Chloroform	ND		1.0	0.34	ug/L			05/20/25 19:06	1
Chloromethane	ND		1.0	0.35	ug/L			05/20/25 19:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/20/25 19:06	1
Cyclohexane	ND		1.0	0.18	ug/L			05/20/25 19:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/20/25 19:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/20/25 19:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/20/25 19:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/20/25 19:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/20/25 19:06	1
Methyl acetate	ND		2.5	1.3	ug/L			05/20/25 19:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/20/25 19:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/20/25 19:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/20/25 19:06	1
m,p-Xylene	ND		2.0	0.66	ug/L			05/20/25 19:06	1
Naphthalene	ND		1.0	0.43	ug/L			05/20/25 19:06	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/20/25 19:06	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/20/25 19:06	1
o-Xylene	ND		1.0	0.76	ug/L			05/20/25 19:06	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/20/25 19:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/20/25 19:06	1
Toluene	ND		1.0	0.51	ug/L			05/20/25 19:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/20/25 19:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/20/25 19:06	1
Trichloroethene	ND		1.0	0.46	ug/L			05/20/25 19:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/20/25 19:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/20/25 19:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/20/25 19:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/20/25 19:06	1
Styrene	ND		1.0	0.73	ug/L			05/20/25 19:06	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/20/25 19:06	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: MB 480-746622/8
Matrix: Water
Analysis Batch: 746622

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		05/20/25 19:06	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/20/25 19:06	1
Toluene-d8 (Surr)	99		80 - 120		05/20/25 19:06	1
Dibromofluoromethane (Surr)	101		75 - 123		05/20/25 19:06	1

Lab Sample ID: LCS 480-746622/6
Matrix: Water
Analysis Batch: 746622

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-Trichloroethane	25.0	23.3		ug/L		93	73 - 126
1,1,1,2-Tetrachloroethane	25.0	20.9		ug/L		84	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.4		ug/L		86	61 - 148
1,1,2-Trichloroethane	25.0	21.2		ug/L		85	76 - 122
1,1-Dichloroethane	25.0	21.2		ug/L		85	77 - 120
1,1-Dichloroethene	25.0	20.3		ug/L		81	66 - 127
1,2,4-Trichlorobenzene	25.0	20.9		ug/L		84	79 - 122
1,2,4-Trimethylbenzene	25.0	21.7		ug/L		87	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.3		ug/L		89	56 - 134
1,2-Dichlorobenzene	25.0	21.1		ug/L		85	80 - 124
1,2-Dichloroethane	25.0	21.4		ug/L		86	75 - 120
1,2-Dichloropropane	25.0	21.5		ug/L		86	76 - 120
1,3,5-Trimethylbenzene	25.0	21.7		ug/L		87	77 - 121
1,3-Dichlorobenzene	25.0	20.3		ug/L		81	77 - 120
1,4-Dichlorobenzene	25.0	20.6		ug/L		82	80 - 120
2-Butanone (MEK)	125	112		ug/L		89	57 - 140
2-Hexanone	125	104		ug/L		83	65 - 127
4-Isopropyltoluene	25.0	22.1		ug/L		88	73 - 120
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		86	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	21.2		ug/L		85	71 - 124
Bromoform	25.0	23.7		ug/L		95	61 - 132
Bromomethane	25.0	26.5		ug/L		106	55 - 144
Carbon disulfide	25.0	20.6		ug/L		82	59 - 134
Carbon tetrachloride	25.0	25.2		ug/L		101	72 - 134
Chlorobenzene	25.0	21.1		ug/L		85	80 - 120
Dibromochloromethane	25.0	22.5		ug/L		90	75 - 125
Chloroethane	25.0	23.6		ug/L		94	69 - 136
Chloroform	25.0	21.1		ug/L		85	73 - 127
Chloromethane	25.0	22.6		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	21.6		ug/L		87	74 - 124
Cyclohexane	25.0	21.4		ug/L		85	59 - 135
Bromodichloromethane	25.0	22.3		ug/L		89	80 - 122
Dichlorodifluoromethane	25.0	21.1		ug/L		84	59 - 135
Ethylbenzene	25.0	21.1		ug/L		84	77 - 123
1,2-Dibromoethane	25.0	21.0		ug/L		84	77 - 120
Isopropylbenzene	25.0	21.6		ug/L		87	77 - 122
Methyl acetate	50.0	41.0		ug/L		82	74 - 133

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

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

Lab Sample ID: LCS 480-746622/6

Matrix: Water

Analysis Batch: 746622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	25.0	21.7		ug/L		87	77 - 120
Methylcyclohexane	25.0	21.3		ug/L		85	68 - 134
Methylene Chloride	25.0	22.3		ug/L		89	75 - 124
m,p-Xylene	25.0	21.5		ug/L		86	76 - 122
Naphthalene	25.0	21.2		ug/L		85	66 - 125
n-Butylbenzene	25.0	21.7		ug/L		87	71 - 128
N-Propylbenzene	25.0	21.3		ug/L		85	75 - 127
o-Xylene	25.0	21.2		ug/L		85	76 - 122
sec-Butylbenzene	25.0	22.1		ug/L		88	74 - 127
Tetrachloroethene	25.0	21.5		ug/L		86	74 - 122
Toluene	25.0	21.3		ug/L		85	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	21.9		ug/L		88	80 - 120
Trichloroethene	25.0	20.7		ug/L		83	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 150
Vinyl chloride	25.0	23.9		ug/L		95	65 - 133
cis-1,3-Dichloropropene	25.0	22.4		ug/L		90	74 - 124
Styrene	25.0	21.3		ug/L		85	80 - 120
tert-Butylbenzene	25.0	22.3		ug/L		89	75 - 123

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

GC/MS VOA

Analysis Batch: 746503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229495-1	Post Carbon 2	Total/NA	Water	8260C	
480-229495-3	Outside Sump	Total/NA	Water	8260C	
MB 480-746503/8	Method Blank	Total/NA	Water	8260C	
LCS 480-746503/6	Lab Control Sample	Total/NA	Water	8260C	
480-229495-3 MS	Outside Sump	Total/NA	Water	8260C	
480-229495-3 MSD	Outside Sump	Total/NA	Water	8260C	

Analysis Batch: 746622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229495-2	Pre-Carbon	Total/NA	Water	8260C	
MB 480-746622/8	Method Blank	Total/NA	Water	8260C	
LCS 480-746622/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Client Sample ID: Post Carbon 2

Date Collected: 05/16/25 15:20

Date Received: 05/16/25 16:10

Lab Sample ID: 480-229495-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	746503	AXK	EET BUF	05/20/25 02:32

Client Sample ID: Pre-Carbon

Date Collected: 05/16/25 15:15

Date Received: 05/16/25 16:10

Lab Sample ID: 480-229495-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	746622	AXK	EET BUF	05/21/25 00:23

Client Sample ID: Outside Sump

Date Collected: 05/16/25 15:25

Date Received: 05/16/25 16:10

Lab Sample ID: 480-229495-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		25	746503	AXK	EET BUF	05/20/25 03:16

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-229495-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-229495-1	Post Carbon 2	Water	05/16/25 15:20	05/16/25 16:10
480-229495-2	Pre-Carbon	Water	05/16/25 15:15	05/16/25 16:10
480-229495-3	Outside Sump	Water	05/16/25 15:25	05/16/25 16:10

1

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CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION					REQUESTED ANALYSIS (see Test Code sheet)														
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com			Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056531					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																			
Sampler(s) Name: J. Osborn			Sampler(s) Name:					number of preserved bottles					8260 (TCL + CP51)														
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE											DI Water	MEOH	ENCORE	Amber	
	Post Carbon 2	G	5/16	1520	JO	WG	3	3																			X
	Pre-Carbon	G	↓	1515	JO	WG	3	3																			X
	Outside Sump	G	↓	1525	JO	WG	3	3									X										



Turnaround Time (Business Days)

Standard 14 days

1 day RUSH

Other _____ days

Lab PM Approval / Date

_____/_____/_____
 _____/_____/_____

Laboratory Information

Lab: Eurofins
 Address: 10 Hazelwood Dr. Amherst, NY 14228
 Phone: 716-691-2600
 Lab PM: John Beninati
 Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

Commercial 'A' (Level 1) = Results Only

Commercial 'B' (Level 2) = Results + QC Summary

FULLT1 (Level 3 & 4)

NJ Reduced = Results + QC Summary + Partial Raw Data

Commercial 'C'

NJ Data of Known Quality Protocol Reporting

NYASP Category A

NYASP Category B

State Forms

EDD Format NYSDEC EQuis

Other _____

Please Email the EQ EDD Package to ges@equisonline.com
 EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.

Relinquished By Sampler: 1 J. Osborn	Date / Time: 1 5/16/25 1610	Received By: 1 Lynn TAB 5-16-25 1610
Relinquished By: 2	Date / Time: 2	Received By: 2
Relinquished By: 3	Date / Time: 3	Received By: 3

Custody Seal Number: Intact Preserved where applicable Not Intact On Ice Cooler Temp 16.4 IR#SC/00

Page 27 of 28

5/22/2025



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-229495-1

Login Number: 229495

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

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	16.4 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Groundwater & Environmental Services
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 6/25/2025 3:23:52 PM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-230416-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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6/25/2025 3:23:52 PM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25



Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-230416-1

Job ID: 480-230416-1

Eurofins Buffalo

Job Narrative 480-230416-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/18/2025 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 16.3°C.

GC/MS VOA

Method 8260C: The method blank for analytical batch 480-749319 contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed. The following associated samples are impacted: Post-Carbon 2 (480-230416-1), Pre-Carbon (480-230416-2) and Outside Sumo (480-230416-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-749319 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: Post-Carbon 2 (480-230416-1), Pre-Carbon (480-230416-2) and Outside Sumo (480-230416-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-749905 recovered above the upper control limit for Carbon tetrachloride, Vinyl chloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: Outside Sumo (480-230416-3).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Outside Sumo (480-230416-3). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-230416-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	3.6		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230416-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	0.68	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chloroform	5.4		1.0	0.34	ug/L	1		8260C	Total/NA
Ethylbenzene	3.2		1.0	0.74	ug/L	1		8260C	Total/NA
m,p-Xylene	4.9		2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	5.1		1.0	0.43	ug/L	1		8260C	Total/NA
o-Xylene	1.3		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	6.2		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: Outside Sumo

Lab Sample ID: 480-230416-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2300		40	16	ug/L	40		8260C	Total/NA
Ethylbenzene	110		40	30	ug/L	40		8260C	Total/NA
m,p-Xylene	52	J	80	26	ug/L	40		8260C	Total/NA
Naphthalene	240		40	17	ug/L	40		8260C	Total/NA
o-Xylene	32	J	40	30	ug/L	40		8260C	Total/NA
Toluene	170		40	20	ug/L	40		8260C	Total/NA
Xylenes, Total	84		80	26	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-230416-1

Date Collected: 06/18/25 10:10

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/19/25 14:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/25 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/25 14:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/25 14:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/25 14:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/25 14:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/25 14:53	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/19/25 14:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/25 14:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/25 14:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/25 14:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/25 14:53	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/19/25 14:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/25 14:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/25 14:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/25 14:53	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/25 14:53	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			06/19/25 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/25 14:53	1
Acetone	ND		10	3.0	ug/L			06/19/25 14:53	1
Benzene	ND		1.0	0.41	ug/L			06/19/25 14:53	1
Bromoform	ND		1.0	0.26	ug/L			06/19/25 14:53	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/25 14:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/25 14:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/25 14:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/25 14:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/25 14:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/25 14:53	1
Chloroform	3.6		1.0	0.34	ug/L			06/19/25 14:53	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/25 14:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/25 14:53	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/25 14:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/25 14:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/25 14:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/25 14:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/25 14:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/25 14:53	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/25 14:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/25 14:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/25 14:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/25 14:53	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/19/25 14:53	1
Naphthalene	ND		1.0	0.43	ug/L			06/19/25 14:53	1
n-Butylbenzene	ND		1.0	0.64	ug/L			06/19/25 14:53	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/19/25 14:53	1
o-Xylene	ND		1.0	0.76	ug/L			06/19/25 14:53	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/19/25 14:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/25 14:53	1
Toluene	ND		1.0	0.51	ug/L			06/19/25 14:53	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-230416-1

Date Collected: 06/18/25 10:10

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/25 14:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/25 14:53	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/25 14:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/25 14:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/25 14:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/25 14:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/25 14:53	1
Styrene	ND		1.0	0.73	ug/L			06/19/25 14:53	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/19/25 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					06/19/25 14:53	1
4-Bromofluorobenzene (Surr)	110		73 - 120					06/19/25 14:53	1
Toluene-d8 (Surr)	103		80 - 120					06/19/25 14:53	1
Dibromofluoromethane (Surr)	110		75 - 123					06/19/25 14:53	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230416-2

Date Collected: 06/18/25 10:15

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/19/25 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/25 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/25 15:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/25 15:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/25 15:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/25 15:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/25 15:15	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/19/25 15:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/25 15:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/25 15:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/25 15:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/25 15:15	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/19/25 15:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/25 15:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/25 15:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/25 15:15	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/25 15:15	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			06/19/25 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/25 15:15	1
Acetone	3.3	J	10	3.0	ug/L			06/19/25 15:15	1
Benzene	0.68	J	1.0	0.41	ug/L			06/19/25 15:15	1
Bromoform	ND		1.0	0.26	ug/L			06/19/25 15:15	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/25 15:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/25 15:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/25 15:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/25 15:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/25 15:15	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/25 15:15	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230416-2

Date Collected: 06/18/25 10:15

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	5.4		1.0	0.34	ug/L			06/19/25 15:15	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/25 15:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/25 15:15	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/25 15:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/25 15:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/25 15:15	1
Ethylbenzene	3.2		1.0	0.74	ug/L			06/19/25 15:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/25 15:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/25 15:15	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/25 15:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/25 15:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/25 15:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/19/25 15:15	1
m,p-Xylene	4.9		2.0	0.66	ug/L			06/19/25 15:15	1
Naphthalene	5.1		1.0	0.43	ug/L			06/19/25 15:15	1
n-Butylbenzene	ND		1.0	0.64	ug/L			06/19/25 15:15	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/19/25 15:15	1
o-Xylene	1.3		1.0	0.76	ug/L			06/19/25 15:15	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/19/25 15:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/25 15:15	1
Toluene	ND		1.0	0.51	ug/L			06/19/25 15:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/25 15:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/25 15:15	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/25 15:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/25 15:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/25 15:15	1
Xylenes, Total	6.2		2.0	0.66	ug/L			06/19/25 15:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/25 15:15	1
Styrene	ND		1.0	0.73	ug/L			06/19/25 15:15	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/19/25 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		06/19/25 15:15	1
4-Bromofluorobenzene (Surr)	109		73 - 120		06/19/25 15:15	1
Toluene-d8 (Surr)	104		80 - 120		06/19/25 15:15	1
Dibromofluoromethane (Surr)	110		75 - 123		06/19/25 15:15	1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-230416-3

Date Collected: 06/18/25 10:20

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			06/25/25 00:38	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			06/25/25 00:38	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			06/25/25 00:38	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			06/25/25 00:38	40
1,1-Dichloroethane	ND		40	15	ug/L			06/25/25 00:38	40
1,1-Dichloroethene	ND		40	12	ug/L			06/25/25 00:38	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			06/25/25 00:38	40

Euromins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-230416-3

Date Collected: 06/18/25 10:20

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		40	30	ug/L			06/25/25 00:38	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			06/25/25 00:38	40
1,2-Dichlorobenzene	ND		40	32	ug/L			06/25/25 00:38	40
1,2-Dichloroethane	ND		40	8.4	ug/L			06/25/25 00:38	40
1,2-Dichloropropane	ND		40	29	ug/L			06/25/25 00:38	40
1,3,5-Trimethylbenzene	ND		40	31	ug/L			06/25/25 00:38	40
1,3-Dichlorobenzene	ND		40	31	ug/L			06/25/25 00:38	40
1,4-Dichlorobenzene	ND		40	34	ug/L			06/25/25 00:38	40
2-Butanone (MEK)	ND		400	53	ug/L			06/25/25 00:38	40
2-Hexanone	ND		200	50	ug/L			06/25/25 00:38	40
4-Isopropyltoluene	ND		40	12	ug/L			06/25/25 00:38	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			06/25/25 00:38	40
Acetone	ND		400	120	ug/L			06/25/25 00:38	40
Benzene	2300		40	16	ug/L			06/25/25 00:38	40
Bromoform	ND		40	10	ug/L			06/25/25 00:38	40
Bromomethane	ND		40	28	ug/L			06/25/25 00:38	40
Carbon disulfide	ND		40	7.6	ug/L			06/25/25 00:38	40
Carbon tetrachloride	ND		40	11	ug/L			06/25/25 00:38	40
Chlorobenzene	ND		40	30	ug/L			06/25/25 00:38	40
Dibromochloromethane	ND		40	13	ug/L			06/25/25 00:38	40
Chloroethane	ND		40	13	ug/L			06/25/25 00:38	40
Chloroform	ND		40	14	ug/L			06/25/25 00:38	40
Chloromethane	ND		40	14	ug/L			06/25/25 00:38	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			06/25/25 00:38	40
Cyclohexane	ND		40	7.2	ug/L			06/25/25 00:38	40
Bromodichloromethane	ND		40	16	ug/L			06/25/25 00:38	40
Dichlorodifluoromethane	ND		40	27	ug/L			06/25/25 00:38	40
Ethylbenzene	110		40	30	ug/L			06/25/25 00:38	40
1,2-Dibromoethane	ND		40	29	ug/L			06/25/25 00:38	40
Isopropylbenzene	ND		40	32	ug/L			06/25/25 00:38	40
Methyl acetate	ND		100	52	ug/L			06/25/25 00:38	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			06/25/25 00:38	40
Methylcyclohexane	ND		40	6.4	ug/L			06/25/25 00:38	40
Methylene Chloride	ND		40	18	ug/L			06/25/25 00:38	40
m,p-Xylene	52 J		80	26	ug/L			06/25/25 00:38	40
Naphthalene	240		40	17	ug/L			06/25/25 00:38	40
n-Butylbenzene	ND		40	26	ug/L			06/25/25 00:38	40
N-Propylbenzene	ND		40	28	ug/L			06/25/25 00:38	40
o-Xylene	32 J		40	30	ug/L			06/25/25 00:38	40
sec-Butylbenzene	ND		40	30	ug/L			06/25/25 00:38	40
Tetrachloroethene	ND		40	14	ug/L			06/25/25 00:38	40
Toluene	170		40	20	ug/L			06/25/25 00:38	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			06/25/25 00:38	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			06/25/25 00:38	40
Trichloroethene	ND		40	18	ug/L			06/25/25 00:38	40
Trichlorofluoromethane	ND		40	35	ug/L			06/25/25 00:38	40
Vinyl chloride	ND		40	36	ug/L			06/25/25 00:38	40
Xylenes, Total	84		80	26	ug/L			06/25/25 00:38	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			06/25/25 00:38	40

Euromins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-230416-3

Date Collected: 06/18/25 10:20

Matrix: Water

Date Received: 06/18/25 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		40	29	ug/L			06/25/25 00:38	40
tert-Butylbenzene	ND		40	32	ug/L			06/25/25 00:38	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		06/25/25 00:38	40
4-Bromofluorobenzene (Surr)	115		73 - 120		06/25/25 00:38	40
Toluene-d8 (Surr)	101		80 - 120		06/25/25 00:38	40
Dibromofluoromethane (Surr)	113		75 - 123		06/25/25 00:38	40

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-230416-1	Post-Carbon 2	109	110	103	110
480-230416-2	Pre-Carbon	114	109	104	110
480-230416-3	Outside Sumo	112	115	101	113
LCS 480-749319/6	Lab Control Sample	105	111	104	106
LCS 480-749905/6	Lab Control Sample	106	110	103	104
MB 480-749319/8	Method Blank	109	110	102	110
MB 480-749905/8	Method Blank	106	111	103	109

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: MB 480-749319/8
Matrix: Water
Analysis Batch: 749319

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/19/25 09:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/19/25 09:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/19/25 09:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/19/25 09:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/19/25 09:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/19/25 09:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/19/25 09:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/19/25 09:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/19/25 09:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/19/25 09:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/19/25 09:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/19/25 09:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/19/25 09:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/19/25 09:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/19/25 09:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/19/25 09:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/19/25 09:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			06/19/25 09:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/19/25 09:17	1
Acetone	ND		10	3.0	ug/L			06/19/25 09:17	1
Benzene	ND		1.0	0.41	ug/L			06/19/25 09:17	1
Bromoform	ND		1.0	0.26	ug/L			06/19/25 09:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/19/25 09:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/19/25 09:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/19/25 09:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/19/25 09:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/19/25 09:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/19/25 09:17	1
Chloroform	ND		1.0	0.34	ug/L			06/19/25 09:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/19/25 09:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/19/25 09:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/19/25 09:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/19/25 09:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/19/25 09:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/19/25 09:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/19/25 09:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/19/25 09:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/19/25 09:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/19/25 09:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/19/25 09:17	1
Methylene Chloride	1.32		1.0	0.44	ug/L			06/19/25 09:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/19/25 09:17	1
Naphthalene	ND		1.0	0.43	ug/L			06/19/25 09:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			06/19/25 09:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/19/25 09:17	1
o-Xylene	ND		1.0	0.76	ug/L			06/19/25 09:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/19/25 09:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/19/25 09:17	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: MB 480-749319/8
Matrix: Water
Analysis Batch: 749319

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			06/19/25 09:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/19/25 09:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/19/25 09:17	1
Trichloroethene	ND		1.0	0.46	ug/L			06/19/25 09:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/19/25 09:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/19/25 09:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/19/25 09:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/19/25 09:17	1
Styrene	ND		1.0	0.73	ug/L			06/19/25 09:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/19/25 09:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		06/19/25 09:17	1
4-Bromofluorobenzene (Surr)	110		73 - 120		06/19/25 09:17	1
Toluene-d8 (Surr)	102		80 - 120		06/19/25 09:17	1
Dibromofluoromethane (Surr)	110		75 - 123		06/19/25 09:17	1

Lab Sample ID: LCS 480-749319/6
Matrix: Water
Analysis Batch: 749319

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-Trichloroethane	25.0	26.2		ug/L		105	73 - 126
1,1,1,2-Tetrachloroethane	25.0	19.4		ug/L		78	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.5		ug/L		90	61 - 148
1,1,2-Trichloroethane	25.0	22.4		ug/L		89	76 - 122
1,1-Dichloroethane	25.0	21.7		ug/L		87	77 - 120
1,1-Dichloroethene	25.0	21.3		ug/L		85	66 - 127
1,2,4-Trichlorobenzene	25.0	23.7		ug/L		95	79 - 122
1,2,4-Trimethylbenzene	25.0	21.6		ug/L		86	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		96	56 - 134
1,2-Dichlorobenzene	25.0	22.6		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	22.9		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	22.2		ug/L		89	76 - 120
1,3,5-Trimethylbenzene	25.0	21.4		ug/L		86	77 - 121
1,3-Dichlorobenzene	25.0	21.1		ug/L		85	77 - 120
1,4-Dichlorobenzene	25.0	22.0		ug/L		88	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Isopropyltoluene	25.0	22.1		ug/L		88	73 - 120
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	157		ug/L		125	56 - 142
Benzene	25.0	22.4		ug/L		90	71 - 124
Bromoform	25.0	25.9		ug/L		104	61 - 132
Bromomethane	25.0	26.7		ug/L		107	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	28.6		ug/L		114	72 - 134
Chlorobenzene	25.0	22.7		ug/L		91	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: LCS 480-749319/6
Matrix: Water
Analysis Batch: 749319

