INVENTUM ENGINEERING, PC

February 17, 2025

Mr. Bradley Demo
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
700 Delaware Avenue
Buffalo, NY 14209

Re: 780 Ellicott Street LLC
NYSDEC Site No. 915143
Osmose Wood Preserving Facility
Site Management PRR (January 18, 2024, to January 18, 2025)

Dear Mr. Demo:

On behalf of 780 Ellicott Street, LLC, Inventum Engineering, P.C. (Inventum) is pleased to submit the attached revised Site Management (SM) Periodic Review Report (PRR) for the former Osmose Wood Preserving facility located at 980 Ellicott Street, Buffalo, New York. The PRR has been prepared pursuant to the August 23, 2017, Order on Consent and Administrative Settlement (Index No. R9-20170520-83) and Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation*.

The attached report summarizes the following SM activities conducted on site between January 18, 2024, and January 18, 2025.

Should you have any questions or if you would like to discuss any aspect of this report, please feel free to contact me at 571.217.3627 or todd.waldrop@inventumeng.com.

Sincerely,

Todd Waldrop

cc. J. Williams – 780 Ellicott Street
J. Yensan – OSC, Inc.

Enclosures

INVENTUM ENGINEERING, PC
441 Carlisle Dr., Suite C
Herndon, VA 20170

Enclosure A

Institutional Controls Certification Form

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 915143

Site Name Osmose Wood Preserving

Site Address: 980 Ellicott Street Zip Code: 14209
City/Town: Buffalo
County: Erie
Site Acreage: 0.533

Reporting Period: **January 18, 2024 to January 18, 2025**

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915143 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
Portion of 100.63-3-37	780 Ellicott Street, LLC	Monitoring Plan Site Management Plan IC/EC Plan Ground Water Use Restriction Landuse Restriction

Environmental Easement filed with Erie County on 07/29/2019.
Groundwater and Landuse Restrictions.
Site Management Plan.

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915143

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Todd Waldrop (print name) at 441 Carlisle Dr; Suite C; Herndon, VA, 20170 (print business address),

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

02/17/2025
Date

Enclosure B

Osmose Wood Preserving Facility
Site Management Periodic Review Report

780 Ellicott Street, LLC
NYSDEC Site Number 915143

Dates Covered by Report:
January 18, 2024, to January 18, 2025

Table of Contents

1 Executive Summary

1.1 Site Summary

Osmose formally operated a facility in Buffalo, New York which manufactured a variety of preservatives used in the treatment of wood and lumber products ("Site"). The Site is located at 980 Ellicott Street, Buffalo, New York and covers an area of approximately 4.3 acres. In 1980, 0.533 acre of the 4.3-acre facility was included in the New York Registry of Inactive Hazardous Waste Sites (Site No. 915143) as "Osmose Wood Preserving" (Figure 1; Appendix C).

The facility was closed in 2017, and all manufacturing operations were relocated to other Osmose facilities. In 2015 and 2016 Osmose negotiated a sale of the Site and several contiguous parcels. The sale of the property to 780 Ellicott Street, LLC closed in November 2016 and 780 Ellicott Street, LLC entered into an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) on August 23, 2017 (Index. No. R9-20170520-83) to complete the monitoring, reporting, and document the remediation of the Site. The Site has been remediated to commercial and industrial use standards and is currently being used for parking.

This Site Management (SM) Periodic Review Report (PRR) has been prepared in accordance with the Order on Consent and Administrative Settlement (Index. No. R9-20170520-83) and Section 6.3(b) of DER-10 *Technical Guidance for site Investigation and Remediation*.

This PRR covers the period between January 18, 2024, and January 18, 2025.

After Osmose completed the remedial work at the Site, some contamination was left, and Institutional Controls (ICs) were incorporated into the Site remedy to control exposure to remaining contamination and ensure protection of public health and the environment. An Environmental Easement was granted to the NYSDEC and recorded with the Erie County Clerk requiring compliance with and approved SMP and all ICs placed on the Site.

An SMP was prepared and submitted to the NYSDEC in August 2019. The SMP details activities that will be undertaken until the Environmental Easement is extinguished in accordance with ECL Article 71, Title 36 and includes, in summary:

- A two (2) year semi-annual groundwater sampling program of eight (8) existing monitoring wells (MW-001, MW-5, MW-11, MW-13, MW-15, MW-17, MW-25, and MW-28) for Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) to assess natural attenuation of residual groundwater concentrations.
- A two (2) year semi-annual groundwater depth monitoring program for eleven (11) existing monitoring wells (MW-001, MW-002, MW-5, MW-11, MW-13, MW-15, MW-17, MW-24, MW-25, MW-28, and RW-1[1]).

[1] RW-1 was unable to be gauged during the PRR period due to an obstruction/sediments in the well.

- Periodic inspections of monitoring well conditions and structural integrity and repairs and/or replacement as required.
- Annual reporting of semi-annual groundwater sampling and monitoring data; and
- Annual PRR preparation and submittal.

1.2 Effectiveness of the Remedial Program

The minimum two (2) year semi-annual groundwater sampling program as required under the 2017 Order on Consent was completed with the collection of the December 2019 sampling and groundwater sampling continues to be collected semi-annually based on the remaining residual groundwater concentrations. Supplemental actions completed subsequent to issuance of the Environmental Easement include the placement of Oxygen Release Compound (ORC) Advanced Filter Socks in monitoring wells MW-001, MW-15, MW-17, and MW-25 on January 14, 2020 (Figure 2) as specified in the PRR for reporting period January 18, 2019, to January 18, 2020. The socks were installed to provide a controlled and localized release of dissolved oxygen in the surrounding groundwater and were removed from the monitoring wells on September 23, 2020.

Groundwater monitoring and sampling was conducted on June 20, 2024, and November 12, 2024. A summary of field and laboratory sampling data for the June 20, 2024 monitoring is provided in Tables 1A, 2A, 3, and 4. A summary of field and laboratory data for the November 12, 2024, monitoring is provided in Tables 1B, 2B, 3 and 4. Groundwater sampling forms, site inspection forms, and monitoring well inspection forms are provided for reference in Appendix A.

All samples were analyzed for Target Compound List (TCL) VOCs (EPA Method 8260) and TCL SVOCs (EPA Method 8270). Figures 2a and 2b shows concentrations exceeding applicable Standards, Criteria, and Guidance (SCGs) values for the June and November 2024 sampling events.

A groundwater elevation contour map for the June and November 2024 sampling event is provided in Figure 3a and 3b.

No change of use occurred during the reporting period. No groundwater use occurred during the reporting period. No excavations occurred on the Site during the reporting period and no materials were imported to the Site.

The EQuIS formatted Electronic Data Deliverable (EDD) package for the June and November 2024 sampling event was submitted to the NYSDEC on February 17, 2025.

1.2.1 Progress During the Reporting Period

Data from the June 2024 and November 2024 sampling showed concentrations of certain constituents above the Class GA Ambient Water Quality Standard or Guidance Value (6 NYCRR 703.5) in monitoring wells MW-001, MW-5, MW-11, MW-13, MW-15, MW-17, MW-25, and MW-28. MW-28 was dry during the June 2024 sampling event and was not sampled.

The groundwater system continues to be relatively stable since active remediation was completed in August 2015 (Tables 3 and 4). Reductions in VOCs and SVOCs compared to maximum concentrations

pre-remedial action are between 90 and 100-percent in most wells (Table 4a). VOCs have stabilized at concentrations below laboratory detection limits or estimated concentrations below Class GA standards at a majority of the monitoring wells. Concentrations of VOCs above Class GA standards were still present during the reporting period at monitoring well MW-17 (Xylenes, Isopropylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Naphthalene). Concentrations of VOCs above Class GA standards were also present at MW-001 (1,2,4-Trimethylbenzene) and MW-5 (1,2,4-Trimethylbenzene and Naphthalene) in November 2024.

Concentrations of SVOCs above Class GA standards were detected in all monitoring wells during the June 2024 and November 2024 sampling events. The suite of analytes and magnitude of residual SVOCs (particularly PAHs) with concentrations remaining above Class GA standards are not atypical of shallow groundwater in urban/industrial areas of Buffalo, NY.

1.3 Compliance

No areas of non-compliance were noted during the reporting period.

1.3.1 Potential Non-compliance

No areas of non-compliance were noted during the reporting period.

1.3.2 Proposed Steps

No additional steps are necessary to maintain compliance.

1.4 Recommendations

1.4.1 Recommended Changes to the SMP

Inventum is proposing to decommission monitoring well RW-1 during the next reporting period. As noted in this PRR, RW-1 was not gauged during the reporting period due to an obstruction/sediments in the well. RW-1 is not included in the groundwater quality sampling program and there are two monitoring wells (MW-5 and MW-001) within 15 feet that provide both groundwater quality and groundwater flow data. Decommissioning RW-1 will not impact the ability to track the effectiveness of the remedial program. RW-1 will be decommissioned in accordance with NYSDEC CP-43 *Groundwater Monitoring Well Decommissioning Policy*. The NYSDEC will be notified at least 15-days prior to the decommissioning and documentation forms provided in the next PRR.

1.4.2 Recommend Changes to the Frequency for Submittal of PRRs

There is no recommended change to the frequency of the PRR.

1.4.3 Recommend Whether the Requirements for Discontinuing Site Management

It is appropriate to continue Site Management.

2 Site Location

2.1 Site Summary

Osmose formally operated a facility in Buffalo, New York which manufactured a variety of preservatives used in the treatment of wood and lumber products ("Site"). The Site is located at 980 Ellicott Street and covers an area of approximately 4.3 acres. In 1980, 0.533 acre of the 4.3-acre facility was included in the New York Registry of Inactive Hazardous Waste Sites (Site No. 915143) as "Osmose Wood Preserving" (Figure 1). The 2017 boundary survey of the Inactive Waste Site is provided for reference in Appendix C.

The facility was closed in 2017, and all manufacturing operations were relocated to other Osmose facilities. In 2015 and 2016 Osmose negotiated a sale of the Site and several contiguous parcels. The sale of the property to 780 Ellicott Street, LLC closed in November 2016 and 780 Ellicott Street, LLC entered an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) on August 23, 2017 (Index. No. R9-20170520-83) to complete the monitoring, reporting, and document the remediation of the Site. The Site has been remediated to commercial and industrial use standards and is currently being used for parking.

2.2 Chronology of the Remedial Program

The Site operated as a manufacturing facility from 1951 until approximately May 2015. Manufacturing at the Site included the formation/production of a variety of preservatives used in the treatment of lumber and wood products. According to previous reports, portions of the Site also historically contained a malt house, carriage works, automotive repair facility, and residential buildings. The chronology of the Site remedial program includes:

- December 1995 - Feasibility Study Report[1] recommending source removal, groundwater collection, in situ chemical treatment (ozone injection), and monitoring as the preferred remedial alternative to address historical VOC and SVOC contamination in the soil and groundwater.
- 2000 – 2005 – Operation of ozone injection and soil vapor extraction systems.
- 2000 – 2008 – Operation of LNAPL collection system.
- 2000 – 2015 – Operation of groundwater collection and treatment system.