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	24.0		ug/L		96	75 - 125
Chloroethane	25.0	23.9		ug/L		96	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	18.9		ug/L		76	68 - 124
cis-1,2-Dichloroethene	25.0	22.2		ug/L		89	74 - 124
Cyclohexane	25.0	21.7		ug/L		87	59 - 135
Bromodichloromethane	25.0	22.8		ug/L		91	80 - 122
Dichlorodifluoromethane	25.0	17.1		ug/L		69	59 - 135
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
1,2-Dibromoethane	25.0	22.7		ug/L		91	77 - 120
Isopropylbenzene	25.0	20.6		ug/L		82	77 - 122
Methyl acetate	50.0	45.0		ug/L		90	74 - 133
Methyl tert-butyl ether	25.0	21.9		ug/L		88	77 - 120
Methylcyclohexane	25.0	22.4		ug/L		90	68 - 134
Methylene Chloride	25.0	24.5		ug/L		98	75 - 124
m,p-Xylene	25.0	23.2		ug/L		93	76 - 122
Naphthalene	25.0	23.9		ug/L		95	66 - 125
n-Butylbenzene	25.0	22.3		ug/L		89	71 - 128
N-Propylbenzene	25.0	21.0		ug/L		84	75 - 127
o-Xylene	25.0	22.4		ug/L		89	76 - 122
sec-Butylbenzene	25.0	21.6		ug/L		86	74 - 127
Tetrachloroethene	25.0	23.5		ug/L		94	74 - 122
Toluene	25.0	22.1		ug/L		88	80 - 122
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	22.1		ug/L		88	80 - 120
Trichloroethene	25.0	24.1		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	29.9		ug/L		120	62 - 150
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
cis-1,3-Dichloropropene	25.0	22.2		ug/L		89	74 - 124
Styrene	25.0	23.5		ug/L		94	80 - 120
tert-Butylbenzene	25.0	22.1		ug/L		88	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	111		73 - 120
Toluene-d8 (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Lab Sample ID: MB 480-749905/8
Matrix: Water
Analysis Batch: 749905

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-Trichloroethane	ND		1.0	0.82	ug/L			06/24/25 18:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/25 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/25 18:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/25 18:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/25 18:57	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: MB 480-749905/8
Matrix: Water
Analysis Batch: 749905

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/25 18:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/25 18:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/24/25 18:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/25 18:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/25 18:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/25 18:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/25 18:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/24/25 18:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/25 18:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/25 18:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/25 18:57	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/25 18:57	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			06/24/25 18:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/25 18:57	1
Acetone	ND		10	3.0	ug/L			06/24/25 18:57	1
Benzene	ND		1.0	0.41	ug/L			06/24/25 18:57	1
Bromoform	ND		1.0	0.26	ug/L			06/24/25 18:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/25 18:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/25 18:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/25 18:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/25 18:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/25 18:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/25 18:57	1
Chloroform	ND		1.0	0.34	ug/L			06/24/25 18:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/25 18:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/25 18:57	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/25 18:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/25 18:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/25 18:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/25 18:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/25 18:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/25 18:57	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/25 18:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/25 18:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/25 18:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/25 18:57	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/24/25 18:57	1
Naphthalene	ND		1.0	0.43	ug/L			06/24/25 18:57	1
n-Butylbenzene	ND		1.0	0.64	ug/L			06/24/25 18:57	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/24/25 18:57	1
o-Xylene	ND		1.0	0.76	ug/L			06/24/25 18:57	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/24/25 18:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/25 18:57	1
Toluene	ND		1.0	0.51	ug/L			06/24/25 18:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/25 18:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/25 18:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/25 18:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/25 18:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/25 18:57	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: MB 480-749905/8
Matrix: Water
Analysis Batch: 749905

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/25 18:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/25 18:57	1
Styrene	ND		1.0	0.73	ug/L			06/24/25 18:57	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/24/25 18:57	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/24/25 18:57	1
4-Bromofluorobenzene (Surr)	111		73 - 120		06/24/25 18:57	1
Toluene-d8 (Surr)	103		80 - 120		06/24/25 18:57	1
Dibromofluoromethane (Surr)	109		75 - 123		06/24/25 18:57	1

Lab Sample ID: LCS 480-749905/6
Matrix: Water
Analysis Batch: 749905

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,1,2-Tetrachloroethane	25.0	20.8		ug/L		83	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.2		ug/L		85	61 - 148
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	76 - 122
1,1-Dichloroethane	25.0	21.2		ug/L		85	77 - 120
1,1-Dichloroethene	25.0	19.8		ug/L		79	66 - 127
1,2,4-Trichlorobenzene	25.0	22.4		ug/L		90	79 - 122
1,2,4-Trimethylbenzene	25.0	20.5		ug/L		82	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	56 - 134
1,2-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 124
1,2-Dichloroethane	25.0	22.1		ug/L		88	75 - 120
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
1,3,5-Trimethylbenzene	25.0	20.6		ug/L		82	77 - 121
1,3-Dichlorobenzene	25.0	20.5		ug/L		82	77 - 120
1,4-Dichlorobenzene	25.0	21.2		ug/L		85	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Isopropyltoluene	25.0	21.6		ug/L		86	73 - 120
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		90	71 - 125
Acetone	125	157		ug/L		126	56 - 142
Benzene	25.0	21.4		ug/L		86	71 - 124
Bromoform	25.0	28.1		ug/L		112	61 - 132
Bromomethane	25.0	26.4		ug/L		105	55 - 144
Carbon disulfide	25.0	19.7		ug/L		79	59 - 134
Carbon tetrachloride	25.0	28.0		ug/L		112	72 - 134
Chlorobenzene	25.0	21.7		ug/L		87	80 - 120
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Chloroethane	25.0	20.2		ug/L		81	69 - 136
Chloroform	25.0	21.8		ug/L		87	73 - 127
Chloromethane	25.0	22.2		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	21.2		ug/L		85	74 - 124
Cyclohexane	25.0	20.5		ug/L		82	59 - 135

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

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

Lab Sample ID: LCS 480-749905/6
Matrix: Water
Analysis Batch: 749905

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Dichlorodifluoromethane	25.0	23.5		ug/L		94	59 - 135
Ethylbenzene	25.0	21.4		ug/L		86	77 - 123
1,2-Dibromoethane	25.0	22.1		ug/L		88	77 - 120
Isopropylbenzene	25.0	20.0		ug/L		80	77 - 122
Methyl acetate	50.0	43.7		ug/L		87	74 - 133
Methyl tert-butyl ether	25.0	20.9		ug/L		84	77 - 120
Methylcyclohexane	25.0	22.1		ug/L		89	68 - 134
Methylene Chloride	25.0	21.5		ug/L		86	75 - 124
m,p-Xylene	25.0	21.5		ug/L		86	76 - 122
Naphthalene	25.0	22.4		ug/L		90	66 - 125
n-Butylbenzene	25.0	21.9		ug/L		88	71 - 128
N-Propylbenzene	25.0	20.6		ug/L		82	75 - 127
o-Xylene	25.0	20.9		ug/L		84	76 - 122
sec-Butylbenzene	25.0	20.8		ug/L		83	74 - 127
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122
Toluene	25.0	21.5		ug/L		86	80 - 122
trans-1,2-Dichloroethene	25.0	21.6		ug/L		86	73 - 127
trans-1,3-Dichloropropene	25.0	23.1		ug/L		92	80 - 120
Trichloroethene	25.0	22.0		ug/L		88	74 - 123
Trichlorofluoromethane	25.0	30.8		ug/L		123	62 - 150
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	74 - 124
Styrene	25.0	22.0		ug/L		88	80 - 120
tert-Butylbenzene	25.0	21.1		ug/L		85	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	110		73 - 120
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

GC/MS VOA

Analysis Batch: 749319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230416-1	Post-Carbon 2	Total/NA	Water	8260C	
480-230416-2	Pre-Carbon	Total/NA	Water	8260C	
MB 480-749319/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749319/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 749905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230416-3	Outside Sumo	Total/NA	Water	8260C	
MB 480-749905/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749905/6	Lab Control Sample	Total/NA	Water	8260C	

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Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Client Sample ID: Post-Carbon 2

Date Collected: 06/18/25 10:10

Date Received: 06/18/25 11:00

Lab Sample ID: 480-230416-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749319	AXK	EET BUF	06/19/25 14:53

Client Sample ID: Pre-Carbon

Date Collected: 06/18/25 10:15

Date Received: 06/18/25 11:00

Lab Sample ID: 480-230416-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749319	AXK	EET BUF	06/19/25 15:15

Client Sample ID: Outside Sumo

Date Collected: 06/18/25 10:20

Date Received: 06/18/25 11:00

Lab Sample ID: 480-230416-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	749905	LCH	EET BUF	06/25/25 00:38

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

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Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

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Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230416-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-230416-1	Post-Carbon 2	Water	06/18/25 10:10	06/18/25 11:00
480-230416-2	Pre-Carbon	Water	06/18/25 10:15	06/18/25 11:00
480-230416-3	Outside Sumo	Water	06/18/25 10:20	06/18/25 11:00

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-230416-1

Login Number: 230416

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

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	16.3 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Groundwater & Environmental Services
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 7/10/2025 11:14:23 PM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-230889-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-230889-1

Job ID: 480-230889-1

Eurofins Buffalo

Job Narrative 480-230889-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/9/2025 4:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Outside Sump (480-230889-3), (480-230889-A-3 MS) and (480-230889-A-3 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 751226 recovered outside acceptance criteria, low biased, for Chlorodibromomethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are: Post Carbon 2 (480-230889-1), Pre-Carbon (480-230889-2) and Outside Sump (480-230889-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 751226 recovered above the upper control limit for Vinyl chloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: Post Carbon 2 (480-230889-1), Pre-Carbon (480-230889-2) and Outside Sump (480-230889-3).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-751226 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: (480-230889-A-3 MS) and (480-230889-A-3 MSD).

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-230889-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroform	3.1		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230889-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.8		1.0	0.75	ug/L	1		8260C	Total/NA
Acetone	20		10	3.0	ug/L	1		8260C	Total/NA
Benzene	33		1.0	0.41	ug/L	1		8260C	Total/NA
Chloroform	3.8		1.0	0.34	ug/L	1		8260C	Total/NA
Chloromethane	0.48	J	1.0	0.35	ug/L	1		8260C	Total/NA
Ethylbenzene	1.6		1.0	0.74	ug/L	1		8260C	Total/NA
m,p-Xylene	14		2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	12		1.0	0.43	ug/L	1		8260C	Total/NA
o-Xylene	6.1		1.0	0.76	ug/L	1		8260C	Total/NA
Toluene	3.1		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	20		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-230889-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2500	F1	40	16	ug/L	40		8260C	Total/NA
Ethylbenzene	100		40	30	ug/L	40		8260C	Total/NA
m,p-Xylene	49	J	80	26	ug/L	40		8260C	Total/NA
Naphthalene	150		40	17	ug/L	40		8260C	Total/NA
o-Xylene	32	J	40	30	ug/L	40		8260C	Total/NA
Toluene	130		40	20	ug/L	40		8260C	Total/NA
Xylenes, Total	81		80	26	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-230889-1

Date Collected: 07/08/25 16:10

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/25 03:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/10/25 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/25 03:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/25 03:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/25 03:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/25 03:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/25 03:46	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			07/10/25 03:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/25 03:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/25 03:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/25 03:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/25 03:46	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			07/10/25 03:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/25 03:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/25 03:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/25 03:46	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/25 03:46	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			07/10/25 03:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/25 03:46	1
Acetone	4.1	J	10	3.0	ug/L			07/10/25 03:46	1
Benzene	ND		1.0	0.41	ug/L			07/10/25 03:46	1
Bromoform	ND		1.0	0.26	ug/L			07/10/25 03:46	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/25 03:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/25 03:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/25 03:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/25 03:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/25 03:46	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/25 03:46	1
Chloroform	3.1		1.0	0.34	ug/L			07/10/25 03:46	1
Chloromethane	ND		1.0	0.35	ug/L			07/10/25 03:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/25 03:46	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/25 03:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/10/25 03:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/25 03:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/10/25 03:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/10/25 03:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/10/25 03:46	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/25 03:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/10/25 03:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/25 03:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/25 03:46	1
m,p-Xylene	ND		2.0	0.66	ug/L			07/10/25 03:46	1
Naphthalene	ND		1.0	0.43	ug/L			07/10/25 03:46	1
n-Butylbenzene	ND		1.0	0.64	ug/L			07/10/25 03:46	1
N-Propylbenzene	ND		1.0	0.69	ug/L			07/10/25 03:46	1
o-Xylene	ND		1.0	0.76	ug/L			07/10/25 03:46	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			07/10/25 03:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/10/25 03:46	1
Toluene	ND		1.0	0.51	ug/L			07/10/25 03:46	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-230889-1

Date Collected: 07/08/25 16:10

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/25 03:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/10/25 03:46	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/25 03:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/25 03:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/25 03:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/10/25 03:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/25 03:46	1
Styrene	ND		1.0	0.73	ug/L			07/10/25 03:46	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			07/10/25 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		07/10/25 03:46	1
4-Bromofluorobenzene (Surr)	89		73 - 120		07/10/25 03:46	1
Toluene-d8 (Surr)	102		80 - 120		07/10/25 03:46	1
Dibromofluoromethane (Surr)	83		75 - 123		07/10/25 03:46	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230889-2

Date Collected: 07/08/25 16:20

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/25 04:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/10/25 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/25 04:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/25 04:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/25 04:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/25 04:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/25 04:10	1
1,2,4-Trimethylbenzene	1.8		1.0	0.75	ug/L			07/10/25 04:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/25 04:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/25 04:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/25 04:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/25 04:10	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			07/10/25 04:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/25 04:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/25 04:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/25 04:10	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/25 04:10	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			07/10/25 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/25 04:10	1
Acetone	20		10	3.0	ug/L			07/10/25 04:10	1
Benzene	33		1.0	0.41	ug/L			07/10/25 04:10	1
Bromoform	ND		1.0	0.26	ug/L			07/10/25 04:10	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/25 04:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/25 04:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/25 04:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/25 04:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/25 04:10	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/25 04:10	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230889-2

Date Collected: 07/08/25 16:20

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	3.8		1.0	0.34	ug/L			07/10/25 04:10	1
Chloromethane	0.48	J	1.0	0.35	ug/L			07/10/25 04:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/25 04:10	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/25 04:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/10/25 04:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/25 04:10	1
Ethylbenzene	1.6		1.0	0.74	ug/L			07/10/25 04:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/10/25 04:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/10/25 04:10	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/25 04:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/10/25 04:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/25 04:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/25 04:10	1
m,p-Xylene	14		2.0	0.66	ug/L			07/10/25 04:10	1
Naphthalene	12		1.0	0.43	ug/L			07/10/25 04:10	1
n-Butylbenzene	ND		1.0	0.64	ug/L			07/10/25 04:10	1
N-Propylbenzene	ND		1.0	0.69	ug/L			07/10/25 04:10	1
o-Xylene	6.1		1.0	0.76	ug/L			07/10/25 04:10	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			07/10/25 04:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/10/25 04:10	1
Toluene	3.1		1.0	0.51	ug/L			07/10/25 04:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/25 04:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/10/25 04:10	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/25 04:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/25 04:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/25 04:10	1
Xylenes, Total	20		2.0	0.66	ug/L			07/10/25 04:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/25 04:10	1
Styrene	ND		1.0	0.73	ug/L			07/10/25 04:10	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			07/10/25 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		07/10/25 04:10	1
4-Bromofluorobenzene (Surr)	84		73 - 120		07/10/25 04:10	1
Toluene-d8 (Surr)	97		80 - 120		07/10/25 04:10	1
Dibromofluoromethane (Surr)	85		75 - 123		07/10/25 04:10	1

Client Sample ID: Outside Sump

Lab Sample ID: 480-230889-3

Date Collected: 07/08/25 16:30

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			07/10/25 04:33	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			07/10/25 04:33	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			07/10/25 04:33	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			07/10/25 04:33	40
1,1-Dichloroethane	ND		40	15	ug/L			07/10/25 04:33	40
1,1-Dichloroethene	ND		40	12	ug/L			07/10/25 04:33	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			07/10/25 04:33	40

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-230889-3

Date Collected: 07/08/25 16:30

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		40	30	ug/L			07/10/25 04:33	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			07/10/25 04:33	40
1,2-Dichlorobenzene	ND		40	32	ug/L			07/10/25 04:33	40
1,2-Dichloroethane	ND		40	8.4	ug/L			07/10/25 04:33	40
1,2-Dichloropropane	ND		40	29	ug/L			07/10/25 04:33	40
1,3,5-Trimethylbenzene	ND		40	31	ug/L			07/10/25 04:33	40
1,3-Dichlorobenzene	ND		40	31	ug/L			07/10/25 04:33	40
1,4-Dichlorobenzene	ND		40	34	ug/L			07/10/25 04:33	40
2-Butanone (MEK)	ND		400	53	ug/L			07/10/25 04:33	40
2-Hexanone	ND		200	50	ug/L			07/10/25 04:33	40
4-Isopropyltoluene	ND		40	12	ug/L			07/10/25 04:33	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			07/10/25 04:33	40
Acetone	ND		400	120	ug/L			07/10/25 04:33	40
Benzene	2500	F1	40	16	ug/L			07/10/25 04:33	40
Bromoform	ND		40	10	ug/L			07/10/25 04:33	40
Bromomethane	ND		40	28	ug/L			07/10/25 04:33	40
Carbon disulfide	ND		40	7.6	ug/L			07/10/25 04:33	40
Carbon tetrachloride	ND		40	11	ug/L			07/10/25 04:33	40
Chlorobenzene	ND		40	30	ug/L			07/10/25 04:33	40
Dibromochloromethane	ND	F1	40	13	ug/L			07/10/25 04:33	40
Chloroethane	ND		40	13	ug/L			07/10/25 04:33	40
Chloroform	ND		40	14	ug/L			07/10/25 04:33	40
Chloromethane	ND		40	14	ug/L			07/10/25 04:33	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			07/10/25 04:33	40
Cyclohexane	ND		40	7.2	ug/L			07/10/25 04:33	40
Bromodichloromethane	ND		40	16	ug/L			07/10/25 04:33	40
Dichlorodifluoromethane	ND		40	27	ug/L			07/10/25 04:33	40
Ethylbenzene	100		40	30	ug/L			07/10/25 04:33	40
1,2-Dibromoethane	ND		40	29	ug/L			07/10/25 04:33	40
Isopropylbenzene	ND		40	32	ug/L			07/10/25 04:33	40
Methyl acetate	ND	F1	100	52	ug/L			07/10/25 04:33	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			07/10/25 04:33	40
Methylcyclohexane	ND		40	6.4	ug/L			07/10/25 04:33	40
Methylene Chloride	ND		40	18	ug/L			07/10/25 04:33	40
m,p-Xylene	49	J	80	26	ug/L			07/10/25 04:33	40
Naphthalene	150		40	17	ug/L			07/10/25 04:33	40
n-Butylbenzene	ND		40	26	ug/L			07/10/25 04:33	40
N-Propylbenzene	ND		40	28	ug/L			07/10/25 04:33	40
o-Xylene	32	J	40	30	ug/L			07/10/25 04:33	40
sec-Butylbenzene	ND		40	30	ug/L			07/10/25 04:33	40
Tetrachloroethene	ND		40	14	ug/L			07/10/25 04:33	40
Toluene	130		40	20	ug/L			07/10/25 04:33	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			07/10/25 04:33	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			07/10/25 04:33	40
Trichloroethene	ND		40	18	ug/L			07/10/25 04:33	40
Trichlorofluoromethane	ND		40	35	ug/L			07/10/25 04:33	40
Vinyl chloride	ND		40	36	ug/L			07/10/25 04:33	40
Xylenes, Total	81		80	26	ug/L			07/10/25 04:33	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			07/10/25 04:33	40

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-230889-3

Date Collected: 07/08/25 16:30

Matrix: Water

Date Received: 07/09/25 16:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		40	29	ug/L			07/10/25 04:33	40
tert-Butylbenzene	ND		40	32	ug/L			07/10/25 04:33	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		07/10/25 04:33	40
4-Bromofluorobenzene (Surr)	83		73 - 120		07/10/25 04:33	40
Toluene-d8 (Surr)	98		80 - 120		07/10/25 04:33	40
Dibromofluoromethane (Surr)	84		75 - 123		07/10/25 04:33	40

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-230889-1	Post Carbon 2	98	89	102	83
480-230889-2	Pre-Carbon	110	84	97	85
480-230889-3	Outside Sump	106	83	98	84
480-230889-3 MS	Outside Sump	104	86	99	91
480-230889-3 MSD	Outside Sump	101	88	102	92
LCS 480-751226/6	Lab Control Sample	106	89	101	92
MB 480-751226/8	Method Blank	106	88	101	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: MB 480-751226/8

Matrix: Water

Analysis Batch: 751226

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/25 21:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/25 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/25 21:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/25 21:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/25 21:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/25 21:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/25 21:59	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			07/09/25 21:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/25 21:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/25 21:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/25 21:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/25 21:59	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			07/09/25 21:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/25 21:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/25 21:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/25 21:59	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/25 21:59	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			07/09/25 21:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/25 21:59	1
Acetone	ND		10	3.0	ug/L			07/09/25 21:59	1
Benzene	ND		1.0	0.41	ug/L			07/09/25 21:59	1
Bromoform	ND		1.0	0.26	ug/L			07/09/25 21:59	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/25 21:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/25 21:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/25 21:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/25 21:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/25 21:59	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/25 21:59	1
Chloroform	ND		1.0	0.34	ug/L			07/09/25 21:59	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/25 21:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/25 21:59	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/25 21:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/25 21:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/25 21:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/25 21:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/25 21:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/25 21:59	1
Methyl acetate	ND		2.5	1.3	ug/L			07/09/25 21:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/25 21:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/25 21:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/25 21:59	1
m,p-Xylene	ND		2.0	0.66	ug/L			07/09/25 21:59	1
Naphthalene	ND		1.0	0.43	ug/L			07/09/25 21:59	1
n-Butylbenzene	ND		1.0	0.64	ug/L			07/09/25 21:59	1
N-Propylbenzene	ND		1.0	0.69	ug/L			07/09/25 21:59	1
o-Xylene	ND		1.0	0.76	ug/L			07/09/25 21:59	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			07/09/25 21:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/25 21:59	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: MB 480-751226/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			07/09/25 21:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/25 21:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/25 21:59	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/25 21:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/25 21:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/25 21:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/25 21:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/25 21:59	1
Styrene	ND		1.0	0.73	ug/L			07/09/25 21:59	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			07/09/25 21:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		07/09/25 21:59	1
4-Bromofluorobenzene (Surr)	88		73 - 120		07/09/25 21:59	1
Toluene-d8 (Surr)	101		80 - 120		07/09/25 21:59	1
Dibromofluoromethane (Surr)	90		75 - 123		07/09/25 21:59	1

Lab Sample ID: LCS 480-751226/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	23.6		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.4		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	23.9		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	25.6		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	19.5		ug/L		78	56 - 134
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	26.5		ug/L		106	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3,5-Trimethylbenzene	25.0	25.5		ug/L		102	77 - 121
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	141		ug/L		113	65 - 127
4-Isopropyltoluene	25.0	25.2		ug/L		101	73 - 120
4-Methyl-2-pentanone (MIBK)	125	142		ug/L		113	71 - 125
Acetone	125	148		ug/L		118	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromoform	25.0	15.8		ug/L		63	61 - 132
Bromomethane	25.0	24.2		ug/L		97	55 - 144
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: LCS 480-751226/6