3 Evaluate Remedy Performance, Effectiveness, and Protectiveness

3.1 IC/EC Requirements and Compliance

A series of Institutional Controls (IC) have been developed and are adhered to by the established Site environmental easement. These Institutional Controls are designed to:

- Address future exposure to remaining contamination by controlling disturbances of subsurface contamination.

[1] Groundwater Technology. December 22, 1995. Final Feasibility Study. Osmose Wood Preserving, Inc. NYSDEC Site No. 915143.

- Prohibit Site groundwater use.
- Limit the use and development of the Site to commercial and industrial uses only.

3.1.1 Status

Performance of Site IC/ECs is evaluated through the following tasks:

- Groundwater monitoring in accordance with the SMP; and,
- Annual Site-Wide inspection (Appendix A).

The Site IC/ECs are all currently active and in force.

3.1.2 Corrective Measures

No corrective measures are required at this time.

3.1.3 Conclusions and Recommendations

The remedy remains protective of human health and the environment.

3.2 IC/EC Certification

The IC/EC certifications are provided in Enclosure A with the cover letter.

4 Monitoring Plan Compliance Report

Components of the Monitoring Plan: Routine Site monitoring activities include:

- A two (2) year semi-annual groundwater sampling program of eight (8) existing monitoring wells (MW-001, MW-5, MW-11, MW-13, MW-15, MW-17, MW-25, and MW-28) for Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) to assess natural attenuation of residual groundwater concentrations.
- A two (2) year semi-annual groundwater depth monitoring program for eleven (11) existing monitoring wells (MW-001, MW-002, MW-5, MW-11, MW-13, MW-15, MW-17, MW-24, MW-25, MW-28, and RW-1).
- Periodic inspections of monitoring well conditions and structural integrity and repairs and/or replacement as required.
- Annual reporting of semi-annual groundwater sampling and monitoring data; and
- Annual PRR preparation and submittal.

The minimum two (2) year semi-annual groundwater sampling program as required under the 2017 Order on Consent was completed with the collection of the December 2019 sampling data; however, groundwater sampling continues according to a semi-annual schedule. ORC Advanced Filter Socks were installed in monitoring wells MW-001, MW-15, MW-17, and MW-25 on January 14, 2020 (Figure 2) as specified in the PRR for reporting period January 18, 2019, to January 18, 2020. The socks were installed to provide a controlled and localized release of dissolved oxygen in the surrounding groundwater and data provided in the previous PRR showed some localized effectiveness. The socks were removed from the monitoring wells on September 23, 2020. Residual concentrations of constituents have returned to levels prior to the ORC placement. The most recent data suggests a similar trend to the previous year.

Detections and concentrations at or above Class GA Ambient Water Quality Standard or Guidance Value (6 NYCRR 703.5) were present in the eight wells sampled.

Groundwater monitoring and sampling was conducted on June 20, 2024, and November 12, 2024. A summary of field and laboratory sampling data for June 2024 and November 2024 is provided in Tables 1 through 4. Groundwater sampling forms and monitoring well inspection forms are provided for reference in Appendix A.

All samples were analyzed for Target Compound List (TCL) VOCs (EPA Method 8260) and TCL SVOCs (EPA Method 8270). Figures 2a and 2b shows concentrations exceeding applicable Standards, Criteria, and Guidance (SCGs) values for the June 2024 and November 2024 sampling event. Non-aqueous phase liquids (NAPL) were not detected during the reporting period.

Groundwater sampling purge water was containerized in an open top 55-gallon DOT-compliant drum, labeled as non-hazardous waste, and stored in an onsite loading bay. The former groundwater treatment system shed has been demolished and removed. All drums and equipment associated with the former groundwater treatment system have been stored onsite in a locked and secure loading bay/garage. The drums still contain space for additional sampling events and are in good condition and will be disposed of as a non-hazardous waste following the next (June 2025) sampling event. Any additional sampling of the water as may be required from the disposal facility will be included in PRR period in which it is conducted.

A groundwater elevation contour map for the June 2024 and November 2024 sampling event is provided in Figure 3A and Figure 3B.

The EQuIS formatted Electronic Data Deliverable (EDD) package for the June 2024 and November 2024 sampling events were submitted to the NYSDEC on February 17, 2025. The associated laboratory data reports are provided in Appendix B.

4.1 Comparisons with Remedial Objectives

The groundwater system has been relatively stable since active remediation was completed in August 2015 (Tables 3 and 4). MW-001, MW-5, MW-11, MW-13, MW-15, MW-17, MW-25, and MW-28 contain concentrations of certain constituents above the Class GA Ambient Water Quality Standard or Guidance Value (6 NYCRR 703.5).

MW-17 contains exceedances for total Xylenes, Isopropylbenzene, Naphthalene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, and several SVOCs (acenaphthene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3,-cd)pyrene, fluorene, naphthalene, and pentachlorophenol). Naphthalene (230 µg/L), acenaphthene (100 µg/L), fluorene (55 µg/L) and phenanthrene (41 µg/L) were detected at concentrations similar to pre-ORC application levels (Table 2A and 2B).

NAPL was not detected in any monitoring well during the reporting period.

4.2 Monitoring Deficiencies

Monitoring well RW-1 was noted by field staff on June 6, 2023, to be obstructed with a bentonite like material indicating the well has been compromised. RW-1 was not gauged during this reporting period. Inventum is proposing to decommission monitoring well RW-1 during the next reporting period as noted in Section 1.4.1.

4.3 Conclusions and Recommendations for Changes

Historical and current groundwater quality data (Tables 2, 3, 4, 5, 6, and 7) indicates the groundwater system has been relatively stable since active remediation was completed in August 2015. Total VOCs are below 1 mg/L in all monitoring wells.

Groundwater concentrations at MW-17 remain elevated compared to the other monitoring wells. The remaining wells show relatively stable overall trends with natural and anticipated fluctuations in concentrations between sampling events (Table 4a). Groundwater will continue to be evaluated over the course of the next reporting period.

Inventum recommends decommissioning RW-1 during the 2025-2026 reporting period. No other changes are recommended at this time.

5 Overall PRR Conclusions and Recommendations

Activities completed during the reporting period complied with the requirements of the SMP.

5.1 Performance and Effectiveness of the Remedy

The remedy remains demonstrably effective.

5.2 Future PRR Submittals:

It is currently expected that the next PRR will be submitted on or about February 17, 2026.

Tables

Table 1A
2024 Periodic Review Report
June 2024 Field Parameters
Osmose Wook Preserving Site
Site No. 915143

Well ID		**MW-001**	MW-002	**MW-5**	MW-11	**MW-13**	MW-15	**MW-17**	MW-24	**MW-25**	**MW-28**	RW-1(b)
Casing Elevation	**(ft)**	640.03	641.01	643.93	639.72	639.45	639.52	639.75	640.59	639.42	639.71	640.20
Date		06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24	06/20/24
Depth to Water	(ft)	4.85	3.65	4.12	5.81	2.29	1.53	5.87	6.45	4.07	N/A	N/A
Water Elevation	(ft-msl)	635.18	637.36	639.81	633.91	637.16	637.99	633.88	634.14	635.35	N/A	N/A
Depth to Product	(ft)	none	none	none	none	none	none	none	none	none	none	none
Product Elevation	(ft-msl)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Temperature	^{o}C	14.4	18.4	13.9	16.3	13.6	14.4	13.3	14.1	19.5	14	N/A
Specific Conductance	(ms/cm)	1.828	0.947	0.595	6.288	0.469	3.529	6.693	2.560	1.095	2.37	N/A
pH	s.u.	6.98	7.68	7.34	11.63	7.69	7.38	6.76	7.14	7.49	6.9	N/A
(a) Dissolved Oxygen (O_2)	(mg/L)	0.00	0.1	1.93	1.6	1.92	4.09	0	0.18	3.96	1.82	N/A
ORP	mV	-219.5	-183.1	-103	-229.1	7.6	-2.8	-190.1	-140.5	45.2	59.9	N/A
Turbidity	NTU	118.22	34	60	25.75	300	394.41	45.16	82.26	287.19	3.0	N/A

Notes:
(a) ORC Advanced socks were placed in MW-001, MW-15, MW-17, and MW-25 in January 2020 and removed in September 2020.
(b) RW-1 fill and sealed with bentonite. Unable to gauge and sample well.

Table 1B
2024 Periodic Review Report
November 2024 Field Parameters
Osmose Wook Preserving Site
Site No. 915143

Well ID		**MW-001**	MW-002	**MW-5**	MW-11	**MW-13**	MW-15	**MW-17**	MW-24	**MW-25**	**MW-28**	RW-1(b)
Casing Elevation	**(ft)**	640.03	641.01	643.93	639.72	639.45	639.52	639.75	640.59	639.42	639.96	640.20
Date		11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24	11/12/24
Depth to Water	(ft)	7.45	4.18	6.85	7.35	3.14	1.98	7.2	7.7	6.64	7.91	N/A
Water Elevation	(ft-msl)	632.58	636.83	637.08	632.37	636.31	637.54	632.55	632.89	632.78	632.05	N/A
Depth to Product	(ft)	none	none	none	none	none	none	none	none	none	none	none
Product Elevation	(ft-msl)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Temperature	°C	17.9	17.9	17.9	17.0	17.4	16.8	17.2	17.7	19.1	16.6	N/A
Specific Conductance	(ms/cm)	0.763	0.309	0.333	6.54	0.450	0.560	1.901	2.717	1.277	1.325	N/A
pH	s.u.	7.36	7.75	7.63	8.3	7.65	7.76	7.22	7.17	7.37	7.20	N/A
(a) Dissolved Oxygen (O_2)	(mg/L)	0.19	0.69	6.09	0.77	8.51	9.18	0.26	0.06	1.76	2.28	N/A
ORP	mV	-320.9	-194.1	-222.3	-135.8	203.4	174	-305.9	-134.8	47.5	-147.3	N/A
Turbidity	NTU	65.02	95.66	80.11	485.03	427.13	212.84	199.30	225.55	200.14	11.90	N/A

Notes:
(a) ORC Advanced socks were placed in MW-001, MW-15, MW-17, and MW-25 in January 2020 and removed in September 2020.
(b) RW-1 fill and sealed with bentonite. Unable to gauge and sample well.