Matrix: Water

Analysis Batch: 751226

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Dibromochloromethane	25.0	19.1		ug/L		77	75 - 125
Chloroethane	25.0	26.8		ug/L		107	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	27.6		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
Cyclohexane	25.0	25.3		ug/L		101	59 - 135
Bromodichloromethane	25.0	20.9		ug/L		84	80 - 122
Dichlorodifluoromethane	25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
Isopropylbenzene	25.0	26.2		ug/L		105	77 - 122
Methyl acetate	50.0	49.0		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	77 - 120
Methylcyclohexane	25.0	23.0		ug/L		92	68 - 134
Methylene Chloride	25.0	22.3		ug/L		89	75 - 124
m,p-Xylene	25.0	23.1		ug/L		93	76 - 122
Naphthalene	25.0	22.4		ug/L		89	66 - 125
n-Butylbenzene	25.0	26.1		ug/L		105	71 - 128
N-Propylbenzene	25.0	26.9		ug/L		108	75 - 127
o-Xylene	25.0	23.0		ug/L		92	76 - 122
sec-Butylbenzene	25.0	26.5		ug/L		106	74 - 127
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	22.5		ug/L		90	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	29.5		ug/L		118	62 - 150
Vinyl chloride	25.0	31.8		ug/L		127	65 - 133
cis-1,3-Dichloropropene	25.0	22.6		ug/L		91	74 - 124
Styrene	25.0	22.5		ug/L		90	80 - 120
tert-Butylbenzene	25.0	25.5		ug/L		102	75 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	89		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	92		75 - 123

Lab Sample ID: 480-230889-3 MS

Matrix: Water

Analysis Batch: 751226

Client Sample ID: Outside Sump

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
1,1,1-Trichloroethane	ND		1000	959		ug/L		96	73 - 126
1,1,1,2,2-Tetrachloroethane	ND		1000	1030		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	1030		ug/L		103	61 - 148
1,1,2-Trichloroethane	ND		1000	972		ug/L		97	76 - 122
1,1-Dichloroethane	ND		1000	1020		ug/L		102	77 - 120

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: 480-230889-3 MS

Client Sample ID: Outside Sump

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	Sample		Spike Added	MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	ND		1000	871		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	ND		1000	940		ug/L		94	79 - 122
1,2,4-Trimethylbenzene	ND		1000	1050		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	ND		1000	793		ug/L		79	56 - 134
1,2-Dichlorobenzene	ND		1000	1040		ug/L		104	80 - 124
1,2-Dichloroethane	ND		1000	1070		ug/L		107	75 - 120
1,2-Dichloropropane	ND		1000	990		ug/L		99	76 - 120
1,3,5-Trimethylbenzene	ND		1000	1060		ug/L		106	77 - 121
1,3-Dichlorobenzene	ND		1000	1010		ug/L		101	77 - 120
1,4-Dichlorobenzene	ND		1000	1000		ug/L		100	78 - 124
2-Butanone (MEK)	ND		5000	5450		ug/L		109	57 - 140
2-Hexanone	ND		5000	6070		ug/L		121	65 - 127
4-Isopropyltoluene	ND		1000	1040		ug/L		104	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		5000	5900		ug/L		118	71 - 125
Acetone	ND		5000	5290		ug/L		106	56 - 142
Benzene	2500	F1	1000	2690	F1	ug/L		18	71 - 124
Bromoform	ND		1000	614		ug/L		61	61 - 132
Bromomethane	ND		1000	948		ug/L		95	55 - 144
Carbon disulfide	ND		1000	846		ug/L		85	59 - 134
Carbon tetrachloride	ND		1000	915		ug/L		91	72 - 134
Chlorobenzene	ND		1000	957		ug/L		96	80 - 120
Dibromochloromethane	ND	F1	1000	736	F1	ug/L		74	75 - 125
Chloroethane	ND		1000	1030		ug/L		103	69 - 136
Chloroform	ND		1000	948		ug/L		95	73 - 127
Chloromethane	ND		1000	1150		ug/L		115	68 - 124
cis-1,2-Dichloroethene	ND		1000	915		ug/L		91	74 - 124
Cyclohexane	ND		1000	1010		ug/L		101	59 - 135
Bromodichloromethane	ND		1000	805		ug/L		81	80 - 122
Dichlorodifluoromethane	ND		1000	894		ug/L		89	59 - 135
Ethylbenzene	100		1000	1070		ug/L		97	77 - 123
1,2-Dibromoethane	ND		1000	951		ug/L		95	77 - 120
Isopropylbenzene	ND		1000	1070		ug/L		107	77 - 122
Methyl acetate	ND	F1	2000	3090	F1	ug/L		154	74 - 133
Methyl tert-butyl ether	ND		1000	939		ug/L		94	77 - 120
Methylcyclohexane	ND		1000	898		ug/L		90	68 - 134
Methylene Chloride	ND		1000	889		ug/L		89	75 - 124
m,p-Xylene	49	J	1000	980		ug/L		93	76 - 122
Naphthalene	150		1000	1070		ug/L		92	66 - 125
n-Butylbenzene	ND		1000	1080		ug/L		108	71 - 128
N-Propylbenzene	ND		1000	1100		ug/L		110	75 - 127
o-Xylene	32	J	1000	972		ug/L		94	76 - 122
sec-Butylbenzene	ND		1000	1090		ug/L		109	74 - 127
Tetrachloroethene	ND		1000	928		ug/L		93	74 - 122
Toluene	130		1000	1080		ug/L		95	80 - 122
trans-1,2-Dichloroethene	ND		1000	903		ug/L		90	73 - 127
trans-1,3-Dichloropropene	ND		1000	864		ug/L		86	80 - 120
Trichloroethene	ND		1000	924		ug/L		92	74 - 123
Trichlorofluoromethane	ND		1000	1150		ug/L		115	62 - 150
Vinyl chloride	ND		1000	1240		ug/L		124	65 - 133

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: 480-230889-3 MS

Client Sample ID: Outside Sump

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits	
	Result	Qualifier	Added	Result	Qualifier					
cis-1,3-Dichloropropene	ND		1000	860		ug/L		86	74 - 124	
Styrene	ND		1000	914		ug/L		91	80 - 120	
tert-Butylbenzene	ND		1000	1040		ug/L		104	75 - 123	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	104		77 - 120							
4-Bromofluorobenzene (Surr)	86		73 - 120							
Toluene-d8 (Surr)	99		80 - 120							
Dibromofluoromethane (Surr)	91		75 - 123							

Lab Sample ID: 480-230889-3 MSD

Client Sample ID: Outside Sump

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		1000	992		ug/L		99	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		1000	1030		ug/L		103	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	1070		ug/L		107	61 - 148	4	20
1,1,2-Trichloroethane	ND		1000	954		ug/L		95	76 - 122	2	15
1,1-Dichloroethane	ND		1000	1060		ug/L		106	77 - 120	3	20
1,1-Dichloroethene	ND		1000	936		ug/L		94	66 - 127	7	16
1,2,4-Trichlorobenzene	ND		1000	972		ug/L		97	79 - 122	3	20
1,2,4-Trimethylbenzene	ND		1000	1060		ug/L		106	76 - 121	1	20
1,2-Dibromo-3-Chloropropane	ND		1000	835		ug/L		83	56 - 134	5	15
1,2-Dichlorobenzene	ND		1000	1050		ug/L		105	80 - 124	1	20
1,2-Dichloroethane	ND		1000	1110		ug/L		111	75 - 120	3	20
1,2-Dichloropropane	ND		1000	1010		ug/L		101	76 - 120	2	20
1,3,5-Trimethylbenzene	ND		1000	1080		ug/L		108	77 - 121	2	20
1,3-Dichlorobenzene	ND		1000	1030		ug/L		103	77 - 120	2	20
1,4-Dichlorobenzene	ND		1000	998		ug/L		100	78 - 124	0	20
2-Butanone (MEK)	ND		5000	5320		ug/L		106	57 - 140	2	20
2-Hexanone	ND		5000	6170		ug/L		123	65 - 127	2	15
4-Isopropyltoluene	ND		1000	1050		ug/L		105	73 - 120	1	20
4-Methyl-2-pentanone (MIBK)	ND		5000	5960		ug/L		119	71 - 125	1	35
Acetone	ND		5000	5530		ug/L		111	56 - 142	4	15
Benzene	2500	F1	1000	2820	F1	ug/L		31	71 - 124	5	13
Bromoform	ND		1000	677		ug/L		68	61 - 132	10	15
Bromomethane	ND		1000	969		ug/L		97	55 - 144	2	15
Carbon disulfide	ND		1000	897		ug/L		90	59 - 134	6	15
Carbon tetrachloride	ND		1000	972		ug/L		97	72 - 134	6	15
Chlorobenzene	ND		1000	977		ug/L		98	80 - 120	2	25
Dibromochloromethane	ND	F1	1000	795		ug/L		79	75 - 125	8	15
Chloroethane	ND		1000	1010		ug/L		101	69 - 136	2	15
Chloroform	ND		1000	978		ug/L		98	73 - 127	3	20
Chloromethane	ND		1000	1150		ug/L		115	68 - 124	0	15
cis-1,2-Dichloroethene	ND		1000	964		ug/L		96	74 - 124	5	15
Cyclohexane	ND		1000	1060		ug/L		106	59 - 135	4	20
Bromodichloromethane	ND		1000	829		ug/L		83	80 - 122	3	15

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

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

Lab Sample ID: 480-230889-3 MSD

Client Sample ID: Outside Sump

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 751226

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Dichlorodifluoromethane	ND		1000	981		ug/L		98	59 - 135	9	20
Ethylbenzene	100		1000	1140		ug/L		103	77 - 123	6	15
1,2-Dibromoethane	ND		1000	990		ug/L		99	77 - 120	4	15
Isopropylbenzene	ND		1000	1080		ug/L		108	77 - 122	1	20
Methyl acetate	ND	F1	2000	3220	F1	ug/L		161	74 - 133	4	20
Methyl tert-butyl ether	ND		1000	967		ug/L		97	77 - 120	3	37
Methylcyclohexane	ND		1000	933		ug/L		93	68 - 134	4	20
Methylene Chloride	ND		1000	914		ug/L		91	75 - 124	3	15
m,p-Xylene	49	J	1000	1010		ug/L		96	76 - 122	3	16
Naphthalene	150		1000	1110		ug/L		96	66 - 125	3	20
n-Butylbenzene	ND		1000	1090		ug/L		109	71 - 128	1	15
N-Propylbenzene	ND		1000	1110		ug/L		111	75 - 127	1	15
o-Xylene	32	J	1000	997		ug/L		96	76 - 122	3	16
sec-Butylbenzene	ND		1000	1120		ug/L		112	74 - 127	2	15
Tetrachloroethene	ND		1000	973		ug/L		97	74 - 122	5	20
Toluene	130		1000	1130		ug/L		100	80 - 122	5	15
trans-1,2-Dichloroethene	ND		1000	956		ug/L		96	73 - 127	6	20
trans-1,3-Dichloropropene	ND		1000	912		ug/L		91	80 - 120	5	15
Trichloroethene	ND		1000	972		ug/L		97	74 - 123	5	16
Trichlorofluoromethane	ND		1000	1190		ug/L		119	62 - 150	3	20
Vinyl chloride	ND		1000	1250		ug/L		125	65 - 133	0	15
cis-1,3-Dichloropropene	ND		1000	883		ug/L		88	74 - 124	3	15
Styrene	ND		1000	954		ug/L		95	80 - 120	4	20
tert-Butylbenzene	ND		1000	1080		ug/L		108	75 - 123	4	15

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	88		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	92		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

GC/MS VOA

Analysis Batch: 751226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230889-1	Post Carbon 2	Total/NA	Water	8260C	
480-230889-2	Pre-Carbon	Total/NA	Water	8260C	
480-230889-3	Outside Sump	Total/NA	Water	8260C	
MB 480-751226/8	Method Blank	Total/NA	Water	8260C	
LCS 480-751226/6	Lab Control Sample	Total/NA	Water	8260C	
480-230889-3 MS	Outside Sump	Total/NA	Water	8260C	
480-230889-3 MSD	Outside Sump	Total/NA	Water	8260C	

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- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-230889-1

Date Collected: 07/08/25 16:10

Matrix: Water

Date Received: 07/09/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	751226	ATG	EET BUF	07/10/25 03:46

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-230889-2

Date Collected: 07/08/25 16:20

Matrix: Water

Date Received: 07/09/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	751226	ATG	EET BUF	07/10/25 04:10

Client Sample ID: Outside Sump

Lab Sample ID: 480-230889-3

Date Collected: 07/08/25 16:30

Matrix: Water

Date Received: 07/09/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	751226	ATG	EET BUF	07/10/25 04:33

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

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Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-230889-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230889-1	Post Carbon 2	Water	07/08/25 16:10	07/09/25 16:55
480-230889-2	Pre-Carbon	Water	07/08/25 16:20	07/09/25 16:55
480-230889-3	Outside Sump	Water	07/08/25 16:30	07/09/25 16:55

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CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION										REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com			Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056517					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																				
Sampler(s) Name:			Sampler(s) Name:					number of preserved bottles										8260 (TCL + CPS1)										
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber												
	Post Carbon 2	grab	7/8/25	1610	NW	WG	3	3																				X
	Pre-Carbon	grab	7/8/25	1620	NW	WG	3	3																				X
	Outside Sump	grab	7/8/25	1630	NW	WG	3	3										X										

Turnaround Time (Business Days)

Lab PM Approval / Date

Laboratory Information

- Standard 14 days
- 1 day RUSH
- Other _____ days

_____/_____/_____
 _____/_____/_____
 _____/_____/_____

Lab: Eurofins
 Address: 10 Hazelwood Dr. Amherst, NY 14228
 Phone: 716-691-2600
 Lab PM: John Beninati
 Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

- Commercial 'A' (Level 1) = Results Only
- Commercial 'B' (Level 2) = Results + QC Summary
- FULLT1 (Level 3 & 4)
- NJ Reduced = Results + QC Sur
- Commercial 'C'
- NJ Data of Known Quality Pro
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format NYSDEC EQuis
- Other _____



480-230889 Chain of Custody

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By: <i>Michael Ward</i>	Date / Time: 7/8/25 1655	Received By: <i>Walker</i> 1655
Relinquished By:	Date / Time:	Received By:
Relinquished By:	Date / Time:	Received By:
Relinquished By:	Date / Time:	Received By:
Custody Seal Number:	<input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	<input type="checkbox"/> Preserved where applicable <input type="checkbox"/> On Ice Cooler Temp

5.5 IR#BC Ice

Page 24 of 25

7/10/2025



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-230889-1

Login Number: 230889

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services Inc
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 8/18/2025 11:57:55 PM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-231695-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services Inc
Project: NYSDEC Gastown Site

Job ID: 480-231695-1

Job ID: 480-231695-1

Eurofins Buffalo

Job Narrative 480-231695-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/8/2025 2:56 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-754310 recovered above the upper control limit for trans-1,3-Dichloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: Post Carbon 2 (480-231695-1) and Pre-Carbon (480-231695-2).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-754310 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Outside Sump (480-231695-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-754448 recovered outside control limits for the following analytes: Isopropylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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Detection Summary

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-231695-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.3	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroform	0.51	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-231695-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.5		1.0	0.75	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	3.3	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	53		10	3.0	ug/L	1		8260C	Total/NA
Benzene	38		1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.20	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chloroform	4.7		1.0	0.34	ug/L	1		8260C	Total/NA
Chloromethane	0.93	J	1.0	0.35	ug/L	1		8260C	Total/NA
Ethylbenzene	1.7		1.0	0.74	ug/L	1		8260C	Total/NA
Methylene Chloride	1.3		1.0	0.44	ug/L	1		8260C	Total/NA
m,p-Xylene	6.7		2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	10		1.0	0.43	ug/L	1		8260C	Total/NA
o-Xylene	5.8		1.0	0.76	ug/L	1		8260C	Total/NA
Toluene	2.8		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	13		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-231695-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	87	J	100	30	ug/L	10		8260C	Total/NA
Benzene	470		10	4.1	ug/L	10		8260C	Total/NA
Chloroform	11		10	3.4	ug/L	10		8260C	Total/NA
Chloromethane	14		10	3.5	ug/L	10		8260C	Total/NA
Ethylbenzene	7.4	J	10	7.4	ug/L	10		8260C	Total/NA
Methylene Chloride	5.5	J	10	4.4	ug/L	10		8260C	Total/NA
m,p-Xylene	6.9	J	20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	28		10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	8.1	J	10	7.6	ug/L	10		8260C	Total/NA
Toluene	11		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	15	J	20	6.6	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-231695-1

Date Collected: 08/08/25 14:30

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/14/25 17:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/14/25 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/14/25 17:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/14/25 17:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/14/25 17:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/14/25 17:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/14/25 17:47	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/14/25 17:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/14/25 17:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/14/25 17:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/14/25 17:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/14/25 17:47	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/14/25 17:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/14/25 17:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/14/25 17:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/14/25 17:47	1
2-Hexanone	ND		5.0	1.2	ug/L			08/14/25 17:47	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/14/25 17:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/14/25 17:47	1
Acetone	5.3	J	10	3.0	ug/L			08/14/25 17:47	1
Benzene	ND		1.0	0.41	ug/L			08/14/25 17:47	1
Bromoform	ND		1.0	0.26	ug/L			08/14/25 17:47	1
Bromomethane	ND		1.0	0.69	ug/L			08/14/25 17:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/14/25 17:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/14/25 17:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/14/25 17:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/14/25 17:47	1
Chloroethane	ND		1.0	0.32	ug/L			08/14/25 17:47	1
Chloroform	0.51	J	1.0	0.34	ug/L			08/14/25 17:47	1
Chloromethane	ND		1.0	0.35	ug/L			08/14/25 17:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/14/25 17:47	1
Cyclohexane	ND		1.0	0.18	ug/L			08/14/25 17:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/14/25 17:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/14/25 17:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/14/25 17:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/14/25 17:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/14/25 17:47	1
Methyl acetate	ND		2.5	1.3	ug/L			08/14/25 17:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/14/25 17:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/14/25 17:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/14/25 17:47	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/14/25 17:47	1
Naphthalene	ND		1.0	0.43	ug/L			08/14/25 17:47	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/14/25 17:47	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/14/25 17:47	1
o-Xylene	ND		1.0	0.76	ug/L			08/14/25 17:47	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/14/25 17:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/14/25 17:47	1
Toluene	ND		1.0	0.51	ug/L			08/14/25 17:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-231695-1

Date Collected: 08/08/25 14:30

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/14/25 17:47	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			08/14/25 17:47	1
Trichloroethene	ND		1.0	0.46	ug/L			08/14/25 17:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/14/25 17:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/14/25 17:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/14/25 17:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/14/25 17:47	1
Styrene	ND		1.0	0.73	ug/L			08/14/25 17:47	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/14/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/14/25 17:47	1
4-Bromofluorobenzene (Surr)	93		73 - 120		08/14/25 17:47	1
Toluene-d8 (Surr)	103		80 - 120		08/14/25 17:47	1
Dibromofluoromethane (Surr)	98		75 - 123		08/14/25 17:47	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-231695-2

Date Collected: 08/08/25 14:35

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/14/25 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/14/25 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/14/25 18:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/14/25 18:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/14/25 18:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/14/25 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/14/25 18:09	1
1,2,4-Trimethylbenzene	1.5		1.0	0.75	ug/L			08/14/25 18:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/14/25 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/14/25 18:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/14/25 18:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/14/25 18:09	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/14/25 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/14/25 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/14/25 18:09	1
2-Butanone (MEK)	3.3	J	10	1.3	ug/L			08/14/25 18:09	1
2-Hexanone	ND		5.0	1.2	ug/L			08/14/25 18:09	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/14/25 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/14/25 18:09	1
Acetone	53		10	3.0	ug/L			08/14/25 18:09	1
Benzene	38		1.0	0.41	ug/L			08/14/25 18:09	1
Bromoform	ND		1.0	0.26	ug/L			08/14/25 18:09	1
Bromomethane	ND		1.0	0.69	ug/L			08/14/25 18:09	1
Carbon disulfide	0.20	J	1.0	0.19	ug/L			08/14/25 18:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/14/25 18:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/14/25 18:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/14/25 18:09	1
Chloroethane	ND		1.0	0.32	ug/L			08/14/25 18:09	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-231695-2

Date Collected: 08/08/25 14:35

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	4.7		1.0	0.34	ug/L			08/14/25 18:09	1
Chloromethane	0.93	J	1.0	0.35	ug/L			08/14/25 18:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/14/25 18:09	1
Cyclohexane	ND		1.0	0.18	ug/L			08/14/25 18:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/14/25 18:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/14/25 18:09	1
Ethylbenzene	1.7		1.0	0.74	ug/L			08/14/25 18:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/14/25 18:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/14/25 18:09	1
Methyl acetate	ND		2.5	1.3	ug/L			08/14/25 18:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/14/25 18:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/14/25 18:09	1
Methylene Chloride	1.3		1.0	0.44	ug/L			08/14/25 18:09	1
m,p-Xylene	6.7		2.0	0.66	ug/L			08/14/25 18:09	1
Naphthalene	10		1.0	0.43	ug/L			08/14/25 18:09	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/14/25 18:09	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/14/25 18:09	1
o-Xylene	5.8		1.0	0.76	ug/L			08/14/25 18:09	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/14/25 18:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/14/25 18:09	1
Toluene	2.8		1.0	0.51	ug/L			08/14/25 18:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/14/25 18:09	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			08/14/25 18:09	1
Trichloroethene	ND		1.0	0.46	ug/L			08/14/25 18:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/14/25 18:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/14/25 18:09	1
Xylenes, Total	13		2.0	0.66	ug/L			08/14/25 18:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/14/25 18:09	1
Styrene	ND		1.0	0.73	ug/L			08/14/25 18:09	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/14/25 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/14/25 18:09	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/14/25 18:09	1
Toluene-d8 (Surr)	106		80 - 120		08/14/25 18:09	1
Dibromofluoromethane (Surr)	97		75 - 123		08/14/25 18:09	1

Client Sample ID: Outside Sump

Lab Sample ID: 480-231695-3

Date Collected: 08/08/25 14:40

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			08/15/25 12:37	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/15/25 12:37	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/15/25 12:37	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/15/25 12:37	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/15/25 12:37	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/15/25 12:37	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/15/25 12:37	10

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Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-231695-3

Date Collected: 08/08/25 14:40

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			08/15/25 12:37	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/15/25 12:37	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/15/25 12:37	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/15/25 12:37	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/15/25 12:37	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			08/15/25 12:37	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/15/25 12:37	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/15/25 12:37	10
2-Butanone (MEK)	ND		100	13	ug/L			08/15/25 12:37	10
2-Hexanone	ND		50	12	ug/L			08/15/25 12:37	10
4-Isopropyltoluene	ND		10	3.1	ug/L			08/15/25 12:37	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/15/25 12:37	10
Acetone	87	J	100	30	ug/L			08/15/25 12:37	10
Benzene	470		10	4.1	ug/L			08/15/25 12:37	10
Bromoform	ND		10	2.6	ug/L			08/15/25 12:37	10
Bromomethane	ND		10	6.9	ug/L			08/15/25 12:37	10
Carbon disulfide	ND		10	1.9	ug/L			08/15/25 12:37	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/15/25 12:37	10
Chlorobenzene	ND		10	7.5	ug/L			08/15/25 12:37	10
Dibromochloromethane	ND		10	3.2	ug/L			08/15/25 12:37	10
Chloroethane	ND		10	3.2	ug/L			08/15/25 12:37	10
Chloroform	11		10	3.4	ug/L			08/15/25 12:37	10
Chloromethane	14		10	3.5	ug/L			08/15/25 12:37	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/15/25 12:37	10
Cyclohexane	ND		10	1.8	ug/L			08/15/25 12:37	10
Bromodichloromethane	ND		10	3.9	ug/L			08/15/25 12:37	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/15/25 12:37	10
Ethylbenzene	7.4	J	10	7.4	ug/L			08/15/25 12:37	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/15/25 12:37	10
Isopropylbenzene	ND	*+	10	7.9	ug/L			08/15/25 12:37	10
Methyl acetate	ND		25	13	ug/L			08/15/25 12:37	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/15/25 12:37	10
Methylcyclohexane	ND		10	1.6	ug/L			08/15/25 12:37	10
Methylene Chloride	5.5	J	10	4.4	ug/L			08/15/25 12:37	10
m,p-Xylene	6.9	J	20	6.6	ug/L			08/15/25 12:37	10
Naphthalene	28		10	4.3	ug/L			08/15/25 12:37	10
n-Butylbenzene	ND		10	6.4	ug/L			08/15/25 12:37	10
N-Propylbenzene	ND		10	6.9	ug/L			08/15/25 12:37	10
o-Xylene	8.1	J	10	7.6	ug/L			08/15/25 12:37	10
sec-Butylbenzene	ND		10	7.5	ug/L			08/15/25 12:37	10
Tetrachloroethene	ND		10	3.6	ug/L			08/15/25 12:37	10
Toluene	11		10	5.1	ug/L			08/15/25 12:37	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/15/25 12:37	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/15/25 12:37	10
Trichloroethene	ND		10	4.6	ug/L			08/15/25 12:37	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/15/25 12:37	10
Vinyl chloride	ND		10	9.0	ug/L			08/15/25 12:37	10
Xylenes, Total	15	J	20	6.6	ug/L			08/15/25 12:37	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/15/25 12:37	10