Table 2A
2024 Periodic Review Report
June 2024 Groundwater Data
Osmose Wood Preserving Site
Site No. 915143

ANALYTE	Ambient Water Quality Standards and Guidance Values	Sample ID:	MW001-06202024		MW11-06202024		MW13-06202024		MW15-06202024		MW17-06202024		MW25-06202024		MW5-06202024		MW99-06202024	
		Collection Date:	6/20/2024		6/20/2024		6/20/2024		6/20/2024		6/20/2024		6/20/2024		6/20/2024		6/20/2024	
		Sample Matrix:	Water		Water		Water		Water		Water		Water		Water		Water	
		Units															DUP for MW-17	
VOLATILE ORGANICS BY GC/MS																		
Methylene chloride	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,1-Dichloroethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Chloroform	7	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Carbon tetrachloride	5	ug/L	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.27	U	<0.13	U	<0.13	U	<0.34	U
1,2-Dichloropropane	1	ug/L	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.27	U	<0.14	U	<0.14	U	<0.34	U
Dibromochloromethane	50	ug/L	<0.15	U	<0.15	U	<0.15	U	<0.15	U	<0.3	U	<0.15	U	<0.15	U	<0.37	U
1,1,2-Trichloroethane	1	ug/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<1	U	<0.5	U	<0.5	U	<1.2	U
Tetrachloroethene	5	ug/L	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.36	U	<0.18	U	<0.18	U	<0.45	U
Chlorobenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Trichlorofluoromethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,2-Dichloroethane	0.6	ug/L	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.26	U	<0.13	U	<0.13	U	<0.33	U
1,1,1-Trichloroethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Bromodichloromethane	50	ug/L	<0.19	U	<0.19	U	<0.19	U	<0.19	U	<0.38	U	<0.19	U	<0.19	U	<0.48	U
trans-1,3-Dichloropropene	0.4	ug/L	<0.16	U	<0.16	U	<0.16	U	<0.16	U	<0.33	U	<0.16	U	<0.16	U	<0.41	U
cis-1,3-Dichloropropene	0.4	ug/L	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.29	U	<0.14	U	<0.14	U	<0.36	U
Bromoform	50	ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<1.3	U	<0.65	U	<0.65	U	<1.6	U
1,1,2,2-Tetrachloroethane	5	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.33	U	<0.17	U	<0.17	U	<0.42	U
Benzene	1	ug/L	<0.16	U	<0.16	U	<0.16	U	<0.16	U	<0.32	U	<0.16	U	<0.16	U	<0.4	U
Toluene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Ethylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**3.8**	J	<0.7	U	<0.7	U	**4.1**	J
Chloromethane		ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Bromomethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Vinyl chloride	2	ug/L	<0.07	U	<0.07	U	<0.07	U	<0.07	U	<0.14	U	<0.07	U	<0.07	U	<0.18	U
Chloroethane	5	ug/L	<0.7	U	**1**	J	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,1-Dichloroethene	5	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.34	U	<0.17	U	<0.17	U	<0.42	U
trans-1,2-Dichloroethene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Trichloroethene	5	ug/L	<0.18	U	<0.18	U	<0.18	U	<0.18	U	**0.35**	J	<0.18	U	<0.18	U	<0.44	U
1,2-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,3-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,4-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Methyl tert butyl ether	10	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.33	U	<0.17	U	<0.17	U	<0.42	U
p/m-Xylene	5	ug/L	**0.71**	J	<0.7	U	<0.7	U	<0.7	U	**10**		<0.7	U	<0.7	U	**11**	
o-Xylene	5	ug/L	**2**	J	<0.7	U	<0.7	U	<0.7	U	**16**		<0.7	U	<0.7	U	**17**	
cis-1,2-Dichloroethene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Styrene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**1.6**	J	<0.7	U	<0.7	U	<1.8	U
Dichlorodifluoromethane	5	ug/L	<1	U	<1	U	<1	U	<1	U	<2	U	<1	U	<1	U	<2.5	U
Acetone	50	ug/L	**5.7**		**1.9**	J	**3.4**	J	<1.5	U	<2.9	U	<1.5	U	<1.5	U	<3.6	U
Carbon disulfide	60	ug/L	<1	U	<1	U	<1	U	<1	U	<2	U	<1	U	<1	U	<2.5	U
2-Butanone	50	ug/L	<1.9	U	<1.9	U	<1.9	U	<1.9	U	<3.9	U	<1.9	U	<1.9	U	<4.8	U
4-Methyl-2-pentanone		ug/L	<1	U	<1	U	<1	U	<1	U	<2	U	<1	U	<1	U	<2.5	U
2-Hexanone	50	ug/L	<1	U	<1	U	<1	U	<1	U	<2	U	<1	U	<1	U	<2.5	U
Bromochloromethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,2-Dibromoethane	0.0006	ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<1.3	U	<0.65	U	<0.65	U	<1.6	U
1,2-Dibromo-3-chloropropane	0.04	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Isopropylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**6.3**		<0.7	U	<0.7	U	**7.4**	
1,2,3-Trichlorobenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
1,2,4-Trichlorobenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Methyl Acetate		ug/L	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.47	U	<0.23	U	<0.23	U	<0.58	U
Cyclohexane		ug/L	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.54	U	<0.27	U	<0.27	U	<0.68	U
1,4-Dioxane	0.35	ug/L	<61	U	<61	U	<61	U	<61	U	<120	U	<61	U	<61	U	<150	U
Freon-113	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<1.4	U	<0.7	U	<0.7	U	<1.8	U
Methyl cyclohexane		ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	**2.6**	J	<0.4	U	<0.4	U	**3.3**	J
Total VOCs		ug/L	**8.41**		**2.9**		**3.4**		-		**40.65**		-		-		**42.8**	
SEMIVOLATILE ORGANICS BY GC/MS																		
Bis(2-chloroethyl)ether	1	ug/L	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U
3,3'-Dichlorobenzidine	5	ug/L	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U
2,4-Dinitrotoluene	5	ug/L	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U
2,6-Dinitrotoluene	5	ug/L	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U
4-Chlorophenyl phenyl ether		ug/L	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U
4-Bromophenyl phenyl ether		ug/L	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U
Bis(2-chloroisopropyl)ether	5	ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U
Bis(2-chloroethoxy)methane	5	ug/L	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U
Hexachlorocyclopentadiene	5	ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
Isophorone	50	ug/L	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U
Nitrobenzene	0.4	ug/L	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U
NDPA/DPA	50	ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U
n-Nitrosodi-n-propylamine		ug/L	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U
Bis(2-ethylhexyl)phthalate	5	ug/L	<1.4	U	**2.2**	J	<1.4	U	<1.4	U	<1.4	U	**2.2**	J	<1.4	U	<1.4	U
Butyl benzyl phthalate	50	ug/L	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U
Di-n-butylphthalate	50	ug/L	<0.96	U	<0.96	U	<0.96	U	<0.96	U	<0.96	U	<0.96	U	<0.96	U	<0.96	U
Di-n-octylphthalate	50	ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U
Diethyl phthalate	50	ug/L	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U
Dimethyl phthalate	50	ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U
Biphenyl		ug/L	<0.2	U	<0.2	U	<0.2	U	<0.2	U	**10**		<0.2	U	**0.54**	J	**8.1**	
4-Chloroaniline	5	ug/L	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U
2-Nitroaniline	5	ug/L	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U
3-Nitroaniline	5	ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
4-Nitroaniline	5	ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U
Dibenzofuran		ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	**48**		<0.4	U	**2**		**44**	
1,2,4,5-Tetrachlorobenzene	5	ug/L	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U
Acetophenone		ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U
2,4,6-Trichlorophenol		ug/L	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U
p-Chloro-m-cresol		ug/L	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U
2-Chlorophenol		ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U
2,4-Dichlorophenol	1	ug/L	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U
2,4-Dimethylphenol	50	ug/L	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U
2-Nitrophenol		ug/L	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U
4-Nitrophenol		ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U
2,4-Dinitrophenol	10	ug/L	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U
4,6-Dinitro-o-cresol		ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U
Phenol	1	ug/L	**0.75**	J	<0.35	U	<0.35	U	<0.35	U	<0.35	U	**0.77**	J	<0.35	U	<0.35	U
2-Methylphenol		ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U
3-Methylphenol/4-Methylphenol		ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U
2,4,5-Trichlorophenol		ug/L	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U
Carbazole		ug/L	<0.31	U	<0.31	U	<0.31	U	<0.31	U	**5.6**		<0.31	U	<0.31	U	**4.7**	
Atrazine	7.5	ug/L	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U
Benzaldehyde		ug/L	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U
Caprolactam		ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
2,3,4,6-Tetrachlorophenol		ug/L	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U
Total SVOCs		ug/L	**0.75**		**2.2**		-		-		**63.6**		**2.97**		**2.54**		**56.8**	
SEMIVOLATILE ORGANICS BY GC/MS-SIM																		
Acenaphthene	20	ug/L	**0.72**		**0.48**		<0.02	U	**0.24**		**130**		**0.6**		**4.8**		**140**	
2-Chloronaphthalene	10	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.11	U	<0.02	U	<0.02	U	<0.11	U
Fluoranthene	50	ug/L	**0.26**		**1.1**		**0.1**	J	**0.3**		**5.8**		**0.29**		**0.82**		**7.6**	
Hexachlorobutadiene	0.5	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.1	U	<0.02	U	<0.02	U	<0.1	U
Naphthalene	10	ug/L	**0.07**	J	**0.53**		**0.12**		**0.19**		**200**		**0.27**		**2.7**		**190**	
Benzo(a)anthracene	0.002	ug/L	<0.03	U	**0.2**		**0.04**	J	**0.06**	J	<0.15	U	<0.03	U	**0.24**		**0.22**	J
Benzo(a)pyrene	0	ug/L	**0.29**		**0.21**		**0.05**	J	**0.1**		<0.12	U	**0.69**		**0.42**		<0.12	U
Benzo(b)fluoranthene	0.002	ug/L	**0.4**		**0.44**		**0.1**		**0.18**		<0.14	U	**0.57**		**0.62**		<0.14	U
Benzo(k)fluoranthene	0.002	ug/L	**0.11**		**0.14**		**0.03**	J	**0.05**	J	<0.17	U	**0.09**	J	**0.16**		<0.17	U
Chrysene	0.002	ug/L	<0.03	U	**0.33**		**0.04**	J	**0.08**	J	<0.16	U	<0.03	U	**0.28**		<0.16	U
Acenaphthylene		ug/L	**0.08**	J	<0.02	U	<0.02	U	<0.02	U	**2.2**		**0.23**		**0.34**		**2.4**	
Anthracene	50	ug/L	<0.02	U	**0.14**		<0.02	U	**0.07**	J	**2.9**		<0.02	U	**0.21**		**3.3**	
Benzo(ghi)perylene		ug/L	**0.33**		**0.26**		**0.08**	J	**0.23**		<0.12	U	**2.2**		**1.1**		<0.12	U
Fluorene	50	ug/L	**0.12**		**0.37**		<0.03	U	**0.17**		**55**		**0.07**	J	**1.5**		**60**	
Phenanthrene	50	ug/L	<0.04	U	**1.1**		<0.04	U	**0.36**		**36**		<0.04	U	**0.65**		**41**	
Dibenzo(a,h)anthracene		ug/L	**0.05**	J	**0.04**	J	<0.02	U	<0.02	U	<0.12	U	**0.19**		**0.1**	J	<0.12	U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	**0.3**		**0.24**		**0.07**	J	**0.16**		<0.11	U	**1.8**		**0.74**		<0.11	U
Pyrene	50	ug/L	**0.24**		**0.74**		**0.09**	J	**0.21**		**3**		**0.26**		**0.62**		**3.9**	
2-Methylnaphthalene		ug/L	<0.03	U	**0.13**		<0.03	U	**0.05**	J	**17**		<0.03	U	**0.77**		**12**	
Pentachlorophenol	1	ug/L	**0.07**	J	**0.17**	J	**0.07**	J	**0.08**	J	**2.4**	J	<0.06	U	**0.08**	J	**2.4**	J
Hexachlorobenzene	0.04	ug/L	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.07	U	<0.01	U	<0.01	U	<0.07	U
Hexachloroethane	5	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.11	U	<0.02	U	<0.02	U	<0.11	U
Total SVOCs		ug/L	**3.04**		**6.62**		**0.79**		**2.53**		**454.3**		**7.26**		**16.15**		**462.82**	

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.

B The analyte was detected above the reporting limit in the associated method blank.

Table 2B
2024 Periodic Review Report
November 2024 Groundwater Data
Osmose Wood Preserving Site
Site No. 915143

ANALYTE	Ambient Water Quality Standards and Guidance Values	SAMPLE ID:	MW-001-11122024		MW-11-11122024		MW-13-11122024		MW-15-11122024		MW-17-11122024		MW-25-11122024		MW-28-11122024		MW-5-11122024		MW-99-11122024		TRIP BLANK	
		COLLECTION DATE:	11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024		11/12/2024	
		SAMPLE MATRIX:	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		UNITS																				
VOLATILE ORGANICS BY GC/MS																						
1,1,1-Trichloroethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,1,2,2-Tetrachloroethane	5	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.67	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U
1,1,2-Trichloroethane	1	ug/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<2	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
1,1-Dichloroethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,1-Dichloroethene	5	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.68	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U
1,2,4-Trichlorobenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,2,4-Trimethylbenzene	5	ug/L	**7.4**		<0.7	U	<0.7	U	<0.7	U	**390**		<0.7	U	<0.7	U	**14**		<0.7	U	<0.7	U
1,2-Dibromo-3-chloropropane	0.04	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,2-Dibromoethane	0.0006	ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<2.6	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U
1,2-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,2-Dichloroethane	0.6	ug/L	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.53	U	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.13	U
1,2-Dichloropropane	1	ug/L	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.55	U	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.14	U
1,3,5-Trimethylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**28**		<0.7	U	<0.7	U	**3.7**		<0.7	U	<0.7	U
1,3-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
1,4-Dichlorobenzene	3	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
2-Butanone	50	ug/L	<1.9	U	<1.9	U	<1.9	U	<1.9	U	<7.8	U	<1.9	U	<1.9	U	<1.9	U	<1.9	U	<1.9	U
2-Hexanone	50	ug/L	<1	U	<1	U	<1	U	<1	U	<4	U	<1	U	<1	U	<1	U	<1	U	<1	U
4-Methyl-2-pentanone		ug/L	<1	U	<1	U	<1	U	<1	U	<4	U	<1	U	<1	U	<1	U	<1	U	<1	U
Acetone	50	ug/L	<1.5	U	**1.8**	J	<1.5	U	<1.5	U	<5.8	U	<1.5	U	<1.5	U	<1.5	U	<1.5	U	<1.5	U
Benzene	1	ug/L	<0.16	U	0.27	J	<0.16	U	<0.16	U	<0.64	U	<0.16	U	<0.16	U	<0.16	U	<0.16	U	<0.16	U
Bromodichloromethane	50	ug/L	<0.19	U	<0.19	U	<0.19	U	<0.19	U	<0.77	U	<0.19	U	<0.19	U	<0.19	U	<0.19	U	<0.19	U
Bromoform	50	ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<2.6	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U
Bromomethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Carbon disulfide	60	ug/L	<1	U	<1	U	<1	U	<1	U	<4	U	<1	U	<1	U	<1	U	<1	U	<1	U
Carbon tetrachloride	5	ug/L	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.54	U	<0.13	U	<0.13	U	<0.13	U	<0.13	U	<0.13	U
Chlorobenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Chloroethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Chloroform	7	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Chloromethane		ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
cis-1,2-Dichloroethene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
cis-1,3-Dichloropropene	0.4	ug/L	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.58	U	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.14	U
Cyclohexane		ug/L	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<1.1	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U
Dibromochloromethane	50	ug/L	<0.15	U	<0.15	U	<0.15	U	<0.15	U	<0.6	U	<0.15	U	<0.15	U	<0.15	U	<0.15	U	<0.15	U
Dichlorodifluoromethane	5	ug/L	<1	U	<1	U	<1	U	<1	U	<4	U	<1	U	<1	U	<1	U	<1	U	<1	U
Ethylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**3.6**	J	<0.7	U	<0.7	U	**1**	J	<0.7	U	<0.7	U
Freon-113	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Isopropylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**5.1**	J	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Methyl Acetate		ug/L	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.94	U	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.23	U
Methyl cyclohexane		ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<1.6	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U
Methyl tert butyl ether	10	ug/L	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.66	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U
Methylene chloride	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
n-Butylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
n-Propylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Naphthalene	10	ug/L	**4.3**		<0.7	U	<0.7	U	<0.7	U	**460**		<0.7	U	<0.7	U	**76**		<0.7	U	<0.7	U
o-Xylene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**17**		<0.7	U	<0.7	U	**2.2**	J	<0.7	U	<0.7	U
p-Isopropyltoluene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**3.9**	J	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
p/m-Xylene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	**10**		<0.7	U	<0.7	U	**1.9**	J	<0.7	U	<0.7	U
sec-Butylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Styrene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
tert-Butylbenzene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Tetrachloroethene	5	ug/L	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.72	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U
Toluene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	**0.71**	J	<0.7	U	<0.7	U
trans-1,2-Dichloroethene	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
trans-1,3-Dichloropropene	0.4	ug/L	<0.16	U	<0.16	U	<0.16	U	<0.16	U	<0.66	U	<0.16	U	<0.16	U	<0.16	U	<0.16	U	<0.16	U
Trichloroethene	5	ug/L	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.7	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U
Trichlorofluoromethane	5	ug/L	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<2.8	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U	<0.7	U
Vinyl chloride	2	ug/L	<0.07	U	<0.07	U	<0.07	U	<0.07	U	<0.28	U	<0.07	U	<0.07	U	<0.07	U	<0.07	U	<0.07	U
Total VOCs		ug/L	**11.7**	-	**2.07**	-	-	-	-	-	**917.6**	-	-	-	-	-	**99.51**	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																						
1,2,4,5-Tetrachlorobenzene	5	ug/L	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U
2,3,4,6-Tetrachlorophenol		ug/L	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	<2.2	U	-	-
2,4,5-Trichlorophenol		ug/L	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	-	-
2,4,6-Trichlorophenol		ug/L	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	<2.1	U	-	-
2,4-Dichlorophenol	1	ug/L	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	<1.7	U	-	-
2,4-Dimethylphenol	50	ug/L	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	-	-
2,4-Dinitrophenol	10	ug/L	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	<5.4	U	-	-
2,4-Dinitrotoluene	5	ug/L	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	<0.54	U	-	-
2,6-Dinitrotoluene	5	ug/L	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	-	-
2-Chlorophenol		ug/L	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	<0.65	U	-	-
2-Methylphenol		ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	-	-
2-Nitroaniline	5	ug/L	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	-	-
2-Nitrophenol		ug/L	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	-	-
3,3'-Dichlorobenzidine	5	ug/L	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	-	-
3-Methylphenol/4-Methylphenol		ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	-	-
3-Nitroaniline	5	ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	-	-
4,6-Dinitro-o-cresol		ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	-	-
4-Bromophenyl phenyl ether		ug/L	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	-	-
4-Chloroaniline	5	ug/L	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	<0.47	U	-	-
4-Chlorophenyl phenyl ether		ug/L	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	-	-
4-Nitroaniline	5	ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	-	-
4-Nitrophenol		ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	-	-
Acetophenone		ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	-	-
Atrazine	7.5	ug/L	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	-	-
Benzaldehyde		ug/L	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	-	-
Biphenyl		ug/L	<0.2	U	<0.2	U	<0.2	U	<0.2	U	**6.8**		<0.2	U	<0.2	U	**54**		<0.2	U	-	-
Bis(2-chloroethoxy)methane	5	ug/L	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U	-	-
Bis(2-chloroethyl)ether	1	ug/L	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	-	-
Bis(2-chloroisopropyl)ether	5	ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	<0.4	U	-	-
Bis(2-ethylhexyl)phthalate	5	ug/L	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	<1.4	U	-	-
Butyl benzyl phthalate	50	ug/L	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	<2.6	U	-	-
Caprolactam		ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	-	-
Carbazole		ug/L	<0.31	U	<0.31	U	<0.31	U	<0.31	U	**7.8**		<0.31	U	<0.31	U	**2.8**		<0.31	U	-	-
Di-n-butylphthalate	50	ug/L	<0.96	U	<0.96	U	<0.96	U	**0.96**	J	<0.96	U	<0.96	U	<0.96	U	<0.96	U	<0.96	U	-	-
Di-n-octylphthalate	50	ug/L	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	<2.3	U	-	-
Dibenzofuran		ug/L	<0.4	U	<0.4	U	<0.4	U	<0.4	U	**33**		<0.4	U	<0.4	U	**140**		<0.4	U	-	-
Diethyl phthalate	50	ug/L	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	-	-
Dimethyl phthalate	50	ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	-	-
Hexachlorocyclopentadiene	5	ug/L	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	-	-
Isophorone	50	ug/L	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	<0.86	U	-	-
n-Nitrosodi-n-propylamine		ug/L	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	<0.91	U	-	-
NDPA/DPA	50	ug/L	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	<0.92	U	-	-
Nitrobenzene	0.4	ug/L	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	-	-
p-Chloro-m-cresol		ug/L	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	-	-
Phenol	1	ug/L	<0.35	U	<0.35	U	<0.35	U	**1.3**	J	<0.35	U	<0.35	U	<0.35	U	**0.77**	J	<0.35	U	-	-
Total SVOCs		ug/L	-	-	-	-	-	-	**2.26**	-	**47.6**	-	-	-	-	-	**197.57**	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM																						
2-Chloronaphthalene	10	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	-	-
2-Methylnaphthalene		ug/L	**0.04**	J	**0.11**		<0.03	U	**0.03**	J	**10**		<0.03	U	<0.03	U	**13**		**0.04**	J	-	-
Acenaphthene	20	ug/L	**21**		**0.3**		**0.07**	J	**0.38**		**100**		**2.8**		**0.1**	J	**280**		**0.46**		-	-
Acenaphthylene		ug/L	**0.54**		<0.02	U	**0.08**	J	<0.02	U	**2.8**		**0.1**		<0.02	U	**7.7**		<0.02	U	-	-
Anthracene	50	ug/L	**1.3**		**0.11**		**0.07**	J	<0.02	U	<0.02	U	<0.02	U	**0.07**	J	**32**		**0.03**	J	-	-
Benz(a)anthracene	0.002	ug/L	**0.6**		**0.28**		**0.11**		<0.03	U	**0.34**		**0.18**		**0.07**	J	**16**		**0.05**	J	-	-
Benzo(a)pyrene		ug/L	**0.49**		**0.45**		**0.25**		**0.04**	J	**0.41**		**0.29**		<0.02	U	**6.2**		**0.05**	J	-	-
Benzo(b)fluoranthene	0.002	ug/L	**0.69**		**1**		**0.43**		**0.07**	J	**0.51**		**0.35**		**0.05**	J	**8.7**		**0.1**	J	-	-
Benzo(ghi)perylene		ug/L	**0.3**		**0.52**		**1**		**0.07**	J	**0.23**		**0.75**		<0.02	U	**2.5**		**0.09**	J	-	-
Benzo(k)fluoranthene	0.002	ug/L	**0.18**		**0.31**		**0.11**		<0.03	U	**0.13**		**0.07**	J	<0.03	U	**3.5**		<0.03	U	-	-
Chrysene	0.002	ug/L	**0.52**		**0.82**		**0.22**		<0.03	U	**0.8**		**0.18**		**0.04**	J	**14**		**0.04**	J	-	-
Dibenz(a,h)anthracene		ug/L	**0.06**	J	**0.09**	J	**0.05**	J	<0.02	U	**0.04**	J	**0.07**	J	<0.02	U	**0.48**		<0.02	U	-	-
Fluoranthene	50	ug/L	**5.6**		**1.6**		**0.36**		**0.11**		**5.9**		**1.6**		**0.29**		**110**		**0.15**		-	-
Fluorene	50	ug/L	**9.9**		**0.24**		**0.06**	J	**0.13**		**46**		**1.3**		**0.12**		**160**		**0.16**		-	-
Hexachlorobenzene	0.04	ug/L	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.01	U	<0.01	U	-	-
Hexachlorobutadiene	0.5	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	-	-
Hexachloroethane	5	ug/L	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U	-	-
Indeno(1,2,3-cd)pyrene	0.002	ug/L	**0.3**		**0.49**		**0.48**		**0.05**	J	**0.23**		**0.59**		<0.02	U	**2.3**		**0.07**	J	-	-
Naphthalene	10	ug/L	**1.6**		**0.4**		**0.03**	J	**0.2**		**230**		**0.36**		**0.04**	J	**75**		**0.24**		-	-
Pentachlorophenol	1	ug/L	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.06	U	-	-
Phenanthrene	50	ug/L	**10**		**1.2**		**0.18**		**0.2**		**41**		**2.5**		**0.53**		**260**		**0.25**		-	-
Pyrene	50	ug/L	**3.3**		**1**		**0.31**		**0.09**	J	**3.5**		**0.94**		**0.19**		**72**		**0.11**		-	-
Total SVOCs		ug/L	**56.43**	-	**8.93**	-	**3.81**	-	**1.37**	-	**441.89**	-	**12.08**	-	**1.5**	-	**1004.38**	-	**1.84**	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY- AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
B The analyte was detected above the reporting limit in the associated method blank.