Client Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-231695-3

Date Collected: 08/08/25 14:40

Matrix: Water

Date Received: 08/08/25 14:56

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		10	7.3	ug/L			08/15/25 12:37	10
tert-Butylbenzene	ND		10	8.1	ug/L			08/15/25 12:37	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/15/25 12:37	10
4-Bromofluorobenzene (Surr)	101		73 - 120		08/15/25 12:37	10
Toluene-d8 (Surr)	113		80 - 120		08/15/25 12:37	10
Dibromofluoromethane (Surr)	97		75 - 123		08/15/25 12:37	10

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-231695-1	Post Carbon 2	102	93	103	98
480-231695-2	Pre-Carbon	100	97	106	97
480-231695-3	Outside Sump	97	101	113	97
LCS 480-754310/6	Lab Control Sample	96	89	100	92
LCS 480-754448/6	Lab Control Sample	99	98	107	104
MB 480-754310/8	Method Blank	102	97	104	110
MB 480-754448/8	Method Blank	104	98	102	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: MB 480-754310/8

Matrix: Water

Analysis Batch: 754310

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/14/25 13:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/14/25 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/14/25 13:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/14/25 13:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/14/25 13:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/14/25 13:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/14/25 13:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/14/25 13:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/14/25 13:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/14/25 13:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/14/25 13:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/14/25 13:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/14/25 13:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/14/25 13:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/14/25 13:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/14/25 13:17	1
2-Hexanone	ND		5.0	1.2	ug/L			08/14/25 13:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/14/25 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/14/25 13:17	1
Acetone	ND		10	3.0	ug/L			08/14/25 13:17	1
Benzene	ND		1.0	0.41	ug/L			08/14/25 13:17	1
Bromoform	ND		1.0	0.26	ug/L			08/14/25 13:17	1
Bromomethane	ND		1.0	0.69	ug/L			08/14/25 13:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/14/25 13:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/14/25 13:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/14/25 13:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/14/25 13:17	1
Chloroethane	ND		1.0	0.32	ug/L			08/14/25 13:17	1
Chloroform	ND		1.0	0.34	ug/L			08/14/25 13:17	1
Chloromethane	ND		1.0	0.35	ug/L			08/14/25 13:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/14/25 13:17	1
Cyclohexane	ND		1.0	0.18	ug/L			08/14/25 13:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/14/25 13:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/14/25 13:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/14/25 13:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/14/25 13:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/14/25 13:17	1
Methyl acetate	ND		2.5	1.3	ug/L			08/14/25 13:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/14/25 13:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/14/25 13:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/14/25 13:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/14/25 13:17	1
Naphthalene	ND		1.0	0.43	ug/L			08/14/25 13:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/14/25 13:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/14/25 13:17	1
o-Xylene	ND		1.0	0.76	ug/L			08/14/25 13:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/14/25 13:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/14/25 13:17	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: MB 480-754310/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 754310

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			08/14/25 13:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/14/25 13:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/14/25 13:17	1
Trichloroethene	ND		1.0	0.46	ug/L			08/14/25 13:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/14/25 13:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/14/25 13:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/14/25 13:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/14/25 13:17	1
Styrene	ND		1.0	0.73	ug/L			08/14/25 13:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/14/25 13:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/14/25 13:17	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/14/25 13:17	1
Toluene-d8 (Surr)	104		80 - 120		08/14/25 13:17	1
Dibromofluoromethane (Surr)	110		75 - 123		08/14/25 13:17	1

Lab Sample ID: LCS 480-754310/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 754310

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	73 - 126
1,1,1,2-Tetrachloroethane	25.0	24.9		ug/L		100	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.2		ug/L		97	61 - 148
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	23.7		ug/L		95	66 - 127
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	79 - 122
1,2,4-Trimethylbenzene	25.0	28.4		ug/L		114	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	26.1		ug/L		105	56 - 134
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		102	76 - 120
1,3,5-Trimethylbenzene	25.0	29.1		ug/L		116	77 - 121
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	110		ug/L		88	57 - 140
2-Hexanone	125	102		ug/L		82	65 - 127
4-Isopropyltoluene	25.0	29.5		ug/L		118	73 - 120
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	116		ug/L		93	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	21.6		ug/L		86	55 - 144
Carbon disulfide	25.0	23.5		ug/L		94	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: LCS 480-754310/6

Matrix: Water

Analysis Batch: 754310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125
Chloroethane	25.0	23.1		ug/L		92	69 - 136
Chloroform	25.0	23.2		ug/L		93	73 - 127
Chloromethane	25.0	22.1		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Dichlorodifluoromethane	25.0	21.0		ug/L		84	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	26.9		ug/L		108	77 - 120
Isopropylbenzene	25.0	29.2		ug/L		117	77 - 122
Methyl acetate	50.0	44.3		ug/L		89	74 - 133
Methyl tert-butyl ether	25.0	23.1		ug/L		93	77 - 120
Methylcyclohexane	25.0	25.1		ug/L		100	68 - 134
Methylene Chloride	25.0	26.1		ug/L		105	75 - 124
m,p-Xylene	25.0	24.6		ug/L		98	76 - 122
Naphthalene	25.0	26.0		ug/L		104	66 - 125
n-Butylbenzene	25.0	27.7		ug/L		111	71 - 128
N-Propylbenzene	25.0	27.7		ug/L		111	75 - 127
o-Xylene	25.0	24.2		ug/L		97	76 - 122
sec-Butylbenzene	25.0	29.4		ug/L		117	74 - 127
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	30.3	*+	ug/L		121	80 - 120
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	22.7		ug/L		91	62 - 150
Vinyl chloride	25.0	23.9		ug/L		95	65 - 133
cis-1,3-Dichloropropene	25.0	29.3		ug/L		117	74 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
tert-Butylbenzene	25.0	29.0		ug/L		116	75 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	89		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	92		75 - 123

Lab Sample ID: MB 480-754448/8

Matrix: Water

Analysis Batch: 754448

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/15/25 12:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/15/25 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/15/25 12:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/15/25 12:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/15/25 12:14	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: MB 480-754448/8

Matrix: Water

Analysis Batch: 754448

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/15/25 12:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/15/25 12:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/15/25 12:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/15/25 12:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/15/25 12:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/15/25 12:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/15/25 12:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/15/25 12:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/15/25 12:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/15/25 12:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/15/25 12:14	1
2-Hexanone	ND		5.0	1.2	ug/L			08/15/25 12:14	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/15/25 12:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/15/25 12:14	1
Acetone	ND		10	3.0	ug/L			08/15/25 12:14	1
Benzene	ND		1.0	0.41	ug/L			08/15/25 12:14	1
Bromoform	ND		1.0	0.26	ug/L			08/15/25 12:14	1
Bromomethane	ND		1.0	0.69	ug/L			08/15/25 12:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/15/25 12:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/15/25 12:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/15/25 12:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/15/25 12:14	1
Chloroethane	ND		1.0	0.32	ug/L			08/15/25 12:14	1
Chloroform	ND		1.0	0.34	ug/L			08/15/25 12:14	1
Chloromethane	ND		1.0	0.35	ug/L			08/15/25 12:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/15/25 12:14	1
Cyclohexane	ND		1.0	0.18	ug/L			08/15/25 12:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/15/25 12:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/15/25 12:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/15/25 12:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/15/25 12:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/15/25 12:14	1
Methyl acetate	ND		2.5	1.3	ug/L			08/15/25 12:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/15/25 12:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/15/25 12:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/15/25 12:14	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/15/25 12:14	1
Naphthalene	ND		1.0	0.43	ug/L			08/15/25 12:14	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/15/25 12:14	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/15/25 12:14	1
o-Xylene	ND		1.0	0.76	ug/L			08/15/25 12:14	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/15/25 12:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/15/25 12:14	1
Toluene	ND		1.0	0.51	ug/L			08/15/25 12:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/15/25 12:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/15/25 12:14	1
Trichloroethene	ND		1.0	0.46	ug/L			08/15/25 12:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/15/25 12:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/15/25 12:14	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: MB 480-754448/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 754448

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Xylenes, Total	ND		2.0	0.66	ug/L			08/15/25 12:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/15/25 12:14	1
Styrene	ND		1.0	0.73	ug/L			08/15/25 12:14	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/15/25 12:14	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/15/25 12:14	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/15/25 12:14	1
Toluene-d8 (Surr)	102		80 - 120		08/15/25 12:14	1
Dibromofluoromethane (Surr)	107		75 - 123		08/15/25 12:14	1

Lab Sample ID: LCS 480-754448/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 754448

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	27.4		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.7		ug/L		107	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.0		ug/L		108	61 - 148
1,1,2-Trichloroethane	25.0	22.8		ug/L		91	76 - 122
1,1-Dichloroethane	25.0	27.5		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	27.5		ug/L		110	66 - 127
1,2,4-Trichlorobenzene	25.0	28.9		ug/L		115	79 - 122
1,2,4-Trimethylbenzene	25.0	29.7		ug/L		119	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	28.2		ug/L		113	56 - 134
1,2-Dichlorobenzene	25.0	26.3		ug/L		105	80 - 124
1,2-Dichloroethane	25.0	21.7		ug/L		87	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3,5-Trimethylbenzene	25.0	30.2		ug/L		121	77 - 121
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120
2-Butanone (MEK)	125	100		ug/L		80	57 - 140
2-Hexanone	125	109		ug/L		87	65 - 127
4-Isopropyltoluene	25.0	30.1		ug/L		120	73 - 120
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	24.6		ug/L		98	71 - 124
Bromoform	25.0	23.5		ug/L		94	61 - 132
Bromomethane	25.0	27.8		ug/L		111	55 - 144
Carbon disulfide	25.0	28.1		ug/L		112	59 - 134
Carbon tetrachloride	25.0	29.5		ug/L		118	72 - 134
Chlorobenzene	25.0	23.9		ug/L		96	80 - 120
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Chloroethane	25.0	28.7		ug/L		115	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	29.3		ug/L		117	68 - 124
cis-1,2-Dichloroethene	25.0	26.9		ug/L		108	74 - 124
Cyclohexane	25.0	29.7		ug/L		119	59 - 135

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QC Sample Results

Client: Groundwater & Environmental Services Inc
 Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

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

Lab Sample ID: LCS 480-754448/6

Matrix: Water

Analysis Batch: 754448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	22.0		ug/L		88	80 - 122
Dichlorodifluoromethane	25.0	25.3		ug/L		101	59 - 135
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
1,2-Dibromoethane	25.0	23.4		ug/L		93	77 - 120
Isopropylbenzene	25.0	31.3	*+	ug/L		125	77 - 122
Methyl acetate	50.0	48.6		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	26.9		ug/L		108	77 - 120
Methylcyclohexane	25.0	28.7		ug/L		115	68 - 134
Methylene Chloride	25.0	30.5		ug/L		122	75 - 124
m,p-Xylene	25.0	26.8		ug/L		107	76 - 122
Naphthalene	25.0	28.8		ug/L		115	66 - 125
n-Butylbenzene	25.0	28.9		ug/L		116	71 - 128
N-Propylbenzene	25.0	28.6		ug/L		114	75 - 127
o-Xylene	25.0	28.1		ug/L		112	76 - 122
sec-Butylbenzene	25.0	30.7		ug/L		123	74 - 127
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	26.2		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	28.4		ug/L		114	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	80 - 120
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	29.6		ug/L		118	62 - 150
Vinyl chloride	25.0	30.6		ug/L		122	65 - 133
cis-1,3-Dichloropropene	25.0	20.8		ug/L		83	74 - 124
Styrene	25.0	25.2		ug/L		101	80 - 120
tert-Butylbenzene	25.0	27.9		ug/L		112	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	107		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

GC/MS VOA

Analysis Batch: 754310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231695-1	Post Carbon 2	Total/NA	Water	8260C	
480-231695-2	Pre-Carbon	Total/NA	Water	8260C	
MB 480-754310/8	Method Blank	Total/NA	Water	8260C	
LCS 480-754310/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 754448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231695-3	Outside Sump	Total/NA	Water	8260C	
MB 480-754448/8	Method Blank	Total/NA	Water	8260C	
LCS 480-754448/6	Lab Control Sample	Total/NA	Water	8260C	



Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-231695-1

Date Collected: 08/08/25 14:30

Matrix: Water

Date Received: 08/08/25 14:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	754310	LCH	EET BUF	08/14/25 17:47

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-231695-2

Date Collected: 08/08/25 14:35

Matrix: Water

Date Received: 08/08/25 14:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	754310	LCH	EET BUF	08/14/25 18:09

Client Sample ID: Outside Sump

Lab Sample ID: 480-231695-3

Date Collected: 08/08/25 14:40

Matrix: Water

Date Received: 08/08/25 14:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	754448	ATG	EET BUF	08/15/25 12:37

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

- 1
- 2
- 3
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- 5
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- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Gastown Site

Job ID: 480-231695-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-231695-1	Post Carbon 2	Water	08/08/25 14:30	08/08/25 14:56	New York
480-231695-2	Pre-Carbon	Water	08/08/25 14:35	08/08/25 14:56	New York
480-231695-3	Outside Sump	Water	08/08/25 14:40	08/08/25 14:56	New York

- 1
- 2
- 3
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- 11
- 12
- 13
- 14
- 15



CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION										REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY	
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESinbox@gesonline.com			Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056517					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																					
Sampler(s) Name:			Sampler(s) Name:					number of preserved bottles																					
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	8260 (TCL + CP51)												
	Post Carbon 2	Grab	8/10/25	1430	NW	WG	3	3										X											
	Pre-Carbon	Grab	8/8/25	1435	NW	WG	3	3										X											
	Outside Sump	Grab	8/8/25	1440	NW	WG	3	3										X											

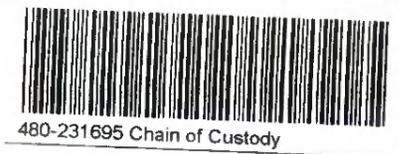
Page 24 of 25

Turnaround Time (Business Days): Standard 14 days, 1 day RUSH, Other _____ days

Lab PM Approval / Date: _____ / _____

Laboratory Information: Lab: Eurofins, Address: 10 Hazelwood Dr. Amherst, NY 14228, Phone: 716-691-2600, Lab PM: John Beninati, Lab PM Email: john.beninati@et.eurofins.com

- Data Deliverable In:
- Commercial 'A' (Level 1)
 - Commercial 'B' (Level 2)
 - FULLT1 (Level 3 & 4)
 - NJ Reduced = Results + QC Summary + Performance
 - Commercial 'C'
 - NJ Data of Known Quality Protocol Reporting
 - NYASP Category A
 - NYASP Category B
 - State Forms
 - EDD Format NYSDEC EQIS
 - Other _____



Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: 1 <u>Wade Ward</u>	Date / Time: 1 <u>8/8/25 1456</u>	Received By: 1 <u>EM TAB 8-8-25 1456</u>
Relinquished By: 2	Date / Time: 2	Received By: 2
Relinquished By: 3	Date / Time: 3	Received By: 3

Custody Seal Number: Intact, Not Intact, Preserved where applicable, On Ice, Cooler Temp: 511 F 2#51 ICE

8/18/2025



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-231695-1

Login Number: 231695

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.1 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 9/16/2025 12:28:07 AM

JOB DESCRIPTION

NYSDEC Tonawanda East Niagara Street

JOB NUMBER

480-232535-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	18
Lab Chronicle	19
Certification Summary	20
Method Summary	21
Sample Summary	22
Chain of Custody	23
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services, Inc.
Project: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Job ID: 480-232535-1

Eurofins Buffalo

Job Narrative 480-232535-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/11/2025 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.4°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-756869 recovered above the upper control limit for Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: Post Carbon 2 (480-232535-1), Pre-Carbon (480-232535-2) and Outside Sump (480-232535-3).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: Pre-Carbon (480-232535-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Outside Sump (480-232535-3). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-232535-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-232535-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.8		4.0	1.6	ug/L	4		8260C	Total/NA
Chloroform	2.4	J	4.0	1.4	ug/L	4		8260C	Total/NA
Naphthalene	2.9	J	4.0	1.7	ug/L	4		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-232535-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	610		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	16		10	7.4	ug/L	10		8260C	Total/NA
m,p-Xylene	19	J	20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	5.5	J	10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	20		10	7.6	ug/L	10		8260C	Total/NA
Toluene	17		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	39		20	6.6	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-232535-1

Date Collected: 09/11/25 15:55

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/14/25 15:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/14/25 15:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/14/25 15:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/14/25 15:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/14/25 15:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/14/25 15:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/14/25 15:28	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/14/25 15:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/14/25 15:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/14/25 15:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/14/25 15:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/14/25 15:28	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/14/25 15:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/14/25 15:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/14/25 15:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/14/25 15:28	1
2-Hexanone	ND		5.0	1.2	ug/L			09/14/25 15:28	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/14/25 15:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/14/25 15:28	1
Acetone	4.3	J	10	3.0	ug/L			09/14/25 15:28	1
Benzene	ND		1.0	0.41	ug/L			09/14/25 15:28	1
Bromoform	ND		1.0	0.26	ug/L			09/14/25 15:28	1
Bromomethane	ND		1.0	0.69	ug/L			09/14/25 15:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/14/25 15:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/14/25 15:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/14/25 15:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/14/25 15:28	1
Chloroethane	ND		1.0	0.32	ug/L			09/14/25 15:28	1
Chloroform	ND		1.0	0.34	ug/L			09/14/25 15:28	1
Chloromethane	ND		1.0	0.35	ug/L			09/14/25 15:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/14/25 15:28	1
Cyclohexane	ND		1.0	0.18	ug/L			09/14/25 15:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/14/25 15:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/14/25 15:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/14/25 15:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/14/25 15:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/14/25 15:28	1
Methyl acetate	ND		2.5	1.3	ug/L			09/14/25 15:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/14/25 15:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/14/25 15:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/14/25 15:28	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/14/25 15:28	1
Naphthalene	ND		1.0	0.43	ug/L			09/14/25 15:28	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/14/25 15:28	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/14/25 15:28	1
o-Xylene	ND		1.0	0.76	ug/L			09/14/25 15:28	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/14/25 15:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/14/25 15:28	1
Toluene	ND		1.0	0.51	ug/L			09/14/25 15:28	1

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-232535-1

Date Collected: 09/11/25 15:55

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/14/25 15:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/14/25 15:28	1
Trichloroethene	ND		1.0	0.46	ug/L			09/14/25 15:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/14/25 15:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/14/25 15:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/14/25 15:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/14/25 15:28	1
Styrene	ND		1.0	0.73	ug/L			09/14/25 15:28	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/14/25 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		09/14/25 15:28	1
4-Bromofluorobenzene (Surr)	106		73 - 120		09/14/25 15:28	1
Toluene-d8 (Surr)	100		80 - 120		09/14/25 15:28	1
Dibromofluoromethane (Surr)	106		75 - 123		09/14/25 15:28	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-232535-2

Date Collected: 09/11/25 16:00

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/14/25 15:50	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/14/25 15:50	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/14/25 15:50	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/14/25 15:50	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/14/25 15:50	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/14/25 15:50	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/14/25 15:50	4
1,2,4-Trimethylbenzene	ND		4.0	3.0	ug/L			09/14/25 15:50	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/14/25 15:50	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/14/25 15:50	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/14/25 15:50	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/14/25 15:50	4
1,3,5-Trimethylbenzene	ND		4.0	3.1	ug/L			09/14/25 15:50	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/14/25 15:50	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/14/25 15:50	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/14/25 15:50	4
2-Hexanone	ND		20	5.0	ug/L			09/14/25 15:50	4
4-Isopropyltoluene	ND		4.0	1.2	ug/L			09/14/25 15:50	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/14/25 15:50	4
Acetone	ND		40	12	ug/L			09/14/25 15:50	4
Benzene	7.8		4.0	1.6	ug/L			09/14/25 15:50	4
Bromoform	ND		4.0	1.0	ug/L			09/14/25 15:50	4
Bromomethane	ND		4.0	2.8	ug/L			09/14/25 15:50	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/14/25 15:50	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/14/25 15:50	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/14/25 15:50	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/14/25 15:50	4
Chloroethane	ND		4.0	1.3	ug/L			09/14/25 15:50	4

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-232535-2

Date Collected: 09/11/25 16:00

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	2.4	J	4.0	1.4	ug/L			09/14/25 15:50	4
Chloromethane	ND		4.0	1.4	ug/L			09/14/25 15:50	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/14/25 15:50	4
Cyclohexane	ND		4.0	0.72	ug/L			09/14/25 15:50	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/14/25 15:50	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/14/25 15:50	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/14/25 15:50	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/14/25 15:50	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/14/25 15:50	4
Methyl acetate	ND		10	5.2	ug/L			09/14/25 15:50	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/14/25 15:50	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/14/25 15:50	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/14/25 15:50	4
m,p-Xylene	ND		8.0	2.6	ug/L			09/14/25 15:50	4
Naphthalene	2.9	J	4.0	1.7	ug/L			09/14/25 15:50	4
n-Butylbenzene	ND		4.0	2.6	ug/L			09/14/25 15:50	4
N-Propylbenzene	ND		4.0	2.8	ug/L			09/14/25 15:50	4
o-Xylene	ND		4.0	3.0	ug/L			09/14/25 15:50	4
sec-Butylbenzene	ND		4.0	3.0	ug/L			09/14/25 15:50	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/14/25 15:50	4
Toluene	ND		4.0	2.0	ug/L			09/14/25 15:50	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/14/25 15:50	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/14/25 15:50	4
Trichloroethene	ND		4.0	1.8	ug/L			09/14/25 15:50	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/14/25 15:50	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/14/25 15:50	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/14/25 15:50	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/14/25 15:50	4
Styrene	ND		4.0	2.9	ug/L			09/14/25 15:50	4
tert-Butylbenzene	ND		4.0	3.2	ug/L			09/14/25 15:50	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					09/14/25 15:50	4
4-Bromofluorobenzene (Surr)	106		73 - 120					09/14/25 15:50	4
Toluene-d8 (Surr)	101		80 - 120					09/14/25 15:50	4
Dibromofluoromethane (Surr)	107		75 - 123					09/14/25 15:50	4

Client Sample ID: Outside Sump

Lab Sample ID: 480-232535-3

Date Collected: 09/11/25 16:05

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/14/25 16:13	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/14/25 16:13	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/14/25 16:13	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/14/25 16:13	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/14/25 16:13	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/14/25 16:13	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/14/25 16:13	10

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-232535-3

Date Collected: 09/11/25 16:05

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			09/14/25 16:13	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/14/25 16:13	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/14/25 16:13	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/14/25 16:13	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/14/25 16:13	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			09/14/25 16:13	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/14/25 16:13	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/14/25 16:13	10
2-Butanone (MEK)	ND		100	13	ug/L			09/14/25 16:13	10
2-Hexanone	ND		50	12	ug/L			09/14/25 16:13	10
4-Isopropyltoluene	ND		10	3.1	ug/L			09/14/25 16:13	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/14/25 16:13	10
Acetone	ND		100	30	ug/L			09/14/25 16:13	10
Benzene	610		10	4.1	ug/L			09/14/25 16:13	10
Bromoform	ND		10	2.6	ug/L			09/14/25 16:13	10
Bromomethane	ND		10	6.9	ug/L			09/14/25 16:13	10
Carbon disulfide	ND		10	1.9	ug/L			09/14/25 16:13	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/14/25 16:13	10
Chlorobenzene	ND		10	7.5	ug/L			09/14/25 16:13	10
Dibromochloromethane	ND		10	3.2	ug/L			09/14/25 16:13	10
Chloroethane	ND		10	3.2	ug/L			09/14/25 16:13	10
Chloroform	ND		10	3.4	ug/L			09/14/25 16:13	10
Chloromethane	ND		10	3.5	ug/L			09/14/25 16:13	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/14/25 16:13	10
Cyclohexane	ND		10	1.8	ug/L			09/14/25 16:13	10
Bromodichloromethane	ND		10	3.9	ug/L			09/14/25 16:13	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/14/25 16:13	10
Ethylbenzene	16		10	7.4	ug/L			09/14/25 16:13	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/14/25 16:13	10
Isopropylbenzene	ND		10	7.9	ug/L			09/14/25 16:13	10
Methyl acetate	ND		25	13	ug/L			09/14/25 16:13	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/14/25 16:13	10
Methylcyclohexane	ND		10	1.6	ug/L			09/14/25 16:13	10
Methylene Chloride	ND		10	4.4	ug/L			09/14/25 16:13	10
m,p-Xylene	19 J		20	6.6	ug/L			09/14/25 16:13	10
Naphthalene	5.5 J		10	4.3	ug/L			09/14/25 16:13	10
n-Butylbenzene	ND		10	6.4	ug/L			09/14/25 16:13	10
N-Propylbenzene	ND		10	6.9	ug/L			09/14/25 16:13	10
o-Xylene	20		10	7.6	ug/L			09/14/25 16:13	10
sec-Butylbenzene	ND		10	7.5	ug/L			09/14/25 16:13	10
Tetrachloroethene	ND		10	3.6	ug/L			09/14/25 16:13	10
Toluene	17		10	5.1	ug/L			09/14/25 16:13	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/14/25 16:13	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/14/25 16:13	10
Trichloroethene	ND		10	4.6	ug/L			09/14/25 16:13	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/14/25 16:13	10
Vinyl chloride	ND		10	9.0	ug/L			09/14/25 16:13	10
Xylenes, Total	39		20	6.6	ug/L			09/14/25 16:13	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/14/25 16:13	10

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-232535-3

Date Collected: 09/11/25 16:05

Matrix: Water

Date Received: 09/11/25 16:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		10	7.3	ug/L			09/14/25 16:13	10
tert-Butylbenzene	ND		10	8.1	ug/L			09/14/25 16:13	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120					09/14/25 16:13	10
4-Bromofluorobenzene (Surr)	105		73 - 120					09/14/25 16:13	10
Toluene-d8 (Surr)	99		80 - 120					09/14/25 16:13	10
Dibromofluoromethane (Surr)	111		75 - 123					09/14/25 16:13	10

Surrogate Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-232535-1	Post Carbon 2	108	106	100	106
480-232535-2	Pre-Carbon	108	106	101	107
480-232535-3	Outside Sump	110	105	99	111
LCS 480-756869/6	Lab Control Sample	117	104	92	108
LCSD 480-756869/7	Lab Control Sample Dup	115	107	95	108
MB 480-756869/9	Method Blank	110	104	98	110

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Lab Sample ID: MB 480-756869/9

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/14/25 13:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/14/25 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/14/25 13:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/14/25 13:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/14/25 13:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/14/25 13:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/14/25 13:55	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/14/25 13:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/14/25 13:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/14/25 13:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/14/25 13:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/14/25 13:55	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/14/25 13:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/14/25 13:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/14/25 13:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/14/25 13:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/14/25 13:55	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/14/25 13:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/14/25 13:55	1
Acetone	ND		10	3.0	ug/L			09/14/25 13:55	1
Benzene	ND		1.0	0.41	ug/L			09/14/25 13:55	1
Bromoform	ND		1.0	0.26	ug/L			09/14/25 13:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/14/25 13:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/14/25 13:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/14/25 13:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/14/25 13:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/14/25 13:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/14/25 13:55	1
Chloroform	ND		1.0	0.34	ug/L			09/14/25 13:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/14/25 13:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/14/25 13:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/14/25 13:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/14/25 13:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/14/25 13:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/14/25 13:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/14/25 13:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/14/25 13:55	1
Methyl acetate	ND		2.5	1.3	ug/L			09/14/25 13:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/14/25 13:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/14/25 13:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/14/25 13:55	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/14/25 13:55	1
Naphthalene	ND		1.0	0.43	ug/L			09/14/25 13:55	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/14/25 13:55	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/14/25 13:55	1
o-Xylene	ND		1.0	0.76	ug/L			09/14/25 13:55	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/14/25 13:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/14/25 13:55	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Lab Sample ID: MB 480-756869/9

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			09/14/25 13:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/14/25 13:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/14/25 13:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/14/25 13:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/14/25 13:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/14/25 13:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/14/25 13:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/14/25 13:55	1
Styrene	ND		1.0	0.73	ug/L			09/14/25 13:55	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/14/25 13:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		09/14/25 13:55	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/14/25 13:55	1
Toluene-d8 (Surr)	98		80 - 120		09/14/25 13:55	1
Dibromofluoromethane (Surr)	110		75 - 123		09/14/25 13:55	1

Lab Sample ID: LCS 480-756869/6

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	73 - 126
1,1,1,2-Tetrachloroethane	25.0	21.2		ug/L		85	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.0		ug/L		108	61 - 148
1,1,2-Trichloroethane	25.0	22.6		ug/L		91	76 - 122
1,1-Dichloroethane	25.0	27.5		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	20.7		ug/L		83	79 - 122
1,2,4-Trimethylbenzene	25.0	23.0		ug/L		92	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.0		ug/L		88	56 - 134
1,2-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	28.1		ug/L		112	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		99	76 - 120
1,3,5-Trimethylbenzene	25.0	23.7		ug/L		95	77 - 121
1,3-Dichlorobenzene	25.0	22.9		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	22.4		ug/L		90	80 - 120
2-Butanone (MEK)	125	128		ug/L		103	57 - 140
2-Hexanone	125	108		ug/L		87	65 - 127
4-Isopropyltoluene	25.0	23.7		ug/L		95	73 - 120
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	71 - 125
Acetone	125	137		ug/L		110	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromoform	25.0	26.6		ug/L		106	61 - 132
Bromomethane	25.0	29.3		ug/L		117	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	29.4		ug/L		118	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Lab Sample ID: LCS 480-756869/6

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	25.4		ug/L		101	75 - 125
Chloroethane	25.0	28.1		ug/L		112	69 - 136
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	24.7		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
Cyclohexane	25.0	24.4		ug/L		98	59 - 135
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Dichlorodifluoromethane	25.0	25.8		ug/L		103	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
1,2-Dibromoethane	25.0	23.0		ug/L		92	77 - 120
Isopropylbenzene	25.0	24.1		ug/L		96	77 - 122
Methyl acetate	50.0	52.8		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	26.5		ug/L		106	77 - 120
Methylcyclohexane	25.0	26.6		ug/L		106	68 - 134
Methylene Chloride	25.0	26.2		ug/L		105	75 - 124
m,p-Xylene	25.0	23.6		ug/L		94	76 - 122
Naphthalene	25.0	20.6		ug/L		82	66 - 125
n-Butylbenzene	25.0	22.6		ug/L		91	71 - 128
N-Propylbenzene	25.0	23.8		ug/L		95	75 - 127
o-Xylene	25.0	22.6		ug/L		90	76 - 122
sec-Butylbenzene	25.0	24.0		ug/L		96	74 - 127
Tetrachloroethene	25.0	27.1		ug/L		108	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	26.3		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	23.7		ug/L		95	80 - 120
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	32.0		ug/L		128	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133
cis-1,3-Dichloropropene	25.0	26.6		ug/L		107	74 - 124
Styrene	25.0	22.2		ug/L		89	80 - 120
tert-Butylbenzene	25.0	25.1		ug/L		100	75 - 123

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	117		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	92		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

Lab Sample ID: LCSD 480-756869/7

Matrix: Water

Analysis Batch: 756869

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-Trichloroethane	25.0	25.9		ug/L		104	73 - 126	5	15
1,1,1,2-Tetrachloroethane	25.0	21.5		ug/L		86	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.0		ug/L		100	61 - 148	8	20
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	76 - 122	3	15
1,1-Dichloroethane	25.0	26.3		ug/L		105	77 - 120	4	20

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Lab Sample ID: LCSD 480-756869/7

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127	5	16
1,2,4-Trichlorobenzene	25.0	20.2		ug/L		81	79 - 122	2	20
1,2,4-Trimethylbenzene	25.0	22.1		ug/L		88	76 - 121	4	20
1,2-Dibromo-3-Chloropropane	25.0	21.8		ug/L		87	56 - 134	1	15
1,2-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 124	4	20
1,2-Dichloroethane	25.0	27.9		ug/L		112	75 - 120	1	20
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120	2	20
1,3,5-Trimethylbenzene	25.0	22.5		ug/L		90	77 - 121	5	20
1,3-Dichlorobenzene	25.0	22.1		ug/L		88	77 - 120	4	20
1,4-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 120	4	20
2-Butanone (MEK)	125	133		ug/L		107	57 - 140	4	20
2-Hexanone	125	114		ug/L		91	65 - 127	5	15
4-Isopropyltoluene	25.0	22.7		ug/L		91	73 - 120	4	20
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125	4	35
Acetone	125	137		ug/L		110	56 - 142	0	15
Benzene	25.0	25.3		ug/L		101	71 - 124	2	13
Bromoform	25.0	27.8		ug/L		111	61 - 132	5	15
Bromomethane	25.0	27.9		ug/L		112	55 - 144	5	15
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134	6	15
Carbon tetrachloride	25.0	28.0		ug/L		112	72 - 134	5	15
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120	1	25
Dibromochloromethane	25.0	25.6		ug/L		103	75 - 125	1	15
Chloroethane	25.0	26.1		ug/L		104	69 - 136	7	15
Chloroform	25.0	25.6		ug/L		102	73 - 127	3	20
Chloromethane	25.0	22.6		ug/L		90	68 - 124	9	15
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124	5	15
Cyclohexane	25.0	23.6		ug/L		94	59 - 135	4	20
Bromodichloromethane	25.0	26.5		ug/L		106	80 - 122	1	15
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135	6	20
Ethylbenzene	25.0	22.7		ug/L		91	77 - 123	2	15
1,2-Dibromoethane	25.0	23.5		ug/L		94	77 - 120	2	15
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122	5	20
Methyl acetate	50.0	53.5		ug/L		107	74 - 133	1	20
Methyl tert-butyl ether	25.0	25.7		ug/L		103	77 - 120	3	37
Methylcyclohexane	25.0	25.6		ug/L		102	68 - 134	4	20
Methylene Chloride	25.0	25.1		ug/L		101	75 - 124	4	15
m,p-Xylene	25.0	23.1		ug/L		92	76 - 122	2	16
Naphthalene	25.0	20.5		ug/L		82	66 - 125	1	20
n-Butylbenzene	25.0	21.4		ug/L		86	71 - 128	6	15
N-Propylbenzene	25.0	22.9		ug/L		92	75 - 127	4	15
o-Xylene	25.0	22.8		ug/L		91	76 - 122	1	16
sec-Butylbenzene	25.0	23.1		ug/L		92	74 - 127	4	15
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122	3	20
Toluene	25.0	22.9		ug/L		92	80 - 122	1	15
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	73 - 127	2	20
trans-1,3-Dichloropropene	25.0	24.0		ug/L		96	80 - 120	1	15
Trichloroethene	25.0	25.6		ug/L		102	74 - 123	3	16
Trichlorofluoromethane	25.0	30.1		ug/L		120	62 - 150	6	20
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133	5	15

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

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

Lab Sample ID: LCSD 480-756869/7

Matrix: Water

Analysis Batch: 756869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124	0	15
Styrene	25.0	22.7		ug/L		91	80 - 120	2	20
tert-Butylbenzene	25.0	25.1		ug/L		100	75 - 123	0	15

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	115		77 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	108		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

GC/MS VOA

Analysis Batch: 756869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232535-1	Post Carbon 2	Total/NA	Water	8260C	
480-232535-2	Pre-Carbon	Total/NA	Water	8260C	
480-232535-3	Outside Sump	Total/NA	Water	8260C	
MB 480-756869/9	Method Blank	Total/NA	Water	8260C	
LCS 480-756869/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-756869/7	Lab Control Sample Dup	Total/NA	Water	8260C	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-232535-1

Date Collected: 09/11/25 15:55

Matrix: Water

Date Received: 09/11/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	756869	AXK	EET BUF	09/14/25 15:28

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-232535-2

Date Collected: 09/11/25 16:00

Matrix: Water

Date Received: 09/11/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	756869	AXK	EET BUF	09/14/25 15:50

Client Sample ID: Outside Sump

Lab Sample ID: 480-232535-3

Date Collected: 09/11/25 16:05

Matrix: Water

Date Received: 09/11/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	756869	AXK	EET BUF	09/14/25 16:13

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

1

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Method Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Tonawanda East Niagara Street

Job ID: 480-232535-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-232535-1	Post Carbon 2	Water	09/11/25 15:55	09/11/25 16:30	New York
480-232535-2	Pre-Carbon	Water	09/11/25 16:00	09/11/25 16:30	New York
480-232535-3	Outside Sump	Water	09/11/25 16:05	09/11/25 16:30	New York

- 1
- 2
- 3
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- 11
- 12
- 13
- 14
- 15



CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION										REQUESTED ANALYSIS										LAB USE ONLY
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com			Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1056517					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109																				
Sampler(s) Name: <i>N Ward</i>			Sampler(s) Name:					number of preserved bottles																				
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	8260 (TCL + CP51)											
	Post Carbon 2					WG	3	3									X											
	Pre-Carbon					WG	3	3									X											
	Outside Sump					WG	3	3									X											



Turnaround Time (Business Days) <input checked="" type="radio"/> Standard 14 days <input type="radio"/> 1 day RUSH <input type="radio"/> Other _____ days	Lab PM Approval / Date _____ / _____ _____ / _____ _____ / _____	Laboratory Information Lab: Eurofins Address: 10 Hazelwood Dr. Amherst, NY 14228 Phone: 716-691-2600 Lab PM: John Beninati Lab PM Email: john.beninati@et.eurofins.com
--	--	--

- Data Deliverable Information**
- Commercial 'A' (Level 1) = Results Only
 - Commercial 'B' (Level 2) = Results + QC Summary
 - FULLT1 (Level 3 & 4)
 - NJ Reduced = Results + QC Summary + Partial Raw Data
 - Commercial 'C'
 - NJ Data of Known Quality Protocol Reporting
 - NYASP Category A
 - NYASP Category B
 - State Forms
 - EDD Format NYSDEC EQUIS
 - Other _____

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By: <i>Thomas Ward</i>	Date / Time: <i>9/11/25 1630</i>	Received By: <i>VS 9-11-25 1630</i>
1		
Relinquished By:	Date / Time:	Received By:
2		
Relinquished By:	Date / Time:	Received By:
3		

Custody Seal Number: Intact Preserved where applicable
 Not Intact On Ice Cooler Temp *15.4 IR#SC/ice*

9/16/2025 Page 23 of 25

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services, Inc.

Job Number: 480-232535-1

Login Number: 232535

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	15.3 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 10/9/2025 2:19:25 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-233213-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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10/9/2025 2:19:25 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25



Definitions/Glossary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services, Inc.
Project: NYSDEC Gastown Site

Job ID: 480-233213-1

Job ID: 480-233213-1

Eurofins Buffalo

Job Narrative 480-233213-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/2/2025 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.9°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-758860 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are: POST CARBON 2 (480-233213-1) and OUTSIDE SUMP (480-233213-3).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: OUTSIDE SUMP (480-233213-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The Laboratory Control Sample (LCS) was outside laboratory/project quality control limits (by 1 %) for the following analyte: Chlorobenzene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. The following sample is impacted: PRE-CARBON (480-233213-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-758949 recovered above the upper control limit for Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: PRE-CARBON (480-233213-2).

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

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-233213-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.5	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-233213-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19		10	3.0	ug/L	1		8260C	Total/NA
Benzene	3.0		1.0	0.41	ug/L	1		8260C	Total/NA
Chloroform	2.9		1.0	0.34	ug/L	1		8260C	Total/NA
Chloromethane	0.93	J	1.0	0.35	ug/L	1		8260C	Total/NA
Methylene Chloride	0.83	J	1.0	0.44	ug/L	1		8260C	Total/NA
m,p-Xylene	0.95	J	2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	1.8		1.0	0.43	ug/L	1		8260C	Total/NA
Xylenes, Total	0.95	J	2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-233213-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	120		100	30	ug/L	10		8260C	Total/NA
Benzene	110		10	4.1	ug/L	10		8260C	Total/NA
Chloroform	3.5	J	10	3.4	ug/L	10		8260C	Total/NA
Naphthalene	12		10	4.3	ug/L	10		8260C	Total/NA
Toluene	5.8	J	10	5.1	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-233213-1

Date Collected: 10/02/25 12:40

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/06/25 20:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/06/25 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/06/25 20:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/06/25 20:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/06/25 20:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/06/25 20:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/06/25 20:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/06/25 20:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/06/25 20:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/06/25 20:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/06/25 20:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/06/25 20:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/06/25 20:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/06/25 20:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/06/25 20:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/06/25 20:30	1
2-Hexanone	ND		5.0	1.2	ug/L			10/06/25 20:30	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			10/06/25 20:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/06/25 20:30	1
Acetone	3.5	J	10	3.0	ug/L			10/06/25 20:30	1
Benzene	ND		1.0	0.41	ug/L			10/06/25 20:30	1
Bromoform	ND		1.0	0.26	ug/L			10/06/25 20:30	1
Bromomethane	ND		1.0	0.69	ug/L			10/06/25 20:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/06/25 20:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/06/25 20:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/06/25 20:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/06/25 20:30	1
Chloroethane	ND		1.0	0.32	ug/L			10/06/25 20:30	1
Chloroform	ND		1.0	0.34	ug/L			10/06/25 20:30	1
Chloromethane	ND		1.0	0.35	ug/L			10/06/25 20:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/06/25 20:30	1
Cyclohexane	ND		1.0	0.18	ug/L			10/06/25 20:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/06/25 20:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/06/25 20:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/06/25 20:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/06/25 20:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/06/25 20:30	1
Methyl acetate	ND		2.5	1.3	ug/L			10/06/25 20:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/06/25 20:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/06/25 20:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/06/25 20:30	1
m,p-Xylene	ND		2.0	0.66	ug/L			10/06/25 20:30	1
Naphthalene	ND		1.0	0.43	ug/L			10/06/25 20:30	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/06/25 20:30	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/06/25 20:30	1
o-Xylene	ND		1.0	0.76	ug/L			10/06/25 20:30	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			10/06/25 20:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/06/25 20:30	1
Toluene	ND		1.0	0.51	ug/L			10/06/25 20:30	1

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-233213-1

Date Collected: 10/02/25 12:40

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/06/25 20:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/06/25 20:30	1
Trichloroethene	ND		1.0	0.46	ug/L			10/06/25 20:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/06/25 20:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/06/25 20:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/06/25 20:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/06/25 20:30	1
Styrene	ND		1.0	0.73	ug/L			10/06/25 20:30	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			10/06/25 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		10/06/25 20:30	1
4-Bromofluorobenzene (Surr)	84		73 - 120		10/06/25 20:30	1
Toluene-d8 (Surr)	94		80 - 120		10/06/25 20:30	1
Dibromofluoromethane (Surr)	88		75 - 123		10/06/25 20:30	1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-233213-2

Date Collected: 10/02/25 12:45

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/07/25 17:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/25 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/07/25 17:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/07/25 17:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/25 17:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/07/25 17:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/07/25 17:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/07/25 17:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/07/25 17:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/07/25 17:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/07/25 17:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/07/25 17:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/07/25 17:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/07/25 17:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/07/25 17:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/07/25 17:06	1
2-Hexanone	ND		5.0	1.2	ug/L			10/07/25 17:06	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			10/07/25 17:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/07/25 17:06	1
Acetone	19		10	3.0	ug/L			10/07/25 17:06	1
Benzene	3.0		1.0	0.41	ug/L			10/07/25 17:06	1
Bromoform	ND		1.0	0.26	ug/L			10/07/25 17:06	1
Bromomethane	ND		1.0	0.69	ug/L			10/07/25 17:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/07/25 17:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/07/25 17:06	1
Chlorobenzene	ND	*-	1.0	0.75	ug/L			10/07/25 17:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/07/25 17:06	1
Chloroethane	ND		1.0	0.32	ug/L			10/07/25 17:06	1

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-233213-2

Date Collected: 10/02/25 12:45

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	2.9		1.0	0.34	ug/L			10/07/25 17:06	1
Chloromethane	0.93	J	1.0	0.35	ug/L			10/07/25 17:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/25 17:06	1
Cyclohexane	ND		1.0	0.18	ug/L			10/07/25 17:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/07/25 17:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/25 17:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/25 17:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/07/25 17:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/07/25 17:06	1
Methyl acetate	ND		2.5	1.3	ug/L			10/07/25 17:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/07/25 17:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/07/25 17:06	1
Methylene Chloride	0.83	J	1.0	0.44	ug/L			10/07/25 17:06	1
m,p-Xylene	0.95	J	2.0	0.66	ug/L			10/07/25 17:06	1
Naphthalene	1.8		1.0	0.43	ug/L			10/07/25 17:06	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/07/25 17:06	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/07/25 17:06	1
o-Xylene	ND		1.0	0.76	ug/L			10/07/25 17:06	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			10/07/25 17:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/25 17:06	1
Toluene	ND		1.0	0.51	ug/L			10/07/25 17:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/25 17:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/07/25 17:06	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/25 17:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/25 17:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/07/25 17:06	1
Xylenes, Total	0.95	J	2.0	0.66	ug/L			10/07/25 17:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/07/25 17:06	1
Styrene	ND		1.0	0.73	ug/L			10/07/25 17:06	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			10/07/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					10/07/25 17:06	1
4-Bromofluorobenzene (Surr)	79		73 - 120					10/07/25 17:06	1
Toluene-d8 (Surr)	93		80 - 120					10/07/25 17:06	1
Dibromofluoromethane (Surr)	89		75 - 123					10/07/25 17:06	1

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-233213-3

Date Collected: 10/02/25 12:50

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			10/06/25 21:15	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			10/06/25 21:15	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			10/06/25 21:15	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			10/06/25 21:15	10
1,1-Dichloroethane	ND		10	3.8	ug/L			10/06/25 21:15	10
1,1-Dichloroethene	ND		10	2.9	ug/L			10/06/25 21:15	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			10/06/25 21:15	10