Table 3
2024 Periodic Review Report
Post-Treatment Summary
Osmose Wook Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-001														MW-5														
Casing Elevation	**(ft)**		640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	640.03	NR	NR	NR	NR	643.93	643.93	643.93	643.93	643.93	643.93	643.93	643.93	643.93	643.93	643.93
Date			11/27/17	02/21/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/06/23	12/06/23	06/20/24	11/12/24	06/09/12	06/19/13	6/14	06/23/15	11/27/17	02/22/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/06/23	12/06/23	06/20/24	11/12/24
Depth to Water	(ft)		6.11	2.82	6.04	5.08	5.13	6.03	7.66	6.3	5.55	6.32	7.17	6.06	4.85	7.45	NR	NR	NR	NR	6.18	0.95	6.20	4.59	4.59	5.57	7.95	6.41	5.25	6.41	7.05	5.25	4.12	6.85
Water Elevation	(ft-msl)		633.92	637.21	633.99	634.95	634.90	634.00	632.37	633.73	634.48	633.71	632.86	633.97	635.18	632.58	-	-	-	-	637.75	642.98	637.73	639.34	639.34	638.36	635.98	637.52	638.68	637.52	636.88	638.68	639.81	637.08
Depth to Product	(ft)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Product Elevation	(ft-msl)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	(ug/L)	5	**8.97**	2 U	**2.3 J**	2.5 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	**1.8 J**	0.70 U	0.7 U	0.7 U	Dry	**5.30**	**2**	**4.6**	**0.33**	2 U	2 U	2.50 U	1 U	1 U	1 U	**4.5**	2.5 U	2.5 U	0.7 U	0.70 U	0.7 U	**1 J**
m,p-Xylene	(ug/L)	5	**15.10**	**2.86**	**3.9**	**0.75 J**	2 U	2 U	2 U	2.5 U	**4.9 J**	2.5 U	**29.8**	0.70 U	**2.71**	0.7 U	Dry	**17.00**	**6.4**	**15**	**9.06**	2 U	2 U	2.50 U	2 U	2 U	2 U	**19.9**	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	**1.9**
o-Xylene	(ug/L)	5	**13.40**	**3.05**	**3.8**	**2 J**										0.7 U	Dry				**12.9**	2 U	**0.92 J**	2.50 U										**2.2**
Isopropylbenzene	(ug/L)	5	**18**	**2.96**	NA	2.50 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	1.8 U	0.70 U	0.7 U	0.7 U	Dry	NR	NR	NR	3.36	2 U	NA	2.50 U	1 U	1 U	1 U	**3.1**	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U
Acenaphthene	(ug/L)	20	**318**	**42.0**	**67**	**0.71**	5 U	**4.2 J**	**0.41 J**	**0.26**	**2.60**	**0.72**	**57**	**0.05 J**	**0.72**	**21**	Dry	0.75	**43**	**61**	**164**	**23.5**	**18**	**0.30**	25 U	25 U	25 U	**64**	**7.10**	**8.70**	**0.25**	**2.50**	**4.8**	**280**
Benzo(b) fluoranthene	(ug/L)	0.002	100 U	5 U	**0.4**	**0.15**	**0.43 J**	**0.53 J**	**1.5 J**	**1.7**	**0.19**	**0.54**	**0.42**	**0.22**	**0.4**	**0.69**	Dry	**1**	**1.1**	NR	10 U	5 U	**0.6**	**2.5**	25 U	25 U	**1.7 J**	**0.74**	**0.64**	**1.30**	**2.7**	**0.6**	**0.62**	**8.7**
Fluoranthene	(ug/L)	50	**107**	5 U	**4**	**2.2 JB**	5 U	**1.6 J**	**0.95 J**	**0.74**	**0.31**	**0.39**	**4.4**	**0.13**	**0.26**	**5.6**	Dry	**9**	**12**	**2.1**	**12**	5 U	**2.3**	**3 B**	25 U	25 U	25 U	**3.5**	**0.98**	**1.80**	**2.9**	**0.8**	**0.82**	**110**
Fluorene	(ug/L)	50	**162**	**11.4**	**20**	2 U	5 U	5 U	5 U	**0.12**	**0.29**	**0.06 J**	**19**	**0.05 J**	**0.12**	**9.9**	Dry	**0.46**	**8.3**	**0.41 J**	**47.5**	**7.44**	**1.5**	2U	25 U	25 U	25 U	**22**	**2.50**	**3.10**	**0.17**	**0.67**	**1.5**	**160**
Naphthalene	(ug/L)	10	**1020**	5 U	**0.1**	**0.23**	5 U	5 U	5 U	**0.12**	**0.06 J**	0.10 U	**18**	**0.06 J**	**0.07 J**	**1.6**	Dry	**0.096 J**	**0.38**	NR	**184**	**6.62**	**0.69**	**1.3**	25 U	25 U	25 U	**72**	**7.80**	**8.00**	**0.07 JB**	**0.35**	**2.7**	**75**
Phenanthrene	(ug/L)	50	**287**	5 U	**1.4**	2 U	5 U	5 U	**0.56 J**	**0.26**	**0.05 J**	**0.05 J**	**3.2**	**0.07 J**	0.04 U	**10**	Dry	**0.85**	**0.88**	NR	**18.9**	5 U	**1.5**	2 U	25 U	25 U	25 U	**10**	**1.60**	**1.20**	**0.65**	**0.18**	**0.65**	**260**
Pyrene	(ug/L)	50	100 U	5 U	**1.9**	**0.32**	5 U	**0.48 J**	**1.0 J**	**0.77**	**0.27**	**0.39**	**2.4**	**0.27**	**0.24**	**3.3**	Dry	**9.30**	**8.10**	**1.20**	10 U	5 U	**1.6**	**2.2**	25 U	25 U	25 U	**2.3**	**0.72**	**1.40**	**2.4**	**0.6**	**0.62**	**72**

Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC No standard or guidance currently established
NR Not reported in Osmose document or data not available to Inventum.
Notes: U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.
1) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

2) Historical COC exceeding water quality standards are shown.

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-11																	MW-13																
Casing Elevation	(ft)		NR	NR	NR	NR	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	639.72	NR	NR	NR	NR	639.45	639.45	639.45	639.45	639.45	639.45	639.45	639.45	639.45	639.45	639.45	639.45
Date			06/09/12	06/19/13	6/14	06/23/15	11/27/17	02/21/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/06/23	12/06/23	06/20/24	11/12/24	06/09/12	06/19/13	6/14	06/23/15	11/27/17	02/21/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/07/23	12/06/23	06/20/24	11/12/24
Depth to Water	(ft)		NR	NR	NR	NR	6.27	0.5	6.42	0.5	3.54	7.02	7.81	6.46	6.55	6.41	6.57	7.01	5.81	7.35	NR	NR	NR	NR	4.09	1.03	2.64	1.78	1.95	1.92	5.48	3.00	2.14	3.61	6.34	2.27	2.29	3.14
Water Elevation	(ft-msl)		-	-	-	-	633.45	639.22	633.30	639.22	636.18	632.70	631.91	633.26	633.17	633.31	633.15	632.71	633.91	632.37	-	-	-	-	635.36	638.42	636.81	637.67	637.50	637.53	633.97	636.45	637.31	635.84	633.11	637.18	637.16	636.31
Depth to Product	(ft)		NR	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Product Elevation	(ft-msl)		NR	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	(ug/L)	5	NR	NR	NR	NR	2 U	2 U	**0.04 J**	2.50 U	2 U	1 U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.70 U	0.7 U	0.7 U	NR	NR	NR	NR	2 U	2 U	2.5 U	2.50 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U
m,p-Xylene	(ug/L)	5	NR	NR	NR	NR	2 U	2 U	**0.01 J**	2.50 U	4U	2 U	4U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	**59 J**	NR	NR	2 U	2 U	2.5 U	2.50 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U
o-Xylene	(ug/L)	5	NR	NR	NR	NR	2 U	2 U	**0.48**	2.50 U										0.7 U	NR		NR	NR	2 U	2 U	2.5 U	2.50 U										
Isopropylbenzene	(ug/L)	5	NR	NR	NR	NR	2 U	2 U	**0.21**	2.50 U	2 U	1 U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	NR	NR	2 U	2 U	NA	2.50 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U
Acenaphthene	(ug/L)	20	NR	**0.030 J**	NR	**0.23**	10 U	5 U	**0.56**	**0.09 J**	25 U	25 U	5 U	**0.05**	**0.04 J**	0.10 U	**5.4**	0.01 U	**0.48**	**0.3**	NR	**170**	**1.6**	**0.12 J**	10 U	5 U	**1.6**	0.02J	25 U	25 U	25 U	0.10 U	**6.10**	**0.07 J**	0.01 U	**0.05 J**	0.02 U	**0.07 J**
Benzo(b) fluoranthene	(ug/L)	0.002	**0.065 J**	**0.12 J**	NR	NR	10 U	5 U	**0.07J**	**1.0**	25 U	25 U	**0.65 J**	**1.4**	**0.22**	**0.19**	**0.21**	**0.19**	**0.44**	**1**	**0.13 J**	**1.1**	**0.48**	**0.11 J**	**12**	5 U	**0.07 J**	**0.06 J**	**4.3 J**	**2 J**	**25**	**0.33**	**0.09 J**	**3.90**	**0.5**	**0.77**	**0.1**	**0.43**
Fluoranthene	(ug/L)	50	**0.11 J**	**0.18 J**	**0.17**	**0.064 J**	10 U	5 U	**0.56**	**4 B**	25 U	25 U	**0.62 J**	**1.2**	**0.30**	**0.17**	**0.5**	**0.28**	**1.1**	**1.6**	**0.17 J**	**11**	**1.3**	**0.27**	**15.1**	5 U	**0.15**	**3.7 B**	25 U	**2.1 J**	**29**	**0.28**	**0.31**	**3.70**	**0.51**	**0.63**	**0.1 J**	**0.36**
Fluorene	(ug/L)	50	NR	NR	NR	**0.092 J**	10 U	5 U	**0.07 J**	2 U	25 U	25 U	5 U	**0.06 J**	0.10 U	**0.02 J**	**3**	**0.04 J**	**0.37**	**0.24**	NR	**59**	**0.71**	**0.032 J**	10 U	5 U	**0.06 J**	2 U	25 U	25 U	25 U	0.1 U	**2.70**	**0.05 J**	**0.03 J**	**0.08 J**	0.03 U	**0.06 J**
Naphthalene	(ug/L)	10	NR	**0.081 J**	NR	**0.33**	10 U	5 U	**0.08 J**	**1.8**	25 U	25 U	5 U	**0.05 J**	**0.25**	0.10 U	**5.4 B**	**0.70**	**0.53**	**0.4**	NR	**590**	NR	**0.086 J**	10 U	5 U	0.1 U	**0.05 J**	25 U	25 U	25 U	0.10 U	**14.00**	0.10 U	**0.12**	0.05 U	**0.12**	**0.03 J**
Phenanthrene	(ug/L)	50	**0.076 J**	**0.10 J**	**0.14**	**0.12 J**	10 U	5 U	**0.26**	2 U	25 U	25 U	**0.45 J**	**0.49**	**0.21**	**0.09 J**	**3.1**	**0.19**	**1.1**	**1.2**	**0.057 J**	**32**	**0.86**	**0.11 J**	10 U	5 U	0.1 U	2 U	25 U	25 U	**6.2 J**	**0.06 J**	**2.30**	**0.64**	**0.12**	**0.18**	0.04 U	**0.18**
Pyrene	(ug/L)	50	**0.084 J**	**0.15 J**	**0.14**	**0.053 J**	10 U	5 U	**0.39**	**3.3**	25 U	25 U	**0.46 J**	**0.9**	**0.20**	**0.13**	**0.32**	**0.24**	**0.74**	**1**	**0.14 J**	**5.9**	**0.69**	**0.17 J**	**11.3**	5 U	**0.09 J**	**0.07**	**3.4 J**	25 U	**22 J**	**0.22**	**0.19**	**2.90**	**0.4**	**0.51**	**0.09 J**	**0.31**

Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC No standard or guidance currently established
NR Not reported in Osmose document or data not available to Inventum.
Notes: U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.
1) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

2) Historical COC exceeding water quality standards are shown.

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-15													MW-17															
Casing Elevation	(ft)		639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	639.52	NR	NR	NR	NR	639.75	639.75	639.75	639.75	639.75	639.75	639.75	639.75	639.75	639.75	639.75	639.75
Date			11/27/17	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/07/23	12/06/23	06/20/24	11/12/24	06/09/12	06/19/13	6/14	06/23/15	11/27/17	02/22/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/06/23	12/06/23	06/20/24	11/12/24
Depth to Water	(ft)		5.23	4.82	1.65	2.05	1.69	6.85	5.12	1.94	5.05	6.99	2.3	1.53	1.98	NR	NR	NR	NR	5.85	1.51	5.76	4.92	5.01	5.78	7.31	5.92	5.39	5.84	6.45	5.83	5.87	7.2
Water Elevation	(ft-msl)		634.29	634.70	637.87	637.47	637.83	632.67	634.40	637.58	634.47	632.53	637.22	637.99	637.54	-	-	-	-	633.90	638.24	633.99	634.83	634.74	633.97	632.44	633.83	634.36	633.91	633.30	633.92	633.88	632.55
Depth to Product	(ft)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Product Elevation	(ft-msl)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	(ug/L)	5	2 U	2.5 U	2.50 U	2 U	1U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	**1.2**	NR	**3.26**	2 U	**3.4 J**	**4.1 J**	**2**	10 U	**3.9**	**4.7 J**	**7.80**	**6.90**	**8.9 J**	**4.8 J**	**3.8 J**	**3.6 J**
m,p-Xylene	(ug/L)	5	2 U	2.5 U	2.50 U	4U	2 U	4U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	**30**	NR	**28**	**15**	**23.6**	2 U	**16**	**15**	**19**	**8.1 J**	**35**	**39**	**62**	**63**	**66**	**31**	**26**	**10**
o-Xylene	(ug/L)	5	2 U	2.5 U	2.50 U												NR			**41**	2 U	**31**	**28**										**17**
Isopropylbenzene	(ug/L)	5	2 U	NR	2.50 U	2 U	1U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	NR	NR	**11.6**	2 U	NA	**6.6 J**	**2.9**	10 U	**7.2**	**9.7**	**15.00**	**10.00**	**14 J**	**8.3 J**	**6.30**	**5.1 J**
Acenaphthene	(ug/L)	20	10 U	0.1 U	**1.60**	5 U	5 U	5 U	**0.03 J**	0.10 U	0.10 U	0.01 U	0.01 U	**0.24**	**0.38**	**34**	**0.052 J**	**51**	**190**	**400**	5 U	**260D**	**260D**	**120**	**170**	**170**	**300**	**250 E**	**170**	**270**	**180**	**130**	**100**
Benzo(b) fluoranthene	(ug/L)	0.002	10 U	**0.05 J**	**0.29 J**	5 U	**0.61 J**	**0.64 J**	**0.7**	**0.18**	**0.16**	**0.32**	**0.08 J**	**0.18**	**0.07 J**	**0.4**	**0.35**	**3.7**	NR	100 U	5 U	**1.40**	**5.80**	**0.69 J**	5.2 U	25 U	**0.3**	**0.12**	**2.8**	**0.15**	**0.24**	0.14 U	**0.51**
Fluoranthene	(ug/L)	50	10 U	**0.03 J**	**4.2 B**	5 U	**0.80 J**	**0.72 J**	**0.34**	**0.07 J**	**0.07 J**	**0.21**	**0.05 J**	**0.3**	**0.11**	**1.4**	**0.7**	**6.7**	**12 B**	100 U	5 U	**19.0**	**6.2 B**	**6.8**	**8.5**	**11 J**	**19**	**8.90**	**20**	**12**	**8.80**	**5.8**	**5.9**
Fluorene	(ug/L)	50	10 U	**0.02 J**	2 U	5 U	5 U	5 U	**0.04 J**	0.10 U	0.10 U	**0.02 J**	0.01 U	**0.17**	**0.13**	**7.5**	NR	**11**	**59**	**161**	5 U	**120D**	**6**	**41**	**80**	**73**	**150**	**100 E**	**74**	**120**	**80**	**55**	**46**
Naphthalene	(ug/L)	10	10 U	0.1 U	**0.42**	5 U	5 U	**2.6 J**	0.10 U	**0.10 J**	0.10 U	**0.12**	0.05 U	**0.19**	**0.2**	**36**	**0.14 J**	**77**	**44**	**974**	5 U	**540D**	**10**	**85**	**250**	**680**	**630 E**	**570 E**	**86**	**590**	**250**	**200**	**230**
Phenanthrene	(ug/L)	50	10 U	**96 D**	**0.96 J**	5 U	5 U	**0.63 J**	**0.1**	0.10 U	0.10 U	**0.06 J**	**0.02 J**	**0.36**	**0.2**	NR	**0.26**	**2.3**	**23 B**	**159**	5 U	**96D**	**84**	**12**	**53**	**62**	**130 E**	**92 E**	**47**	**69**	**58**	**36**	**41**
Pyrene	(ug/L)	50	10 U	**12.0**	**1.30**	5 U	**0.70 J**	**0.54 J**	**0.31**	**0.07 J**	**0.06 J**	**0.19**	**0.05 J**	**0.21**	**0.09 J**	**0.96**	**0.54**	**2.5**	**5.4**	100 U	5 U	**12.0**	**36.0**	**3.6 J**	**4.9 J**	**7.1 J**	**11**	**4.80**	**13**	**6.6**	**4.90**	**3**	**3.5**

Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC No standard or guidance currently established
NR Not reported in Osmose document or data not available to Inventum.
Notes: U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.
1) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

2) Historical COC exceeding water quality standards are shown.