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-233213-3

Date Collected: 10/02/25 12:50

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			10/06/25 21:15	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			10/06/25 21:15	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			10/06/25 21:15	10
1,2-Dichloroethane	ND		10	2.1	ug/L			10/06/25 21:15	10
1,2-Dichloropropane	ND		10	7.2	ug/L			10/06/25 21:15	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			10/06/25 21:15	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			10/06/25 21:15	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			10/06/25 21:15	10
2-Butanone (MEK)	ND		100	13	ug/L			10/06/25 21:15	10
2-Hexanone	ND		50	12	ug/L			10/06/25 21:15	10
4-Isopropyltoluene	ND		10	3.1	ug/L			10/06/25 21:15	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			10/06/25 21:15	10
Acetone	120		100	30	ug/L			10/06/25 21:15	10
Benzene	110		10	4.1	ug/L			10/06/25 21:15	10
Bromoform	ND		10	2.6	ug/L			10/06/25 21:15	10
Bromomethane	ND		10	6.9	ug/L			10/06/25 21:15	10
Carbon disulfide	ND		10	1.9	ug/L			10/06/25 21:15	10
Carbon tetrachloride	ND		10	2.7	ug/L			10/06/25 21:15	10
Chlorobenzene	ND		10	7.5	ug/L			10/06/25 21:15	10
Dibromochloromethane	ND		10	3.2	ug/L			10/06/25 21:15	10
Chloroethane	ND		10	3.2	ug/L			10/06/25 21:15	10
Chloroform	3.5 J		10	3.4	ug/L			10/06/25 21:15	10
Chloromethane	ND		10	3.5	ug/L			10/06/25 21:15	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			10/06/25 21:15	10
Cyclohexane	ND		10	1.8	ug/L			10/06/25 21:15	10
Bromodichloromethane	ND		10	3.9	ug/L			10/06/25 21:15	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			10/06/25 21:15	10
Ethylbenzene	ND		10	7.4	ug/L			10/06/25 21:15	10
1,2-Dibromoethane	ND		10	7.3	ug/L			10/06/25 21:15	10
Isopropylbenzene	ND		10	7.9	ug/L			10/06/25 21:15	10
Methyl acetate	ND		25	13	ug/L			10/06/25 21:15	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			10/06/25 21:15	10
Methylcyclohexane	ND		10	1.6	ug/L			10/06/25 21:15	10
Methylene Chloride	ND		10	4.4	ug/L			10/06/25 21:15	10
m,p-Xylene	ND		20	6.6	ug/L			10/06/25 21:15	10
Naphthalene	12		10	4.3	ug/L			10/06/25 21:15	10
n-Butylbenzene	ND		10	6.4	ug/L			10/06/25 21:15	10
N-Propylbenzene	ND		10	6.9	ug/L			10/06/25 21:15	10
o-Xylene	ND		10	7.6	ug/L			10/06/25 21:15	10
sec-Butylbenzene	ND		10	7.5	ug/L			10/06/25 21:15	10
Tetrachloroethene	ND		10	3.6	ug/L			10/06/25 21:15	10
Toluene	5.8 J		10	5.1	ug/L			10/06/25 21:15	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			10/06/25 21:15	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			10/06/25 21:15	10
Trichloroethene	ND		10	4.6	ug/L			10/06/25 21:15	10
Trichlorofluoromethane	ND		10	8.8	ug/L			10/06/25 21:15	10
Vinyl chloride	ND		10	9.0	ug/L			10/06/25 21:15	10
Xylenes, Total	ND		20	6.6	ug/L			10/06/25 21:15	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			10/06/25 21:15	10

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-233213-3

Date Collected: 10/02/25 12:50

Matrix: Water

Date Received: 10/02/25 15:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		10	7.3	ug/L			10/06/25 21:15	10
tert-Butylbenzene	ND		10	8.1	ug/L			10/06/25 21:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					10/06/25 21:15	10
4-Bromofluorobenzene (Surr)	84		73 - 120					10/06/25 21:15	10
Toluene-d8 (Surr)	96		80 - 120					10/06/25 21:15	10
Dibromofluoromethane (Surr)	92		75 - 123					10/06/25 21:15	10

Surrogate Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-233213-1	POST CARBON 2	96	84	94	88
480-233213-2	PRE-CARBON	101	79	93	89
480-233213-3	OUTSIDE SUMP	100	84	96	92
LCS 480-758860/9	Lab Control Sample	99	84	93	89
LCS 480-758949/6	Lab Control Sample	100	81	93	88
MB 480-758860/11	Method Blank	99	85	92	89
MB 480-758949/8	Method Blank	98	84	92	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: MB 480-758860/11

Matrix: Water

Analysis Batch: 758860

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/06/25 12:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/06/25 12:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/06/25 12:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/06/25 12:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/06/25 12:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/06/25 12:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/06/25 12:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/06/25 12:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/06/25 12:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/06/25 12:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/06/25 12:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/06/25 12:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/06/25 12:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/06/25 12:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/06/25 12:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/06/25 12:57	1
2-Hexanone	ND		5.0	1.2	ug/L			10/06/25 12:57	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			10/06/25 12:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/06/25 12:57	1
Acetone	ND		10	3.0	ug/L			10/06/25 12:57	1
Benzene	ND		1.0	0.41	ug/L			10/06/25 12:57	1
Bromoform	ND		1.0	0.26	ug/L			10/06/25 12:57	1
Bromomethane	ND		1.0	0.69	ug/L			10/06/25 12:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/06/25 12:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/06/25 12:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/06/25 12:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/06/25 12:57	1
Chloroethane	ND		1.0	0.32	ug/L			10/06/25 12:57	1
Chloroform	ND		1.0	0.34	ug/L			10/06/25 12:57	1
Chloromethane	ND		1.0	0.35	ug/L			10/06/25 12:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/06/25 12:57	1
Cyclohexane	ND		1.0	0.18	ug/L			10/06/25 12:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/06/25 12:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/06/25 12:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/06/25 12:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/06/25 12:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/06/25 12:57	1
Methyl acetate	ND		2.5	1.3	ug/L			10/06/25 12:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/06/25 12:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/06/25 12:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/06/25 12:57	1
m,p-Xylene	ND		2.0	0.66	ug/L			10/06/25 12:57	1
Naphthalene	ND		1.0	0.43	ug/L			10/06/25 12:57	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/06/25 12:57	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/06/25 12:57	1
o-Xylene	ND		1.0	0.76	ug/L			10/06/25 12:57	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			10/06/25 12:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/06/25 12:57	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: MB 480-758860/11

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 758860

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			10/06/25 12:57	1
Toluene	ND		1.0	0.51	ug/L			10/06/25 12:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/06/25 12:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/06/25 12:57	1
Trichloroethene	ND		1.0	0.46	ug/L			10/06/25 12:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/06/25 12:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/06/25 12:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/06/25 12:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/06/25 12:57	1
Styrene	ND		1.0	0.73	ug/L			10/06/25 12:57	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			10/06/25 12:57	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		10/06/25 12:57	1
4-Bromofluorobenzene (Surr)	85		73 - 120		10/06/25 12:57	1
Toluene-d8 (Surr)	92		80 - 120		10/06/25 12:57	1
Dibromofluoromethane (Surr)	89		75 - 123		10/06/25 12:57	1

Lab Sample ID: LCS 480-758860/9

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 758860

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	23.0		ug/L		92	73 - 126
1,1,1,2-Tetrachloroethane	25.0	27.3		ug/L		109	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.8		ug/L		91	61 - 148
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	25.9		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	21.1		ug/L		84	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2,4-Trimethylbenzene	25.0	26.9		ug/L		108	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.1		ug/L		101	56 - 134
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	25.9		ug/L		104	76 - 120
1,3,5-Trimethylbenzene	25.0	26.4		ug/L		106	77 - 121
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	130		ug/L		104	65 - 127
4-Isopropyltoluene	25.0	26.4		ug/L		106	73 - 120
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	111		ug/L		89	56 - 142
Benzene	25.0	22.7		ug/L		91	71 - 124
Bromoform	25.0	21.4		ug/L		86	61 - 132
Bromomethane	25.0	19.7		ug/L		79	55 - 144
Carbon disulfide	25.0	24.1		ug/L		96	59 - 134
Carbon tetrachloride	25.0	22.7		ug/L		91	72 - 134

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: LCS 480-758860/9

Matrix: Water

Analysis Batch: 758860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	25.0	20.8		ug/L		83	80 - 120
Dibromochloromethane	25.0	21.5		ug/L		86	75 - 125
Chloroethane	25.0	20.6		ug/L		83	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	20.7		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	21.6		ug/L		86	74 - 124
Cyclohexane	25.0	29.2		ug/L		117	59 - 135
Bromodichloromethane	25.0	22.6		ug/L		91	80 - 122
Dichlorodifluoromethane	25.0	18.0		ug/L		72	59 - 135
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
1,2-Dibromoethane	25.0	21.4		ug/L		86	77 - 120
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	50.0	55.2		ug/L		110	74 - 133
Methyl tert-butyl ether	25.0	23.4		ug/L		93	77 - 120
Methylcyclohexane	25.0	23.7		ug/L		95	68 - 134
Methylene Chloride	25.0	23.2		ug/L		93	75 - 124
m,p-Xylene	25.0	21.6		ug/L		86	76 - 122
Naphthalene	25.0	22.5		ug/L		90	66 - 125
n-Butylbenzene	25.0	27.4		ug/L		110	71 - 128
N-Propylbenzene	25.0	26.9		ug/L		108	75 - 127
o-Xylene	25.0	22.1		ug/L		88	76 - 122
sec-Butylbenzene	25.0	25.9		ug/L		104	74 - 127
Tetrachloroethene	25.0	20.9		ug/L		83	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	22.1		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	20.8		ug/L		83	62 - 150
Vinyl chloride	25.0	19.8		ug/L		79	65 - 133
cis-1,3-Dichloropropene	25.0	22.5		ug/L		90	74 - 124
Styrene	25.0	22.1		ug/L		88	80 - 120
tert-Butylbenzene	25.0	25.3		ug/L		101	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	84		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	89		75 - 123

Lab Sample ID: MB 480-758949/8

Matrix: Water

Analysis Batch: 758949

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-Trichloroethane	ND		1.0	0.82	ug/L			10/07/25 11:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/25 11:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/07/25 11:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/07/25 11:29	1

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: MB 480-758949/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 758949

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/25 11:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/25 11:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/07/25 11:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/07/25 11:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/07/25 11:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/07/25 11:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/07/25 11:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/07/25 11:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/07/25 11:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/07/25 11:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/07/25 11:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/07/25 11:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/07/25 11:29	1
2-Hexanone	ND		5.0	1.2	ug/L			10/07/25 11:29	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			10/07/25 11:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/07/25 11:29	1
Acetone	ND		10	3.0	ug/L			10/07/25 11:29	1
Benzene	ND		1.0	0.41	ug/L			10/07/25 11:29	1
Bromoform	ND		1.0	0.26	ug/L			10/07/25 11:29	1
Bromomethane	ND		1.0	0.69	ug/L			10/07/25 11:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/07/25 11:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/07/25 11:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/07/25 11:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/07/25 11:29	1
Chloroethane	ND		1.0	0.32	ug/L			10/07/25 11:29	1
Chloroform	ND		1.0	0.34	ug/L			10/07/25 11:29	1
Chloromethane	ND		1.0	0.35	ug/L			10/07/25 11:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/25 11:29	1
Cyclohexane	ND		1.0	0.18	ug/L			10/07/25 11:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/07/25 11:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/25 11:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/25 11:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/07/25 11:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/07/25 11:29	1
Methyl acetate	ND		2.5	1.3	ug/L			10/07/25 11:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/07/25 11:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/07/25 11:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/25 11:29	1
m,p-Xylene	ND		2.0	0.66	ug/L			10/07/25 11:29	1
Naphthalene	ND		1.0	0.43	ug/L			10/07/25 11:29	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/07/25 11:29	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/07/25 11:29	1
o-Xylene	ND		1.0	0.76	ug/L			10/07/25 11:29	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			10/07/25 11:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/25 11:29	1
Toluene	ND		1.0	0.51	ug/L			10/07/25 11:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/25 11:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/07/25 11:29	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/25 11:29	1

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: MB 480-758949/8

Matrix: Water

Analysis Batch: 758949

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/25 11:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/25 11:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/07/25 11:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/07/25 11:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/07/25 11:29	1
Styrene	ND		1.0	0.73	ug/L			10/07/25 11:29	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			10/07/25 11:29	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		10/07/25 11:29	1
4-Bromofluorobenzene (Surr)	84		73 - 120		10/07/25 11:29	1
Toluene-d8 (Surr)	92		80 - 120		10/07/25 11:29	1
Dibromofluoromethane (Surr)	87		75 - 123		10/07/25 11:29	1

Lab Sample ID: LCS 480-758949/6

Matrix: Water

Analysis Batch: 758949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	22.1		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.4		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.7		ug/L		83	61 - 148
1,1,2-Trichloroethane	25.0	22.2		ug/L		89	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	21.0		ug/L		84	66 - 127
1,2,4-Trichlorobenzene	25.0	23.1		ug/L		92	79 - 122
1,2,4-Trimethylbenzene	25.0	25.7		ug/L		103	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		99	56 - 134
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	25.1		ug/L		101	76 - 120
1,3,5-Trimethylbenzene	25.0	25.1		ug/L		100	77 - 121
1,3-Dichlorobenzene	25.0	23.4		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Isopropyltoluene	25.0	25.3		ug/L		101	73 - 120
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	21.8		ug/L		87	71 - 124
Bromoform	25.0	19.7		ug/L		79	61 - 132
Bromomethane	25.0	19.2		ug/L		77	55 - 144
Carbon disulfide	25.0	22.7		ug/L		91	59 - 134
Carbon tetrachloride	25.0	21.5		ug/L		86	72 - 134
Chlorobenzene	25.0	19.8	*-	ug/L		79	80 - 120
Dibromochloromethane	25.0	20.1		ug/L		80	75 - 125
Chloroethane	25.0	20.9		ug/L		84	69 - 136
Chloroform	25.0	21.4		ug/L		86	73 - 127

Eurofins Buffalo

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

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

Lab Sample ID: LCS 480-758949/6

Matrix: Water

Analysis Batch: 758949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	25.0	21.9		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	21.0		ug/L		84	74 - 124
Cyclohexane	25.0	28.4		ug/L		113	59 - 135
Bromodichloromethane	25.0	21.8		ug/L		87	80 - 122
Dichlorodifluoromethane	25.0	20.7		ug/L		83	59 - 135
Ethylbenzene	25.0	21.8		ug/L		87	77 - 123
1,2-Dibromoethane	25.0	20.5		ug/L		82	77 - 120
Isopropylbenzene	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	50.0	55.6		ug/L		111	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	22.8		ug/L		91	68 - 134
Methylene Chloride	25.0	22.5		ug/L		90	75 - 124
m,p-Xylene	25.0	20.4		ug/L		82	76 - 122
Naphthalene	25.0	21.9		ug/L		88	66 - 125
n-Butylbenzene	25.0	26.6		ug/L		106	71 - 128
N-Propylbenzene	25.0	25.8		ug/L		103	75 - 127
o-Xylene	25.0	20.6		ug/L		82	76 - 122
sec-Butylbenzene	25.0	25.0		ug/L		100	74 - 127
Tetrachloroethene	25.0	19.4		ug/L		78	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	20.5		ug/L		82	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	80 - 120
Trichloroethene	25.0	21.1		ug/L		84	74 - 123
Trichlorofluoromethane	25.0	20.7		ug/L		83	62 - 150
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133
cis-1,3-Dichloropropene	25.0	21.6		ug/L		86	74 - 124
Styrene	25.0	20.6		ug/L		82	80 - 120
tert-Butylbenzene	25.0	24.0		ug/L		96	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	81		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	88		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

GC/MS VOA

Analysis Batch: 758860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233213-1	POST CARBON 2	Total/NA	Water	8260C	
480-233213-3	OUTSIDE SUMP	Total/NA	Water	8260C	
MB 480-758860/11	Method Blank	Total/NA	Water	8260C	
LCS 480-758860/9	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 758949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233213-2	PRE-CARBON	Total/NA	Water	8260C	
MB 480-758949/8	Method Blank	Total/NA	Water	8260C	
LCS 480-758949/6	Lab Control Sample	Total/NA	Water	8260C	



Lab Chronicle

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Client Sample ID: POST CARBON 2

Lab Sample ID: 480-233213-1

Date Collected: 10/02/25 12:40

Matrix: Water

Date Received: 10/02/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	758860	AXK	EET BUF	10/06/25 20:30

Client Sample ID: PRE-CARBON

Lab Sample ID: 480-233213-2

Date Collected: 10/02/25 12:45

Matrix: Water

Date Received: 10/02/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	758949	AXK	EET BUF	10/07/25 17:06

Client Sample ID: OUTSIDE SUMP

Lab Sample ID: 480-233213-3

Date Collected: 10/02/25 12:50

Matrix: Water

Date Received: 10/02/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	758860	AXK	EET BUF	10/06/25 21:15

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-233213-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-233213-1	POST CARBON 2	Water	10/02/25 12:40	10/02/25 15:00	New York
480-233213-2	PRE-CARBON	Water	10/02/25 12:45	10/02/25 15:00	New York
480-233213-3	OUTSIDE SUMP	Water	10/02/25 12:50	10/02/25 15:00	New York

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

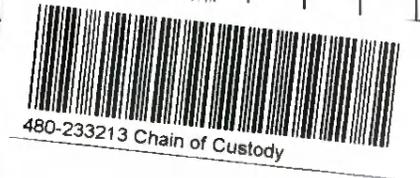


CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION		PROJECT INFORMATION				BILLING INFORMATION				REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com		Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1083750				Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109														
Sampler(s) Name: Jessica Paterson		Sampler(s) Name:				number of preserved bottles														
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	8260 (TCL + CP51)			
	Post Carbon 2	G	10/2/25	1240	JP	WG	3	3									X			
	Pre-Carbon	G	10/2/25	1245	JP	WG	3	3									X			
	Outside Sump	G	10/2/25	1250	JP	WG	3	3									X			



Page 24 of 25

Turnaround Time (Business Days): Standard 14 days, 1 day RUSH, Other _____ days

Lab PM Approval / Date: _____ / _____

Laboratory Information: Lab: Eurofins, Address: 10 Hazelwood Dr. Amherst, NY 14228, Phone: 716-691-2600, Lab PM: John Beninati, Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

- Commercial 'A' (Level 1) = Results Only
- Commercial 'B' (Level 2) = Results + QC Summary
- FULLT1 (Level 3 & 4)
- NJ Reduced = Results + QC Summary + Partial Raw Data
- Commercial 'C'
- NJ Data of Known Quality Protocol Reporting
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format NYSDEC EQuis
- Other _____

Please Email the EQ EDD Package to ges@equisonline.com
 EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: 1 J. Paterson	Date / Time: 1 10/2/25	Received By: 1 [Signature]
Relinquished By: 2	Date / Time: 2	Received By: 2 10/02/25 1500
Relinquished By: 3	Date / Time: 3	Received By: 3
Custody Seal Number:	<input type="checkbox"/> Intact <input type="checkbox"/> Preserved where applicable <input type="checkbox"/> Not Intact <input type="checkbox"/> On Ice	Cooler Temp: 9.9 IR#SC ICE

10/9/2025



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services, Inc.

Job Number: 480-233213-1

Login Number: 233213

List Number: 1

Creator: Wallace, Cameron

List Source: Eurofins Buffalo

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

Generated 11/10/2025 9:43:07 AM

JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-234215-1

Eurofins Buffalo

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	21
Lab Chronicle	22
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

Definitions/Glossary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services, Inc.
Project: NYSDEC Gastown Site

Job ID: 480-234215-1

Job ID: 480-234215-1

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Job Narrative 480-234215-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/4/2025 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 12.9°C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-761729 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: Post-Carbon 2 (480-234215-1), Pre-Carbon (480-234215-2) and Outside Sumo (480-234215-3).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-761729. The following samples are impacted: Post-Carbon 2 (480-234215-1), Pre-Carbon (480-234215-2) and Outside Sumo (480-234215-3).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Outside Sumo (480-234215-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Outside Sumo (480-234215-3). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-234215-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.52	J B	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-234215-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.1	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	27		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	2.5		1.0	0.74	ug/L	1		8260C	Total/NA
m,p-Xylene	1.9	J	2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	3.3		1.0	0.43	ug/L	1		8260C	Total/NA
o-Xylene	0.92	J	1.0	0.76	ug/L	1		8260C	Total/NA
Toluene	2.0		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	2.8		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: Outside Sumo

Lab Sample ID: 480-234215-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	100		10	7.4	ug/L	10		8260C	Total/NA
m,p-Xylene	50		20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	170		10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	30		10	7.6	ug/L	10		8260C	Total/NA
Toluene	110		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	80		20	6.6	ug/L	10		8260C	Total/NA
Benzene - DL	2300		40	16	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-234215-1

Date Collected: 11/04/25 14:10

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/25 13:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/25 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/25 13:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/25 13:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/25 13:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/25 13:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/25 13:53	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			11/05/25 13:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/25 13:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/25 13:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/25 13:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/25 13:53	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			11/05/25 13:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/25 13:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/25 13:53	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			11/05/25 13:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/25 13:53	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			11/05/25 13:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/25 13:53	1
Acetone	ND		10	3.0	ug/L			11/05/25 13:53	1
Benzene	ND		1.0	0.41	ug/L			11/05/25 13:53	1
Bromoform	ND		1.0	0.26	ug/L			11/05/25 13:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/25 13:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/25 13:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/25 13:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/25 13:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/25 13:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/25 13:53	1
Chloroform	0.52	J B	1.0	0.34	ug/L			11/05/25 13:53	1
Chloromethane	ND	*+	1.0	0.35	ug/L			11/05/25 13:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/25 13:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/25 13:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/25 13:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/25 13:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/25 13:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/25 13:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/25 13:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/25 13:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/25 13:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/25 13:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/25 13:53	1
m,p-Xylene	ND		2.0	0.66	ug/L			11/05/25 13:53	1
Naphthalene	ND		1.0	0.43	ug/L			11/05/25 13:53	1
n-Butylbenzene	ND		1.0	0.64	ug/L			11/05/25 13:53	1
N-Propylbenzene	ND		1.0	0.69	ug/L			11/05/25 13:53	1
o-Xylene	ND		1.0	0.76	ug/L			11/05/25 13:53	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			11/05/25 13:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/25 13:53	1
Toluene	ND		1.0	0.51	ug/L			11/05/25 13:53	1

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-234215-1

Date Collected: 11/04/25 14:10

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/25 13:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/25 13:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/25 13:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/25 13:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/25 13:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/25 13:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/25 13:53	1
Styrene	ND		1.0	0.73	ug/L			11/05/25 13:53	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			11/05/25 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		11/05/25 13:53	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/05/25 13:53	1
Toluene-d8 (Surr)	90		80 - 120		11/05/25 13:53	1
Dibromofluoromethane (Surr)	89		75 - 123		11/05/25 13:53	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-234215-2

Date Collected: 11/04/25 14:15

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/25 14:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/25 14:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/25 14:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/25 14:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/25 14:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/25 14:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/25 14:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			11/05/25 14:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/25 14:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/25 14:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/25 14:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/25 14:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			11/05/25 14:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/25 14:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/25 14:17	1
2-Butanone (MEK)	ND	+	10	1.3	ug/L			11/05/25 14:17	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/25 14:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			11/05/25 14:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/25 14:17	1
Acetone	6.1	J	10	3.0	ug/L			11/05/25 14:17	1
Benzene	27		1.0	0.41	ug/L			11/05/25 14:17	1
Bromoform	ND		1.0	0.26	ug/L			11/05/25 14:17	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/25 14:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/25 14:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/25 14:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/25 14:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/25 14:17	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/25 14:17	1

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-234215-2

Date Collected: 11/04/25 14:15

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			11/05/25 14:17	1
Chloromethane	ND	*+	1.0	0.35	ug/L			11/05/25 14:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/25 14:17	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/25 14:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/25 14:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/25 14:17	1
Ethylbenzene	2.5		1.0	0.74	ug/L			11/05/25 14:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/25 14:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/25 14:17	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/25 14:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/25 14:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/25 14:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/25 14:17	1
m,p-Xylene	1.9	J	2.0	0.66	ug/L			11/05/25 14:17	1
Naphthalene	3.3		1.0	0.43	ug/L			11/05/25 14:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			11/05/25 14:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			11/05/25 14:17	1
o-Xylene	0.92	J	1.0	0.76	ug/L			11/05/25 14:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			11/05/25 14:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/25 14:17	1
Toluene	2.0		1.0	0.51	ug/L			11/05/25 14:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/25 14:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/25 14:17	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/25 14:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/25 14:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/25 14:17	1
Xylenes, Total	2.8		2.0	0.66	ug/L			11/05/25 14:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/25 14:17	1
Styrene	ND		1.0	0.73	ug/L			11/05/25 14:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			11/05/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					11/05/25 14:17	1
4-Bromofluorobenzene (Surr)	102		73 - 120					11/05/25 14:17	1
Toluene-d8 (Surr)	90		80 - 120					11/05/25 14:17	1
Dibromofluoromethane (Surr)	94		75 - 123					11/05/25 14:17	1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-234215-3