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-25													MW-28														
Casing Elevation	**(ft)**		639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	639.42	NR	NR	NR	NR	639.71	639.71	639.71	639.71	639.71	639.71	639.71	639.71	639.71	639.71	639.71
Date			11/27/17	02/21/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/06/23	12/06/23	06/20/24	11/12/24	06/09/12	06/19/13	6/14	06/23/15	11/27/17	02/21/18	10/10/18	06/17/19	12/10/19	10/23/20	06/28/21	11/09/21	06/08/22	10/24/22	06/07/23	12/06/23	06/20/24	11/12/24
Depth to Water	(ft)		4.36	2.88	4.12	3.76	4.01	3.98	4.7	4.3	3.81	4.05	5.53	8.17	4.07	6.64	NR	NR	NR	NR	6.96	6.73	7.1	6.55	6.46	7.15	8.10	6.89	6.85	6.96	7.36	7.01	DRY	7.91
Water Elevation	(ft-msl)		635.06	636.54	635.30	635.66	635.41	635.44	634.72	635.12	635.61	635.37	633.89	631.25	635.35	632.78	-	-	-	-	632.75	632.98	632.61	633.16	633.25	632.56	631.61	632.82	632.86	632.75	632.35	632.70	DRY	632.05
Depth to Product	(ft)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Product Elevation	(ft-msl)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	(ug/L)	5	2 U	2 U	2.5 U	2.50 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	NR	NR	2 U	2 U	2.5 U	2.5 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	-	0.7 U
m,p-Xylene	(ug/L)	5	2 U	2 U	2.5 U	2.50 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	NR	NR	2 U	2 U	2.5 U	2.5 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	-	0.7 U
o-Xylene	(ug/L)	5	2 U	2 U	2.5 U	2.50 U										0.7 U	NR	NR	NR	NR	2 U	2 U	2.5 U	2.5 U										0.7 U
Isopropylbenzene	(ug/L)	5	2 U	2 U	NA	2.50 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	0.7 U	0.7 U	NR	NR	NR	NR	2 U	2 U	NA	2.5 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	0.7 U	0.7 U	-	0.7 U
Acenaphthene	(ug/L)	20	10 U	5 U	**0.08 J**	**0.63**	5 U	**0.63 J**	5 U	**23**	0.10 U	0.10 U	**6.4**	**0.25**	**0.6**	**2.8**	NR	**0.080 J**	NR	**0.15 J**	10 U	5 U	0.1 U	0.1 U	5 U	5 U	5 U	**0.02 J**	0.10 U	0.10 U	0.02 U	0.01 U	-	**0.1 J**
Benzo(b) fluoranthene	(ug/L)	0.002	10 U	5 U	**0.26**	**1.10**	5 U	5 U	5 U	**16**	**0.02 J**	**0.17**	**2.7**	**0.19**	**0.57**	**0.35**	NR	**1.4**	NR	NR	10 U	5 U	**0.02 J**	**0.07 J**	5 U	5 U	5 U	0.10 U	0.10 U	0.10 U	0.01 U	**0.02 J**	-	**0.05 J**
Fluoranthene	(ug/L)	50	10 U	5 U	**0.54**	**4.1 B**	5 U	5 U	5 U	**59**	**0.02 J**	**0.15**	**8**	**0.31**	**0.29**	**1.6**	NR	**1.9**	NR	NR	10 U	5 U	0.1 U	3 U	5 U	5 U	5 U	**0.03 J**	0.10 U	0.10 U	0.02 U	**0.03 J**	-	**0.29**
Fluorene	(ug/L)	50	10 U	5 U	**0.03 J**	2 U	5 U	5 U	5 U	**12**	0.10 U	**0.04 J**	**2.1**	**0.09 J**	**0.07 J**	**1.3**	NR	**0.047 J**	NR	NR	10 U	5 U	**0.02 J**	2 U	5 U	5 U	5 U	**0.02 J**	0.10 U	0.10 U	0.02 U	**0.02 J**	-	**0.12**
Naphthalene	(ug/L)	10	10 U	5 U	**0.07 J**	**1.40**	5 U	5 U	5 U	**22**	**0.09 J**	0.10 U	**0.57 B**	**0.07 J**	**0.27**	**0.36**	NR	NR	NR	**0.3**	10 U	5 U	**0.05 J**	**0.05 J**	5 U	5 U	5 U	0.10 U	**0.14**	0.10 U	**0.2 B**	0.05 U	-	**0.04 J**
Phenanthrene	(ug/L)	50	10 U	5 U	**0.10**	2 U	5 U	5 U	5 U	**28**	0.10 U	**0.09 J**	**5.1**	**0.17**	0.04 U	**2.5**	NR	**0.5**	NR	**0.093 J**	10 U	5 U	**0.03 J**	2 U	5 U	5 U	5 U	**0.04 J**	0.10 U	0.10 U	0.03 U	**0.05 J**	-	**0.53**
Pyrene	(ug/L)	50	10 U	5 U	**0.42**	**4.30**	5 U	5 U	5 U	**40**	**0.02 J**	0.10 U	**5.4**	**0.24**	**0.26**	**0.94**	NR	**1.2**	NR	NR	10 U	5 U	0.1 U	**0.12**	5 U	5 U	5 U	**0.02 J**	**0.02 J**	0.10 U	0.02 U	**0.05 J**	-	**0.19**

Bold Indicates ex Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold Indicates ex Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC No standar No standard or guidance currently established
NR Not reporte Not reported in Osmose document or data not available to Inventum.
Notes: U = not det U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.
1) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

2) Historical COC exceeding water quality standards are shown.

Table 4
2024 Periodic Review Report
Historical Context
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-5								MW-11							
			Before/During Remedial Action (a)		Post Remedial Action (b)		Last Event	Last Event	Current	Current	Before/During Remedial Action		Post Remedial Action		Last Event	Last Event	Current	Current
Date Range			December 2004 to June 2011		June 2012 to June 2015		06/06/23	12/06/23	06/20/24	11/12/24	December 2004 to June 2011		June 2012 to June 2015		06/06/23	12/06/23	06/20/24	11/12/24
			Minimum Detection	Maximum Detection	Minimum Detection	Maximum Detection					Minimum Detection	Maximum Detection	Minimum Detection	Maximum Detection				
Ethylbenzene 5	(ug/L)	5	ND	**66**	2	**5.3**	0.7 U	0.70 U	0.7 U	**1 J**	ND	ND	ND	ND	0.7 U	0.70 U	0.7 U	0.7 U
m,p-Xylene 5	(ug/L)	5	**170**	**460**	**6.4**	**17**	0.7 U	0.7 U	0.7 U	**1.9**	ND	ND	ND	ND	0.7 U	0.7 U	0.7 U	0.7 U
o-Xylene 5	(ug/L)	5								**2.2**								
Acenaphthene 20	(ug/L)	20	**670**	**35000**	0.75	**61**	**0.25**	**2.50**	**4.80**	**280**	ND	**20**	ND	0.23	**5.4**	0.01 U	**0.5**	**0.3**
Benzo(b) fluoranthene .002	(ug/L)	0.002	**5.2**	**770**	ND	**1.1**	**2.7**	**0.6**	**0.62**	**8.7**	**2.6**	**35**	ND	**0.12**	**0.21**	**0.19**	**0.44**	**1**
Fluoranthene 50	(ug/L)	50	**77**	**17000**	2.1	12	**2.9**	**0.8**	**0.82**	**110**	4.8	71	0.064	0.18	**0.5**	**0.3**	**1.1**	**1.6**
Fluorene 50	(ug/L)	50	**220**	**18000**	0.41	8.3	**0.17**	**0.67**	**1.5**	**160**	0.30	11	ND	0.092	**3**	**0.04 J**	**0.37**	**0.24**
Naphthalene 10	(ug/L)	10	**1400**	**27000**	ND	0.38	**0.07 JB**	**0.35**	**2.7**	**75**	ND	**14**	ND	0.33	**5.4 B**	**0.70**	**0.53**	**0.4**
Phenanthrene 50	(ug/L)	50	**190**	**29000**	ND	0.88	**0.65**	**0.18**	**0.65**	**260**	1.8	24	0.076	0.14	**3.1**	**0.2**	**1.1**	**1.2**
Pyrene 50	(ug/L)	50	**50**	**8100**	1.2	9.3	**2.4**	**0.6**	**0.62**	**72**	2.8	49	0.053	0.15	**0.32**	**0.24**	**0.74**	**1**

Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC	No standard or guidance currently established
NR	Not reported in Osmose document or data not available to Inventum.

Notes: U = not detected above reporting limit shown. J: Analyte positively identified at estimated value shown. B: Analyte found in blank sample.
(a) The historical data presented herein are from Osmose Parking Lot Annual Remediation Status Report for July 1, 2014 to June 30, 2015. Appendix A. Table 1 - Analytical Results.

(b) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

Table 4
2024 Periodic Review Report
Historical Context
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-13								MW-17							
			Before/During Remedial Action		Post Remedial Action		Last Event	Last Event	Current	Current	Before/During Remedial Action		Post Remedial Action		Last Event	Last Event	Current	Current
Date Range			December 2004 to June 2011		June 2012 to June 2015		06/07/23	12/06/23	06/20/24	11/12/24	December 2004 to June 2011		June 2012 to June 2015		06/06/23	12/06/23	06/20/24	11/12/24
			Minimum Detection	Maximum Detection	Minimum Detection	Maximum Detection					Minimum Detection	Maximum Detection	Minimum Detection	Maximum Detection				
Ethylbenzene 5	(ug/L)	5	ND	ND	ND	ND	0.7 U	0.7 U	0.7 U	0.7 U	ND	**36.4**	ND	**1.20**	**8.9 J**	**4.8 J**	**3.8 J**	**3.6 J**
m,p-Xylene 5	(ug/L)	5	ND	ND	ND	**59**	0.7 U	0.7 U	0.7 U	0.7 U	**12**	**371**	ND	**30**	**66**	**31**	**26**	**10**
o-Xylene 5	(ug/L)	5																**17**
Acenaphthene 20	(ug/L)	20	ND	**12**	ND	**170**	0.01 U	**0.05 J**	0.02 U	**0.07 J**	**3.1**	**1300**	**0.052 J**	**190**	**270**	**180**	**130**	**100**
Benzo(b) fluoranthene .002	(ug/L)	0.002	**2.30**	**15**	**0.11**	**1.1**	**0.5**	**0.8**	**0.1**	**0.43**	ND	**210**	ND	**3.7**	**0.15**	**0.24**	0.14 U	**0.51**
Fluoranthene 50	(ug/L)	50	**1.8**	**17**	**0.17 J**	11	**0.51**	**0.63**	**0.1 J**	**0.36**	**21**	**660**	**0.7**	**12 B**	**12**	**8.80**	**5.8**	**5.9**
Fluorene 50	(ug/L)	50	ND	**6.1**	ND	**59**	**0.03 J**	**0.08 J**	0.03 U	**0.06 J**	**2.5**	**630**	ND	**59**	**120**	**80**	**55**	**46**
Naphthalene 10	(ug/L)	10	ND	**3.5**	ND	**590**	**0.12**	0.05 U	**0.12**	**0.03 J**	ND	**2300**	**0.14 J**	**77**	**590**	**250**	**200**	**230**
Phenanthrene 50	(ug/L)	50	**0.62**	**13**	**0.057 J**	32	**0.12**	**0.18**	0.04 U	**0.18**	**5.9**	**1200**	ND	**23 B**	**69**	**58**	**36**	**41**
Pyrene 50	(ug/L)	50	**1**	**15**	**0.14 J**	5.9	**0.4**	**0.51**	**0.09 J**	**0.31**	**15**	**400**	**0.54**	**5.4**	**6.6**	**4.90**	**3.0**	**3.5**

Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC	No standard or guidance currently established
NR	Not reported in Osmose document or data not available to Inventum.
	U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.
Notes:	E: Concentration of the analyte exceeds the range of the calibration curve and/or linear range of the instrument.

(a) The historical data presented herein are from Osmose Parking Lot Annual Remediation Status Report for July 1, 2014 to June 30, 2015. Appendix A. Table 1 - Analytical Results.

(b) The historical data presented herein are from Golder Associates, 2015, "Request for Shutdown/decommissioning of Groundwater Collection & Treatment System - Osmose Wood Preserving Site (Site #915143), 980 Ellicott Street, Buffalo, New York.