Date Collected: 11/04/25 14:20

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/05/25 14:41	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/05/25 14:41	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/05/25 14:41	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/05/25 14:41	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/05/25 14:41	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/05/25 14:41	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/05/25 14:41	10

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-234215-3

Date Collected: 11/04/25 14:20

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			11/05/25 14:41	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/05/25 14:41	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/05/25 14:41	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/05/25 14:41	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/05/25 14:41	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			11/05/25 14:41	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/05/25 14:41	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/05/25 14:41	10
2-Butanone (MEK)	ND	*+	100	13	ug/L			11/05/25 14:41	10
2-Hexanone	ND		50	12	ug/L			11/05/25 14:41	10
4-Isopropyltoluene	ND		10	3.1	ug/L			11/05/25 14:41	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/05/25 14:41	10
Acetone	ND		100	30	ug/L			11/05/25 14:41	10
Bromoform	ND		10	2.6	ug/L			11/05/25 14:41	10
Bromomethane	ND		10	6.9	ug/L			11/05/25 14:41	10
Carbon disulfide	ND		10	1.9	ug/L			11/05/25 14:41	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/05/25 14:41	10
Chlorobenzene	ND		10	7.5	ug/L			11/05/25 14:41	10
Dibromochloromethane	ND		10	3.2	ug/L			11/05/25 14:41	10
Chloroethane	ND		10	3.2	ug/L			11/05/25 14:41	10
Chloroform	ND		10	3.4	ug/L			11/05/25 14:41	10
Chloromethane	ND	*+	10	3.5	ug/L			11/05/25 14:41	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/05/25 14:41	10
Cyclohexane	ND		10	1.8	ug/L			11/05/25 14:41	10
Bromodichloromethane	ND		10	3.9	ug/L			11/05/25 14:41	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/05/25 14:41	10
Ethylbenzene	100		10	7.4	ug/L			11/05/25 14:41	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/05/25 14:41	10
Isopropylbenzene	ND		10	7.9	ug/L			11/05/25 14:41	10
Methyl acetate	ND		25	13	ug/L			11/05/25 14:41	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/05/25 14:41	10
Methylcyclohexane	ND		10	1.6	ug/L			11/05/25 14:41	10
Methylene Chloride	ND		10	4.4	ug/L			11/05/25 14:41	10
m,p-Xylene	50		20	6.6	ug/L			11/05/25 14:41	10
Naphthalene	170		10	4.3	ug/L			11/05/25 14:41	10
n-Butylbenzene	ND		10	6.4	ug/L			11/05/25 14:41	10
N-Propylbenzene	ND		10	6.9	ug/L			11/05/25 14:41	10
o-Xylene	30		10	7.6	ug/L			11/05/25 14:41	10
sec-Butylbenzene	ND		10	7.5	ug/L			11/05/25 14:41	10
Tetrachloroethene	ND		10	3.6	ug/L			11/05/25 14:41	10
Toluene	110		10	5.1	ug/L			11/05/25 14:41	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/05/25 14:41	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/05/25 14:41	10
Trichloroethene	ND		10	4.6	ug/L			11/05/25 14:41	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/05/25 14:41	10
Vinyl chloride	ND		10	9.0	ug/L			11/05/25 14:41	10
Xylenes, Total	80		20	6.6	ug/L			11/05/25 14:41	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/05/25 14:41	10
Styrene	ND		10	7.3	ug/L			11/05/25 14:41	10

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Outside Sumo

Lab Sample ID: 480-234215-3

Date Collected: 11/04/25 14:20

Matrix: Water

Date Received: 11/04/25 14:34

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		10	8.1	ug/L			11/05/25 14:41	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					11/05/25 14:41	10
4-Bromofluorobenzene (Surr)	103		73 - 120					11/05/25 14:41	10
Toluene-d8 (Surr)	90		80 - 120					11/05/25 14:41	10
Dibromofluoromethane (Surr)	93		75 - 123					11/05/25 14:41	10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2300		40	16	ug/L			11/06/25 13:28	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120					11/06/25 13:28	40
4-Bromofluorobenzene (Surr)	102		73 - 120					11/06/25 13:28	40
Toluene-d8 (Surr)	90		80 - 120					11/06/25 13:28	40
Dibromofluoromethane (Surr)	92		75 - 123					11/06/25 13:28	40

Surrogate Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-234215-1	Post-Carbon 2	92	99	90	89
480-234215-2	Pre-Carbon	94	102	90	94
480-234215-3	Outside Sumo	94	103	90	93
480-234215-3 - DL	Outside Sumo	91	102	90	92
LCS 480-761729/6	Lab Control Sample	90	102	91	91
LCS 480-761861/6	Lab Control Sample	91	104	91	93
LCSD 480-761729/31	Lab Control Sample Dup	91	98	88	93
MB 480-761729/8	Method Blank	92	96	89	93
MB 480-761861/8	Method Blank	93	102	91	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: MB 480-761729/8

Matrix: Water

Analysis Batch: 761729

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/25 12:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/25 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/25 12:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/25 12:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/25 12:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/25 12:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/25 12:15	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			11/05/25 12:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/25 12:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/25 12:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/25 12:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/25 12:15	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			11/05/25 12:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/25 12:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/25 12:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/25 12:15	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/25 12:15	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			11/05/25 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/25 12:15	1
Acetone	ND		10	3.0	ug/L			11/05/25 12:15	1
Benzene	ND		1.0	0.41	ug/L			11/05/25 12:15	1
Bromoform	ND		1.0	0.26	ug/L			11/05/25 12:15	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/25 12:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/25 12:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/25 12:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/25 12:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/25 12:15	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/25 12:15	1
Chloroform	0.505	J	1.0	0.34	ug/L			11/05/25 12:15	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/25 12:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/25 12:15	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/25 12:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/25 12:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/25 12:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/25 12:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/25 12:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/25 12:15	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/25 12:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/25 12:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/25 12:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/25 12:15	1
m,p-Xylene	ND		2.0	0.66	ug/L			11/05/25 12:15	1
Naphthalene	ND		1.0	0.43	ug/L			11/05/25 12:15	1
n-Butylbenzene	ND		1.0	0.64	ug/L			11/05/25 12:15	1
N-Propylbenzene	ND		1.0	0.69	ug/L			11/05/25 12:15	1
o-Xylene	ND		1.0	0.76	ug/L			11/05/25 12:15	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			11/05/25 12:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/25 12:15	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: MB 480-761729/8

Matrix: Water

Analysis Batch: 761729

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			11/05/25 12:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/25 12:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/25 12:15	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/25 12:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/25 12:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/25 12:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/25 12:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/25 12:15	1
Styrene	ND		1.0	0.73	ug/L			11/05/25 12:15	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			11/05/25 12:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		11/05/25 12:15	1
4-Bromofluorobenzene (Surr)	96		73 - 120		11/05/25 12:15	1
Toluene-d8 (Surr)	89		80 - 120		11/05/25 12:15	1
Dibromofluoromethane (Surr)	93		75 - 123		11/05/25 12:15	1

Lab Sample ID: LCS 480-761729/6

Matrix: Water

Analysis Batch: 761729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.8		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.3		ug/L		101	61 - 148
1,1,2-Trichloroethane	25.0	25.6		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	28.2		ug/L		113	77 - 120
1,1-Dichloroethene	25.0	26.2		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	27.5		ug/L		110	79 - 122
1,2,4-Trimethylbenzene	25.0	24.0		ug/L		96	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		89	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	25.6		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	26.7		ug/L		107	76 - 120
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	77 - 121
1,3-Dichlorobenzene	25.0	23.9		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120
2-Butanone (MEK)	125	222	*+	ug/L		177	57 - 140
2-Hexanone	125	115		ug/L		92	65 - 127
4-Isopropyltoluene	25.0	24.6		ug/L		98	73 - 120
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	129		ug/L		103	56 - 142
Benzene	25.0	25.9		ug/L		104	71 - 124
Bromoform	25.0	28.4		ug/L		113	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	24.9		ug/L		100	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: LCS 480-761729/6

Matrix: Water

Analysis Batch: 761729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	25.9		ug/L		103	75 - 125
Chloroethane	25.0	27.8		ug/L		111	69 - 136
Chloroform	25.0	24.3		ug/L		97	73 - 127
Chloromethane	25.0	31.1		ug/L		124	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Dichlorodifluoromethane	25.0	26.3		ug/L		105	59 - 135
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	22.9		ug/L		92	77 - 120
Isopropylbenzene	25.0	24.6		ug/L		98	77 - 122
Methyl acetate	50.0	54.1		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	25.0	27.3		ug/L		109	75 - 124
m,p-Xylene	25.0	25.4		ug/L		101	76 - 122
Naphthalene	25.0	24.2		ug/L		97	66 - 125
n-Butylbenzene	25.0	25.2		ug/L		101	71 - 128
N-Propylbenzene	25.0	23.4		ug/L		93	75 - 127
o-Xylene	25.0	24.4		ug/L		98	76 - 122
sec-Butylbenzene	25.0	24.2		ug/L		97	74 - 127
Tetrachloroethene	25.0	27.5		ug/L		110	74 - 122
Toluene	25.0	24.9		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 150
Vinyl chloride	25.0	27.5		ug/L		110	65 - 133
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Styrene	25.0	24.7		ug/L		99	80 - 120
tert-Butylbenzene	25.0	24.4		ug/L		97	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	91		75 - 123

Lab Sample ID: LCSD 480-761729/31

Matrix: Water

Analysis Batch: 761729

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-Trichloroethane	25.0	28.0		ug/L		112	73 - 126	5	15
1,1,1,2-Tetrachloroethane	25.0	23.4		ug/L		94	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.5		ug/L		114	61 - 148	12	20
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122	1	15
1,1-Dichloroethane	25.0	28.8		ug/L		115	77 - 120	2	20

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: LCSD 480-761729/31

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 761729

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
1,1-Dichloroethene	25.0	27.1		ug/L		108	66 - 127	3	16
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	79 - 122	1	20
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	76 - 121	2	20
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/L		94	56 - 134	5	15
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124	1	20
1,2-Dichloroethane	25.0	26.1		ug/L		104	75 - 120	2	20
1,2-Dichloropropane	25.0	27.0		ug/L		108	76 - 120	1	20
1,3,5-Trimethylbenzene	25.0	25.0		ug/L		100	77 - 121	1	20
1,3-Dichlorobenzene	25.0	23.7		ug/L		95	77 - 120	1	20
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120	0	20
2-Butanone (MEK)	125	240	*+	ug/L		192	57 - 140	8	20
2-Hexanone	125	123		ug/L		98	65 - 127	6	15
4-Isopropyltoluene	25.0	24.7		ug/L		99	73 - 120	0	20
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125	6	35
Acetone	125	137		ug/L		109	56 - 142	6	15
Benzene	25.0	26.3		ug/L		105	71 - 124	2	13
Bromoform	25.0	29.6		ug/L		118	61 - 132	4	15
Bromomethane	25.0	24.3		ug/L		97	55 - 144	4	15
Carbon disulfide	25.0	25.8		ug/L		103	59 - 134	3	15
Carbon tetrachloride	25.0	27.9		ug/L		111	72 - 134	7	15
Chlorobenzene	25.0	23.7		ug/L		95	80 - 120	1	25
Dibromochloromethane	25.0	26.4		ug/L		105	75 - 125	2	15
Chloroethane	25.0	29.1		ug/L		116	69 - 136	5	15
Chloroform	25.0	25.5		ug/L		102	73 - 127	5	20
Chloromethane	25.0	32.7	*+	ug/L		131	68 - 124	5	15
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124	3	15
Cyclohexane	25.0	28.6		ug/L		114	59 - 135	6	20
Bromodichloromethane	25.0	26.4		ug/L		106	80 - 122	5	15
Dichlorodifluoromethane	25.0	27.1		ug/L		109	59 - 135	3	20
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123	1	15
1,2-Dibromoethane	25.0	24.1		ug/L		97	77 - 120	5	15
Isopropylbenzene	25.0	24.3		ug/L		97	77 - 122	1	20
Methyl acetate	50.0	57.3		ug/L		115	74 - 133	6	20
Methyl tert-butyl ether	25.0	26.1		ug/L		104	77 - 120	4	37
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134	2	20
Methylene Chloride	25.0	28.6		ug/L		114	75 - 124	5	15
m,p-Xylene	25.0	25.3		ug/L		101	76 - 122	0	16
Naphthalene	25.0	24.8		ug/L		99	66 - 125	3	20
n-Butylbenzene	25.0	24.7		ug/L		99	71 - 128	2	15
N-Propylbenzene	25.0	23.2		ug/L		93	75 - 127	1	15
o-Xylene	25.0	24.8		ug/L		99	76 - 122	1	16
sec-Butylbenzene	25.0	24.1		ug/L		96	74 - 127	1	15
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122	1	20
Toluene	25.0	24.9		ug/L		99	80 - 122	0	15
trans-1,2-Dichloroethene	25.0	26.6		ug/L		106	73 - 127	2	20
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120	2	15
Trichloroethene	25.0	26.5		ug/L		106	74 - 123	7	16
Trichlorofluoromethane	25.0	25.7		ug/L		103	62 - 150	4	20
Vinyl chloride	25.0	29.2		ug/L		117	65 - 133	6	15

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: LCSD 480-761729/31

Matrix: Water

Analysis Batch: 761729

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	25.0	27.9		ug/L		111	74 - 124	3	15
Styrene	25.0	24.9		ug/L		100	80 - 120	1	20
tert-Butylbenzene	25.0	24.3		ug/L		97	75 - 123	0	15

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	88		80 - 120
Dibromofluoromethane (Surr)	93		75 - 123

Lab Sample ID: MB 480-761861/8

Matrix: Water

Analysis Batch: 761861

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/25 12:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/25 12:40	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/25 12:40	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/25 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/25 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/25 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/25 12:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			11/06/25 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/25 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/25 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/25 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/25 12:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			11/06/25 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/25 12:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/25 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/25 12:40	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/25 12:40	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			11/06/25 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/25 12:40	1
Acetone	ND		10	3.0	ug/L			11/06/25 12:40	1
Benzene	ND		1.0	0.41	ug/L			11/06/25 12:40	1
Bromoform	ND		1.0	0.26	ug/L			11/06/25 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/25 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/25 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/25 12:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/25 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/25 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/25 12:40	1
Chloroform	0.448	J	1.0	0.34	ug/L			11/06/25 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/25 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/25 12:40	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/25 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/25 12:40	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: MB 480-761861/8

Matrix: Water

Analysis Batch: 761861

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/25 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/25 12:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/25 12:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/25 12:40	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/25 12:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/25 12:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/25 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/25 12:40	1
m,p-Xylene	ND		2.0	0.66	ug/L			11/06/25 12:40	1
Naphthalene	ND		1.0	0.43	ug/L			11/06/25 12:40	1
n-Butylbenzene	ND		1.0	0.64	ug/L			11/06/25 12:40	1
N-Propylbenzene	ND		1.0	0.69	ug/L			11/06/25 12:40	1
o-Xylene	ND		1.0	0.76	ug/L			11/06/25 12:40	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			11/06/25 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/25 12:40	1
Toluene	ND		1.0	0.51	ug/L			11/06/25 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/25 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/25 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/25 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/25 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/25 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/25 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/25 12:40	1
Styrene	ND		1.0	0.73	ug/L			11/06/25 12:40	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			11/06/25 12:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		11/06/25 12:40	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/06/25 12:40	1
Toluene-d8 (Surr)	91		80 - 120		11/06/25 12:40	1
Dibromofluoromethane (Surr)	93		75 - 123		11/06/25 12:40	1

Lab Sample ID: LCS 480-761861/6

Matrix: Water

Analysis Batch: 761861

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	22.4		ug/L		89	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	25.2		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	79 - 122
1,2,4-Trimethylbenzene	25.0	22.7		ug/L		91	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.0		ug/L		88	56 - 134
1,2-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: LCS 480-761861/6

Matrix: Water

Analysis Batch: 761861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
1,3,5-Trimethylbenzene	25.0	23.6		ug/L		94	77 - 121
1,3-Dichlorobenzene	25.0	22.5		ug/L		90	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Isopropyltoluene	25.0	23.0		ug/L		92	73 - 120
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		102	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromoform	25.0	28.9		ug/L		116	61 - 132
Bromomethane	25.0	21.6		ug/L		86	55 - 144
Carbon disulfide	25.0	24.7		ug/L		99	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120
Dibromochloromethane	25.0	25.2		ug/L		101	75 - 125
Chloroethane	25.0	25.5		ug/L		102	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	28.8		ug/L		115	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Cyclohexane	25.0	26.3		ug/L		105	59 - 135
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	23.4		ug/L		94	77 - 120
Isopropylbenzene	25.0	22.9		ug/L		91	77 - 122
Methyl acetate	50.0	53.9		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	24.8		ug/L		99	68 - 134
Methylene Chloride	25.0	27.2		ug/L		109	75 - 124
m,p-Xylene	25.0	24.5		ug/L		98	76 - 122
Naphthalene	25.0	23.1		ug/L		93	66 - 125
n-Butylbenzene	25.0	23.4		ug/L		94	71 - 128
N-Propylbenzene	25.0	21.7		ug/L		87	75 - 127
o-Xylene	25.0	23.7		ug/L		95	76 - 122
sec-Butylbenzene	25.0	22.7		ug/L		91	74 - 127
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	22.5		ug/L		90	62 - 150
Vinyl chloride	25.0	24.9		ug/L		99	65 - 133
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	74 - 124
Styrene	25.0	24.0		ug/L		96	80 - 120
tert-Butylbenzene	25.0	22.5		ug/L		90	75 - 123

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

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

Lab Sample ID: LCS 480-761861/6

Matrix: Water

Analysis Batch: 761861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	93		75 - 123

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QC Association Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

GC/MS VOA

Analysis Batch: 761729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-234215-1	Post-Carbon 2	Total/NA	Water	8260C	
480-234215-2	Pre-Carbon	Total/NA	Water	8260C	
480-234215-3	Outside Sumo	Total/NA	Water	8260C	
MB 480-761729/8	Method Blank	Total/NA	Water	8260C	
LCS 480-761729/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-761729/31	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 761861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-234215-3 - DL	Outside Sumo	Total/NA	Water	8260C	
MB 480-761861/8	Method Blank	Total/NA	Water	8260C	
LCS 480-761861/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Client Sample ID: Post-Carbon 2

Lab Sample ID: 480-234215-1

Date Collected: 11/04/25 14:10

Matrix: Water

Date Received: 11/04/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761729	AXK	EET BUF	11/05/25 13:53

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-234215-2

Date Collected: 11/04/25 14:15

Matrix: Water

Date Received: 11/04/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761729	AXK	EET BUF	11/05/25 14:17

Client Sample ID: Outside Sumo

Lab Sample ID: 480-234215-3

Date Collected: 11/04/25 14:20

Matrix: Water

Date Received: 11/04/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	761729	AXK	EET BUF	11/05/25 14:41
Total/NA	Analysis	8260C	DL	40	761861	AXK	EET BUF	11/06/25 13:28

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

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- 13
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Method Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-234215-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-234215-1	Post-Carbon 2	Water	11/04/25 14:10	11/04/25 14:34	New York
480-234215-2	Pre-Carbon	Water	11/04/25 14:15	11/04/25 14:34	New York
480-234215-3	Outside Sumo	Water	11/04/25 14:20	11/04/25 14:34	New York

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services, Inc.

Job Number: 480-234215-1

Login Number: 234215

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	12.9 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	G&E Services
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Thomas Palmer
Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue
Suite 1
Amherst, New York 14226

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JOB DESCRIPTION

NYSDEC Gastown Site

JOB NUMBER

480-235255-1

Eurofins Buffalo

Job Notes

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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Groundwater & Environmental Services, Inc.
Project: NYSDEC Gastown Site

Job ID: 480-235255-1

Job ID: 480-235255-1

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Job Narrative 480-235255-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/16/2025 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 11.4°C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-764987 recovered above the upper control limit for 1,2,4-Trichlorobenzene, 1,3,5-Trimethylbenzene, 4-Isopropyltoluene, Isopropylbenzene, Naphthalene, n-Butylbenzene, sec-Butylbenzene and tert-Butylbenzene. The sample associated with this CCV was non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: Post Carbon 2 (480-235255-1).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone (MEK), Acetonitrile with Methyl acetate in the full spike solution, these analyte s exceeded control limits in the laboratory control sample (LCS) associated with batch 480-765136 . The following samples were affected : Pre-Carbon (480-235255-2) and Outside Sump (480-235255-3).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Pre-Carbon (480-235255-2) and Outside Sump (480-235255-3). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-235255-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.40	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-235255-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	430		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	30		10	7.4	ug/L	10		8260C	Total/NA
m,p-Xylene	15	J	20	6.6	ug/L	10		8260C	Total/NA
Naphthalene	45		10	4.3	ug/L	10		8260C	Total/NA
o-Xylene	11		10	7.6	ug/L	10		8260C	Total/NA
Toluene	37		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	26		20	6.6	ug/L	10		8260C	Total/NA

Client Sample ID: Outside Sump

Lab Sample ID: 480-235255-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2400		40	16	ug/L	40		8260C	Total/NA
Ethylbenzene	150		40	30	ug/L	40		8260C	Total/NA
m,p-Xylene	58	J	80	26	ug/L	40		8260C	Total/NA
Naphthalene	230		40	17	ug/L	40		8260C	Total/NA
o-Xylene	36	J	40	30	ug/L	40		8260C	Total/NA
Toluene	170		40	20	ug/L	40		8260C	Total/NA
Xylenes, Total	94		80	26	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-235255-1

Date Collected: 12/16/25 13:30

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/25 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/25 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/25 12:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/25 12:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/25 12:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/25 12:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/25 12:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/17/25 12:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/25 12:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/25 12:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/25 12:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/25 12:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/17/25 12:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/25 12:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/25 12:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/25 12:22	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/25 12:22	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			12/17/25 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/25 12:22	1
Acetone	ND		10	3.0	ug/L			12/17/25 12:22	1
Benzene	ND		1.0	0.41	ug/L			12/17/25 12:22	1
Bromoform	ND		1.0	0.26	ug/L			12/17/25 12:22	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/25 12:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/25 12:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/25 12:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/25 12:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/25 12:22	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/25 12:22	1
Chloroform	0.40	J	1.0	0.34	ug/L			12/17/25 12:22	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/25 12:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/25 12:22	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/25 12:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/25 12:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/25 12:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/25 12:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/25 12:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/25 12:22	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/25 12:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/17/25 12:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/25 12:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/25 12:22	1
m,p-Xylene	ND		2.0	0.66	ug/L			12/17/25 12:22	1
Naphthalene	ND		1.0	0.43	ug/L			12/17/25 12:22	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/17/25 12:22	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/17/25 12:22	1
o-Xylene	ND		1.0	0.76	ug/L			12/17/25 12:22	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/17/25 12:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/25 12:22	1
Toluene	ND		1.0	0.51	ug/L			12/17/25 12:22	1

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-235255-1

Date Collected: 12/16/25 13:30

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/25 12:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/25 12:22	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/25 12:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/25 12:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/25 12:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/25 12:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/25 12:22	1
Styrene	ND		1.0	0.73	ug/L			12/17/25 12:22	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/17/25 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		12/17/25 12:22	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/17/25 12:22	1
Toluene-d8 (Surr)	101		80 - 120		12/17/25 12:22	1
Dibromofluoromethane (Surr)	101		75 - 123		12/17/25 12:22	1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-235255-2

Date Collected: 12/16/25 13:35

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			12/18/25 14:30	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			12/18/25 14:30	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			12/18/25 14:30	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			12/18/25 14:30	10
1,1-Dichloroethane	ND		10	3.8	ug/L			12/18/25 14:30	10
1,1-Dichloroethene	ND		10	2.9	ug/L			12/18/25 14:30	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			12/18/25 14:30	10
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			12/18/25 14:30	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			12/18/25 14:30	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			12/18/25 14:30	10
1,2-Dichloroethane	ND		10	2.1	ug/L			12/18/25 14:30	10
1,2-Dichloropropane	ND		10	7.2	ug/L			12/18/25 14:30	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			12/18/25 14:30	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			12/18/25 14:30	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			12/18/25 14:30	10
2-Butanone (MEK)	ND	+	100	13	ug/L			12/18/25 14:30	10
2-Hexanone	ND		50	12	ug/L			12/18/25 14:30	10
4-Isopropyltoluene	ND		10	3.1	ug/L			12/18/25 14:30	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			12/18/25 14:30	10
Acetone	ND		100	30	ug/L			12/18/25 14:30	10
Benzene	430		10	4.1	ug/L			12/18/25 14:30	10
Bromoform	ND		10	2.6	ug/L			12/18/25 14:30	10
Bromomethane	ND		10	6.9	ug/L			12/18/25 14:30	10
Carbon disulfide	ND		10	1.9	ug/L			12/18/25 14:30	10
Carbon tetrachloride	ND		10	2.7	ug/L			12/18/25 14:30	10
Chlorobenzene	ND		10	7.5	ug/L			12/18/25 14:30	10
Dibromochloromethane	ND		10	3.2	ug/L			12/18/25 14:30	10
Chloroethane	ND		10	3.2	ug/L			12/18/25 14:30	10

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-235255-2

Date Collected: 12/16/25 13:35

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	3.4	ug/L			12/18/25 14:30	10
Chloromethane	ND		10	3.5	ug/L			12/18/25 14:30	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			12/18/25 14:30	10
Cyclohexane	ND		10	1.8	ug/L			12/18/25 14:30	10
Bromodichloromethane	ND		10	3.9	ug/L			12/18/25 14:30	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			12/18/25 14:30	10
Ethylbenzene	30		10	7.4	ug/L			12/18/25 14:30	10
1,2-Dibromoethane	ND		10	7.3	ug/L			12/18/25 14:30	10
Isopropylbenzene	ND		10	7.9	ug/L			12/18/25 14:30	10
Methyl acetate	ND	*+	25	13	ug/L			12/18/25 14:30	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			12/18/25 14:30	10
Methylcyclohexane	ND		10	1.6	ug/L			12/18/25 14:30	10
Methylene Chloride	ND		10	4.4	ug/L			12/18/25 14:30	10
m,p-Xylene	15 J		20	6.6	ug/L			12/18/25 14:30	10
Naphthalene	45		10	4.3	ug/L			12/18/25 14:30	10
n-Butylbenzene	ND		10	6.4	ug/L			12/18/25 14:30	10
N-Propylbenzene	ND		10	6.9	ug/L			12/18/25 14:30	10
o-Xylene	11		10	7.6	ug/L			12/18/25 14:30	10
sec-Butylbenzene	ND		10	7.5	ug/L			12/18/25 14:30	10
Tetrachloroethene	ND		10	3.6	ug/L			12/18/25 14:30	10
Toluene	37		10	5.1	ug/L			12/18/25 14:30	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			12/18/25 14:30	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			12/18/25 14:30	10
Trichloroethene	ND		10	4.6	ug/L			12/18/25 14:30	10
Trichlorofluoromethane	ND		10	8.8	ug/L			12/18/25 14:30	10
Vinyl chloride	ND		10	9.0	ug/L			12/18/25 14:30	10
Xylenes, Total	26		20	6.6	ug/L			12/18/25 14:30	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			12/18/25 14:30	10
Styrene	ND		10	7.3	ug/L			12/18/25 14:30	10
tert-Butylbenzene	ND		10	8.1	ug/L			12/18/25 14:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		12/18/25 14:30	10
4-Bromofluorobenzene (Surr)	101		73 - 120		12/18/25 14:30	10
Toluene-d8 (Surr)	100		80 - 120		12/18/25 14:30	10
Dibromofluoromethane (Surr)	95		75 - 123		12/18/25 14:30	10

Client Sample ID: Outside Sump

Lab Sample ID: 480-235255-3

Date Collected: 12/16/25 13:40

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			12/18/25 14:54	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			12/18/25 14:54	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			12/18/25 14:54	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			12/18/25 14:54	40
1,1-Dichloroethane	ND		40	15	ug/L			12/18/25 14:54	40
1,1-Dichloroethene	ND		40	12	ug/L			12/18/25 14:54	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			12/18/25 14:54	40

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Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-235255-3

Date Collected: 12/16/25 13:40

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		40	30	ug/L			12/18/25 14:54	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			12/18/25 14:54	40
1,2-Dichlorobenzene	ND		40	32	ug/L			12/18/25 14:54	40
1,2-Dichloroethane	ND		40	8.4	ug/L			12/18/25 14:54	40
1,2-Dichloropropane	ND		40	29	ug/L			12/18/25 14:54	40
1,3,5-Trimethylbenzene	ND		40	31	ug/L			12/18/25 14:54	40
1,3-Dichlorobenzene	ND		40	31	ug/L			12/18/25 14:54	40
1,4-Dichlorobenzene	ND		40	34	ug/L			12/18/25 14:54	40
2-Butanone (MEK)	ND	*+	400	53	ug/L			12/18/25 14:54	40
2-Hexanone	ND		200	50	ug/L			12/18/25 14:54	40
4-Isopropyltoluene	ND		40	12	ug/L			12/18/25 14:54	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			12/18/25 14:54	40
Acetone	ND		400	120	ug/L			12/18/25 14:54	40
Benzene	2400		40	16	ug/L			12/18/25 14:54	40
Bromoform	ND		40	10	ug/L			12/18/25 14:54	40
Bromomethane	ND		40	28	ug/L			12/18/25 14:54	40
Carbon disulfide	ND		40	7.6	ug/L			12/18/25 14:54	40
Carbon tetrachloride	ND		40	11	ug/L			12/18/25 14:54	40
Chlorobenzene	ND		40	30	ug/L			12/18/25 14:54	40
Dibromochloromethane	ND		40	13	ug/L			12/18/25 14:54	40
Chloroethane	ND		40	13	ug/L			12/18/25 14:54	40
Chloroform	ND		40	14	ug/L			12/18/25 14:54	40
Chloromethane	ND		40	14	ug/L			12/18/25 14:54	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			12/18/25 14:54	40
Cyclohexane	ND		40	7.2	ug/L			12/18/25 14:54	40
Bromodichloromethane	ND		40	16	ug/L			12/18/25 14:54	40
Dichlorodifluoromethane	ND		40	27	ug/L			12/18/25 14:54	40
Ethylbenzene	150		40	30	ug/L			12/18/25 14:54	40
1,2-Dibromoethane	ND		40	29	ug/L			12/18/25 14:54	40
Isopropylbenzene	ND		40	32	ug/L			12/18/25 14:54	40
Methyl acetate	ND	*+	100	52	ug/L			12/18/25 14:54	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			12/18/25 14:54	40
Methylcyclohexane	ND		40	6.4	ug/L			12/18/25 14:54	40
Methylene Chloride	ND		40	18	ug/L			12/18/25 14:54	40
m,p-Xylene	58 J		80	26	ug/L			12/18/25 14:54	40
Naphthalene	230		40	17	ug/L			12/18/25 14:54	40
n-Butylbenzene	ND		40	26	ug/L			12/18/25 14:54	40
N-Propylbenzene	ND		40	28	ug/L			12/18/25 14:54	40
o-Xylene	36 J		40	30	ug/L			12/18/25 14:54	40
sec-Butylbenzene	ND		40	30	ug/L			12/18/25 14:54	40
Tetrachloroethene	ND		40	14	ug/L			12/18/25 14:54	40
Toluene	170		40	20	ug/L			12/18/25 14:54	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			12/18/25 14:54	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			12/18/25 14:54	40
Trichloroethene	ND		40	18	ug/L			12/18/25 14:54	40
Trichlorofluoromethane	ND		40	35	ug/L			12/18/25 14:54	40
Vinyl chloride	ND		40	36	ug/L			12/18/25 14:54	40
Xylenes, Total	94		80	26	ug/L			12/18/25 14:54	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			12/18/25 14:54	40

Client Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Outside Sump

Lab Sample ID: 480-235255-3

Date Collected: 12/16/25 13:40

Matrix: Water

Date Received: 12/16/25 13:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		40	29	ug/L			12/18/25 14:54	40
tert-Butylbenzene	ND		40	32	ug/L			12/18/25 14:54	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		12/18/25 14:54	40
4-Bromofluorobenzene (Surr)	103		73 - 120		12/18/25 14:54	40
Toluene-d8 (Surr)	104		80 - 120		12/18/25 14:54	40
Dibromofluoromethane (Surr)	94		75 - 123		12/18/25 14:54	40

Surrogate Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-235255-1	Post Carbon 2	97	97	101	101
480-235255-2	Pre-Carbon	95	101	100	95
480-235255-3	Outside Sump	91	103	104	94
LCS 480-764987/6	Lab Control Sample	100	94	100	103
LCS 480-765136/6	Lab Control Sample	93	95	96	96
MB 480-764987/8	Method Blank	97	96	102	103
MB 480-765136/9	Method Blank	94	96	95	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: MB 480-764987/8

Matrix: Water

Analysis Batch: 764987

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/17/25 12:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/25 12:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/17/25 12:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/17/25 12:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/17/25 12:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/17/25 12:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/17/25 12:00	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/17/25 12:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/17/25 12:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/17/25 12:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/17/25 12:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/17/25 12:00	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/17/25 12:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/17/25 12:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/17/25 12:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/17/25 12:00	1
2-Hexanone	ND		5.0	1.2	ug/L			12/17/25 12:00	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			12/17/25 12:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/17/25 12:00	1
Acetone	ND		10	3.0	ug/L			12/17/25 12:00	1
Benzene	ND		1.0	0.41	ug/L			12/17/25 12:00	1
Bromoform	ND		1.0	0.26	ug/L			12/17/25 12:00	1
Bromomethane	ND		1.0	0.69	ug/L			12/17/25 12:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/17/25 12:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/17/25 12:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/17/25 12:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/17/25 12:00	1
Chloroethane	ND		1.0	0.32	ug/L			12/17/25 12:00	1
Chloroform	ND		1.0	0.34	ug/L			12/17/25 12:00	1
Chloromethane	ND		1.0	0.35	ug/L			12/17/25 12:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/17/25 12:00	1
Cyclohexane	ND		1.0	0.18	ug/L			12/17/25 12:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/17/25 12:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/17/25 12:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/17/25 12:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/17/25 12:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/17/25 12:00	1
Methyl acetate	ND		2.5	1.3	ug/L			12/17/25 12:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/17/25 12:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/17/25 12:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/17/25 12:00	1
m,p-Xylene	ND		2.0	0.66	ug/L			12/17/25 12:00	1
Naphthalene	ND		1.0	0.43	ug/L			12/17/25 12:00	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/17/25 12:00	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/17/25 12:00	1
o-Xylene	ND		1.0	0.76	ug/L			12/17/25 12:00	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/17/25 12:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/17/25 12:00	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: MB 480-764987/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 764987

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	ND		1.0	0.51	ug/L			12/17/25 12:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/17/25 12:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/17/25 12:00	1
Trichloroethene	ND		1.0	0.46	ug/L			12/17/25 12:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/17/25 12:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/17/25 12:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/17/25 12:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/17/25 12:00	1
Styrene	ND		1.0	0.73	ug/L			12/17/25 12:00	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/17/25 12:00	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		12/17/25 12:00	1
4-Bromofluorobenzene (Surr)	96		73 - 120		12/17/25 12:00	1
Toluene-d8 (Surr)	102		80 - 120		12/17/25 12:00	1
Dibromofluoromethane (Surr)	103		75 - 123		12/17/25 12:00	1

Lab Sample ID: LCS 480-764987/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 764987

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,1,2-Tetrachloroethane	25.0	26.3		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.7		ug/L		115	61 - 148
1,1,2-Trichloroethane	25.0	26.6		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	28.9		ug/L		115	66 - 127
1,2,4-Trichlorobenzene	25.0	29.9		ug/L		120	79 - 122
1,2,4-Trimethylbenzene	25.0	28.0		ug/L		112	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	26.5		ug/L		106	56 - 134
1,2-Dichlorobenzene	25.0	27.6		ug/L		110	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	26.9		ug/L		107	76 - 120
1,3,5-Trimethylbenzene	25.0	28.5		ug/L		114	77 - 121
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 120
2-Butanone (MEK)	125	141		ug/L		113	57 - 140
2-Hexanone	125	118		ug/L		95	65 - 127
4-Isopropyltoluene	25.0	28.7		ug/L		115	73 - 120
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	151		ug/L		121	56 - 142
Benzene	25.0	26.9		ug/L		107	71 - 124
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	25.9		ug/L		104	55 - 144
Carbon disulfide	25.0	28.0		ug/L		112	59 - 134
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134
Chlorobenzene	25.0	26.2		ug/L		105	80 - 120

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: LCS 480-764987/6

Matrix: Water

Analysis Batch: 764987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	26.4		ug/L		106	75 - 125
Chloroethane	25.0	22.3		ug/L		89	69 - 136
Chloroform	25.0	26.6		ug/L		106	73 - 127
Chloromethane	25.0	25.6		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	27.7		ug/L		111	74 - 124
Cyclohexane	25.0	28.6		ug/L		114	59 - 135
Bromodichloromethane	25.0	26.7		ug/L		107	80 - 122
Dichlorodifluoromethane	25.0	30.9		ug/L		123	59 - 135
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
1,2-Dibromoethane	25.0	25.0		ug/L		100	77 - 120
Isopropylbenzene	25.0	28.7		ug/L		115	77 - 122
Methyl acetate	50.0	54.0		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	22.7		ug/L		91	77 - 120
Methylcyclohexane	25.0	29.5		ug/L		118	68 - 134
Methylene Chloride	25.0	28.6		ug/L		115	75 - 124
m,p-Xylene	25.0	26.3		ug/L		105	76 - 122
Naphthalene	25.0	28.8		ug/L		115	66 - 125
n-Butylbenzene	25.0	29.5		ug/L		118	71 - 128
N-Propylbenzene	25.0	28.3		ug/L		113	75 - 127
o-Xylene	25.0	26.6		ug/L		107	76 - 122
sec-Butylbenzene	25.0	29.5		ug/L		118	74 - 127
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	27.6		ug/L		110	73 - 127
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	80 - 120
Trichloroethene	25.0	26.5		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	28.4		ug/L		113	62 - 150
Vinyl chloride	25.0	26.4		ug/L		105	65 - 133
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
tert-Butylbenzene	25.0	28.9		ug/L		115	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: MB 480-765136/9

Matrix: Water

Analysis Batch: 765136

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-Trichloroethane	ND		1.0	0.82	ug/L			12/18/25 12:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/18/25 12:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/18/25 12:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/18/25 12:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/18/25 12:54	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: MB 480-765136/9

Matrix: Water

Analysis Batch: 765136

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/18/25 12:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/18/25 12:54	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/18/25 12:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/18/25 12:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/18/25 12:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/18/25 12:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/18/25 12:54	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/18/25 12:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/18/25 12:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/18/25 12:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/18/25 12:54	1
2-Hexanone	ND		5.0	1.2	ug/L			12/18/25 12:54	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			12/18/25 12:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/18/25 12:54	1
Acetone	ND		10	3.0	ug/L			12/18/25 12:54	1
Benzene	ND		1.0	0.41	ug/L			12/18/25 12:54	1
Bromoform	ND		1.0	0.26	ug/L			12/18/25 12:54	1
Bromomethane	ND		1.0	0.69	ug/L			12/18/25 12:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/18/25 12:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/18/25 12:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/18/25 12:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/18/25 12:54	1
Chloroethane	ND		1.0	0.32	ug/L			12/18/25 12:54	1
Chloroform	ND		1.0	0.34	ug/L			12/18/25 12:54	1
Chloromethane	ND		1.0	0.35	ug/L			12/18/25 12:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/18/25 12:54	1
Cyclohexane	ND		1.0	0.18	ug/L			12/18/25 12:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/18/25 12:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/18/25 12:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/18/25 12:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/18/25 12:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/18/25 12:54	1
Methyl acetate	ND		2.5	1.3	ug/L			12/18/25 12:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/18/25 12:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/18/25 12:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/18/25 12:54	1
m,p-Xylene	ND		2.0	0.66	ug/L			12/18/25 12:54	1
Naphthalene	ND		1.0	0.43	ug/L			12/18/25 12:54	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/18/25 12:54	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/18/25 12:54	1
o-Xylene	ND		1.0	0.76	ug/L			12/18/25 12:54	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/18/25 12:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/18/25 12:54	1
Toluene	ND		1.0	0.51	ug/L			12/18/25 12:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/18/25 12:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/18/25 12:54	1
Trichloroethene	ND		1.0	0.46	ug/L			12/18/25 12:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/18/25 12:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/18/25 12:54	1

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: MB 480-765136/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 765136

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Xylenes, Total	ND		2.0	0.66	ug/L			12/18/25 12:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/18/25 12:54	1
Styrene	ND		1.0	0.73	ug/L			12/18/25 12:54	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/18/25 12:54	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		12/18/25 12:54	1
4-Bromofluorobenzene (Surr)	96		73 - 120		12/18/25 12:54	1
Toluene-d8 (Surr)	95		80 - 120		12/18/25 12:54	1
Dibromofluoromethane (Surr)	96		75 - 123		12/18/25 12:54	1

Lab Sample ID: LCS 480-765136/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 765136

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	24.4		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.5		ug/L		110	61 - 148
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	26.6		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2,4-Trimethylbenzene	25.0	25.0		ug/L		100	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	21.8		ug/L		87	56 - 134
1,2-Dichlorobenzene	25.0	24.1		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	24.4		ug/L		97	76 - 120
1,3,5-Trimethylbenzene	25.0	25.3		ug/L		101	77 - 121
1,3-Dichlorobenzene	25.0	24.0		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Butanone (MEK)	125	195	*+	ug/L		156	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Isopropyltoluene	25.0	26.3		ug/L		105	73 - 120
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	108		ug/L		86	56 - 142
Benzene	25.0	24.9		ug/L		99	71 - 124
Bromoform	25.0	21.8		ug/L		87	61 - 132
Bromomethane	25.0	24.2		ug/L		97	55 - 144
Carbon disulfide	25.0	25.3		ug/L		101	59 - 134
Carbon tetrachloride	25.0	23.6		ug/L		94	72 - 134
Chlorobenzene	25.0	24.1		ug/L		97	80 - 120
Dibromochloromethane	25.0	22.9		ug/L		92	75 - 125
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	24.7		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135

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QC Sample Results

Client: Groundwater & Environmental Services, Inc.
 Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

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

Lab Sample ID: LCS 480-765136/6

Matrix: Water

Analysis Batch: 765136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Dichlorodifluoromethane	25.0	27.0		ug/L		108	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	69.5	*+	ug/L		139	74 - 133
Methyl tert-butyl ether	25.0	23.3		ug/L		93	77 - 120
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134
Methylene Chloride	25.0	25.2		ug/L		101	75 - 124
m,p-Xylene	25.0	24.7		ug/L		99	76 - 122
Naphthalene	25.0	23.8		ug/L		95	66 - 125
n-Butylbenzene	25.0	26.5		ug/L		106	71 - 128
N-Propylbenzene	25.0	25.2		ug/L		101	75 - 127
o-Xylene	25.0	24.9		ug/L		99	76 - 122
sec-Butylbenzene	25.0	25.8		ug/L		103	74 - 127
Tetrachloroethene	25.0	28.4		ug/L		114	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		103	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	25.4		ug/L		101	62 - 150
Vinyl chloride	25.0	25.2		ug/L		101	65 - 133
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	74 - 124
Styrene	25.0	25.4		ug/L		101	80 - 120
tert-Butylbenzene	25.0	26.5		ug/L		106	75 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	96		75 - 123

QC Association Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

GC/MS VOA

Analysis Batch: 764987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235255-1	Post Carbon 2	Total/NA	Water	8260C	
MB 480-764987/8	Method Blank	Total/NA	Water	8260C	
LCS 480-764987/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 765136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235255-2	Pre-Carbon	Total/NA	Water	8260C	
480-235255-3	Outside Sump	Total/NA	Water	8260C	
MB 480-765136/9	Method Blank	Total/NA	Water	8260C	
LCS 480-765136/6	Lab Control Sample	Total/NA	Water	8260C	



Lab Chronicle

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Client Sample ID: Post Carbon 2

Lab Sample ID: 480-235255-1

Date Collected: 12/16/25 13:30

Matrix: Water

Date Received: 12/16/25 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764987	AXK	EET BUF	12/17/25 12:22

Client Sample ID: Pre-Carbon

Lab Sample ID: 480-235255-2

Date Collected: 12/16/25 13:35

Matrix: Water

Date Received: 12/16/25 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	765136	AXK	EET BUF	12/18/25 14:30

Client Sample ID: Outside Sump

Lab Sample ID: 480-235255-3

Date Collected: 12/16/25 13:40

Matrix: Water

Date Received: 12/16/25 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	765136	AXK	EET BUF	12/18/25 14:54

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

1

2

3

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Method Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Groundwater & Environmental Services, Inc.
Project/Site: NYSDEC Gastown Site

Job ID: 480-235255-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-235255-1	Post Carbon 2	Water	12/16/25 13:30	12/16/25 13:50	New York
480-235255-2	Pre-Carbon	Water	12/16/25 13:35	12/16/25 13:50	New York
480-235255-3	Outside Sump	Water	12/16/25 13:40	12/16/25 13:50	New York

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #		Bottle Order Control #																		
Lab Quote #		Lab Job #																		
CLIENT/REPORTING INFORMATION		PROJECT INFORMATION			BILLING INFORMATION				REQUESTED ANALYSIS (see Test Code sheet)				LAB USE ONLY							
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com		Project Name: NYSDEC Tonawanda ENiagaraSt126 Project Address: 126 East Niagara Street, Tonawanda, NY Project PSID #: 1083760			Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924009///1109															
Sampler(s) Name:		Sampler(s) Name:			number of preserved bottles				8260 (TCL + CP51)											
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Sample Type (Grab or Comp)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber				
	Post Carbon 2	Grab	12/16/25	1330	NWard	WG	3	3									X			
	Pre-Carbon	Grab	12/16/25	1335	NWard	WG	3	3									X			
	Outside Sump	Grab	12/16/25	1340	NWard	WG	3	3									X			

Turnaround Time (Business Days)

- Standard 14 days
- 1 day RUSH
- Other _____ days

Lab PM Approval / Date

_____/_____/_____
 _____/_____/_____
 _____/_____/_____

Laboratory Information

Lab: Eurofins
 Address: 10 Hazelwood Dr. Amherst, NY 14228
 Phone: 716-691-2600
 Lab PM: John Beninati
 Lab PM Email: john.beninati@et.eurofins.com

Data Deliverable Information

- Commercial 'A' (Level 1) = Results Only
- Commercial 'B' (Level 2) = Results + QC Summary
- FULLT1 (Level 3 & 4)
- NJ Reduced = Results + QC Summary + Partial R
- Commercial 'C'
- NJ Data of Known Quality Protocol Reporting
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format NYSDEC EQuis
- Other

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda ENiagaraSt126_LabReport#.17811.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: 1 <i>Thomas Palmer</i>	Date / Time: 1 12/16/25 1350	Received By: 1 <i>NWard</i> 12-16-25 1350
Relinquished By: 2	Date / Time: 2	Received By: 2
Relinquished By: 3	Date / Time: 3	Received By: 3
Custody Seal Number:	<input type="checkbox"/> Intact <input type="checkbox"/> Preserved where applicable	<input type="checkbox"/> Not Intact <input type="checkbox"/> On Ice Cooler Temp _____



480-235255 Chain of Custody

11,4 12#30 Ice



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services, Inc.

Job Number: 480-235255-1

Login Number: 235255

List Number: 1

Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	11.4 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	G&E Services
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	