Table 4
2024 Periodic Review Report
Historical Context
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-28							
			Before/During Remedial Action		Post Remedial Action		Last Event	Last Event	Current	Current
Date Range			December 2004 to June 2011		June 2012 to June 2015		06/07/23	12/06/23	06/20/24	11/12/24
			Minimum Detection	Maximum Detection	Minimum Detection	Maximum Detection				
Ethylbenzene 5	(ug/L)	5	ND	ND	ND	ND	0.7 U	0.7 U	NS	0.7 U
m,p-Xylene 5	(ug/L)	5	ND	ND	ND	ND	0.7 U	0.7 U	NS	0.7 U
o-Xylene 5	(ug/L)	5							NS	
Acenaphthene 20	(ug/L)	20	ND	**0.85**	ND	**0.15 J**	0.02 U	0.01 U	NS	**0.1 J**
Benzo(b) fluoranthene .002	(ug/L)	0.002	ND	**1.9**	ND	**1.4**	0.01 U	**0.02 J**	NS	**0.05 J**
Fluoranthene 50	(ug/L)	50	ND	**2.8**	ND	**1.9**	0.02 U	**0.03 J**	NS	**0.3**
Fluorene 50	(ug/L)	50	ND	**1.8**	ND	**0.061 J**	0.02 U	**0.02 J**	NS	**0.1**
Naphthalene 10	(ug/L)	10	ND	**0.79**	ND	**0.3**	**0.2 B**	0.05 U	NS	**0.04 J**
Phenanthrene 50	(ug/L)	50	**0.076**	**3.6**	ND	**0.5**	0.03 U	**0.05 J**	NS	**0.5**
Pyrene 50	(ug/L)	50	ND	**1.9**	ND	**1.2**	0.02 U	**0.05 J**	NS	**0.2**

Table 4a
2024 Periodic Review Report
Historical Trends
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-5				MW-11			
Date Range			Before/During Remedial Action (a) December 2004 to June 2011		Post Remedial Action (b) Percent Reduction (June 2012 to November 2024)	Average (December 2019 to November 2024)	Before/During Remedial Action December 2004 to June 2011		Post Remedial Action (b) Percent Reduction (June 2012 to November 2024)	Average (December 2019 to November 2024)
			Minimum Detection	Maximum Detection			Minimum Detection	Maximum Detection		
Ethylbenzene 5	(ug/L)	5	ND	**66**	93%	4.5	ND	ND	-	ND
m,p-Xylene 5	(ug/L)	5	**170**	**460**	99%	3.9	ND	ND	-	ND
o-Xylene 5	(ug/L)	5			98%	8.1			-	ND
Acenaphthene 20	(ug/L)	20	**670**	**35000**	100%	52.5	ND	**20**	93.5%	1.3
Benzo(b) fluoranthene .002	(ug/L)	0.002	**5.2**	**770**	100%	2.1	**2.6**	**35**	98.5%	0.54
Fluoranthene 50	(ug/L)	50	**77**	**17000**	100%	17.25	4.8	71	99%	0.72
Fluorene 50	(ug/L)	50	**220**	**18000**	100%	27.1	0.30	11	94.4%	0.62
Naphthalene 10	(ug/L)	10	**1400**	**27000**	100%	23.7	ND	**14**	91.4%	1.2
Phenanthrene 50	(ug/L)	50	**190**	**29000**	100%	39.2	1.8	24	96.5%	0.85
Pyrene 50	(ug/L)	50	**50**	**8100**	100%	11.4	2.8	49	99%	0.50

Bold text indicates a detection or estimated detection above reporting limits

Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC	No standard or guidance currently established
NR	Not reported in Osmose document or data not available to Inventum.

Notes: U = not detected above reporting limit shown. J: Analyte positively identified at estimated value shown. B: Analyte found in blank sample.

(a) The historical data presented herein are from Osmose Parking Lot Annual Remediation Status Report for July 1, 2014 to June 30, 2015. Appendix A. Table 1 - Analytical Results.

(b) Percent reduction of the VOCs and SVOCs shown from the maximum concentration before/during remedial action to the average of data from the last 10 sample events (December 2019 to November 2024). Non-detects excluded from the

(c) Calculated average in sample results (+/- ug/L) over the last 10 sampling events. Non-detects excluded from the average. (c) Calculated

Table 4a
2024 Periodic Review Report
Historical Trends
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-13				MW-17			
Date Range			Before/During Remedial Action December 2004 to June 2011		Post Remedial Action (b) Percent Reduction (June 2012 to November 2024)	Average (December 2019 to November 2024)	Before/During Remedial Action December 2004 to June 2011		Post Remedial Action (b) Percent Reduction (June 2012 to November 2024)	Average (December 2019 to November 2024)
			Minimum Detection	Maximum Detection			Minimum Detection	Maximum Detection		
Ethylbenzene 5	(ug/L)	5	ND	ND	-	ND	ND	**36.4**	85.7%	5.2
m,p-Xylene 5	(ug/L)	5	ND	ND	-	ND	**12**	**371**	89.9%	37.61
o-Xylene 5	(ug/L)	5			-	ND				
Acenaphthene 20	(ug/L)	20	ND	**12**	86.7%	1.6	**3.1**	**1300**	85.7%	186
Benzo(b) fluoranthene .002	(ug/L)	0.002	**2.30**	**15**	75.3%	3.7	ND	**210**	99.7%	0.69
Fluoranthene 50	(ug/L)	50	**1.8**	**17**	75.9%	4.1	**21**	**660**	98.4%	10.7
Fluorene 50	(ug/L)	50	ND	**6.1**	90.5%	0.58	**2.5**	**630**	87.0%	81.9
Naphthalene 10	(ug/L)	10	ND	**3.5**	-2.9%	3.6	ND	**2300**	84.5%	357.1
Phenanthrene 50	(ug/L)	50	**0.62**	**13**	89.2%	1.4	**5.9**	**1200**	95.0%	60
Pyrene 50	(ug/L)	50	**1**	**15**	78.0%	3.3	**15**	**400**	98.5%	6.2

Bold text indicates a detection or estimated detection above reporting limits

Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Standards
Bold	Indicates exceeds 6 CRR-NY 703.5 Table 1 Ambient Water Quality Guidance Value
NC	No standard or guidance currently established
NR	Not reported in Osmose document or data not available to Inventum.
Notes:	U = not detected above reporting limit shown. J: Anlyte positively identified at estimated value shown. B: Analyte found in blank sample.

(a) The historical data presented herein are from Osmose Parking Lot Annual Remediation Status Report for July 1, 2014 to June 30, 2015. Appendix A. Table 1 - Analytical Results.

(b) Percent reduction of the VOCs and SVOCs shown from the maximum concentration before/during remedial action to the average of data from the last 10 sample events (December 2019 to November 2024). Non-detects excluded from the

(c) Calculated average in sample results (+/- ug/L) over the last 10 sampling events. Non-detects excluded from the average.

Table 4a
2024 Periodic Review Report
Historical Trends
Osmose Wood Preserving Site
Site No. 915143

Well ID		6 CRR-NY 703.5 Table 1 Standards and Guidance Values	MW-28			
			Before/During Remedial Action		Post Remedial Action (b) Percent Reduction (June 2012 to November 2024)	Average (December 2019 to November 2024)
Date Range			December 2004 to June 2011			
			Minimum Detection	Maximum Detection		
Ethylbenzene 5	(ug/L)	5	ND	ND	-	ND
m,p-Xylene 5	(ug/L)	5	ND	ND	-	ND
o-Xylene 5	(ug/L)	5				
Acenaphthene 20	(ug/L)	20	ND	**0.85**	92.9%	0.06
Benzo(b) fluoranthene .002	(ug/L)	0.002	ND	**1.9**	98.2%	0.04
Fluoranthene 50	(ug/L)	50	ND	**2.8**	95.9%	0.12
Fluorene 50	(ug/L)	50	ND	**1.8**	97.2%	0.05
Naphthalene 10	(ug/L)	10	ND	**0.79**	83.5%	0.13
Phenanthrene 50	(ug/L)	50	**0.076**	**3.6**	94.2%	0.21
Pyrene 50	(ug/L)	50	ND	**1.9**	96.3%	0.07

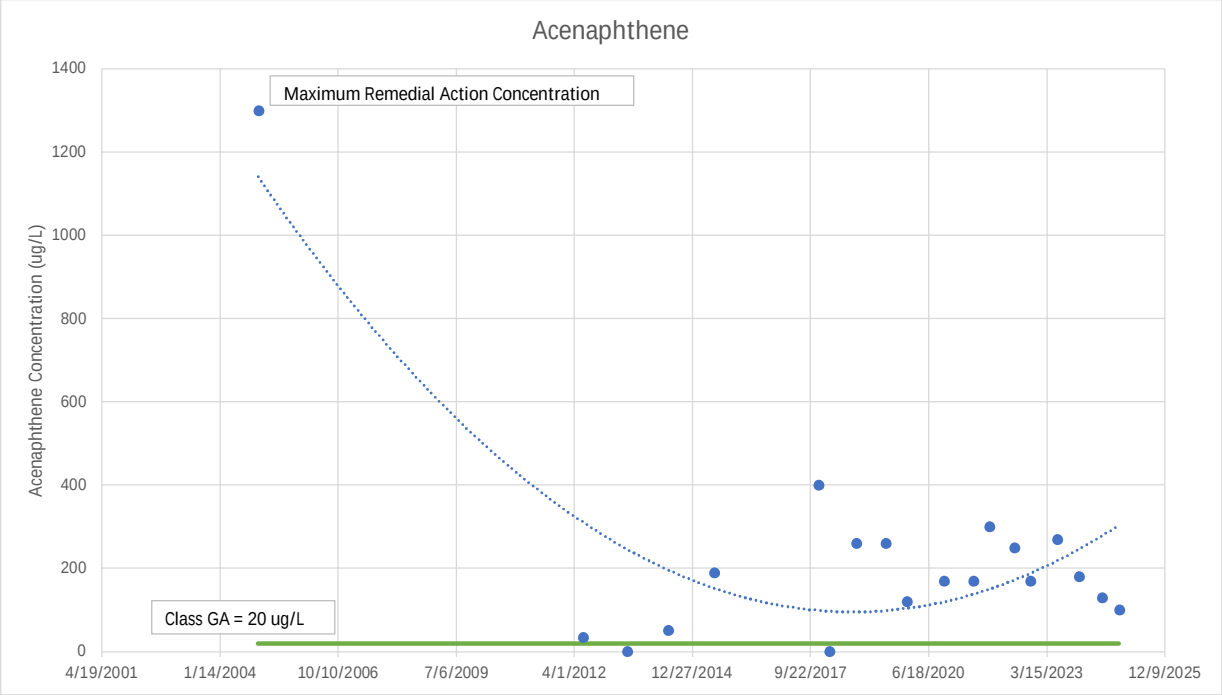
Bold text indicates a detection or estimated detection above reporting limits
Bold
Bold
NC
NR

Notes:
(a) The historical data presented herein are from Osmose Parking Lot Annual Remediation Status Report for July 1, 2014 to June 30, 2015. Appendix A. Table 1 - Analytical Results.

(b) Percent reduction of the VOCs and SVOCs shown from the maximum concentration before/during remedial action to the average of data from the last 10 sample events

(c) Calculated average in sample results (+/- ug/L) over the last 10 sampling events. Non-detec

Table 5
SVOC Trend Graphs
Osmose Wood Preserving Site
Buffalo, New York
Site No. 915143



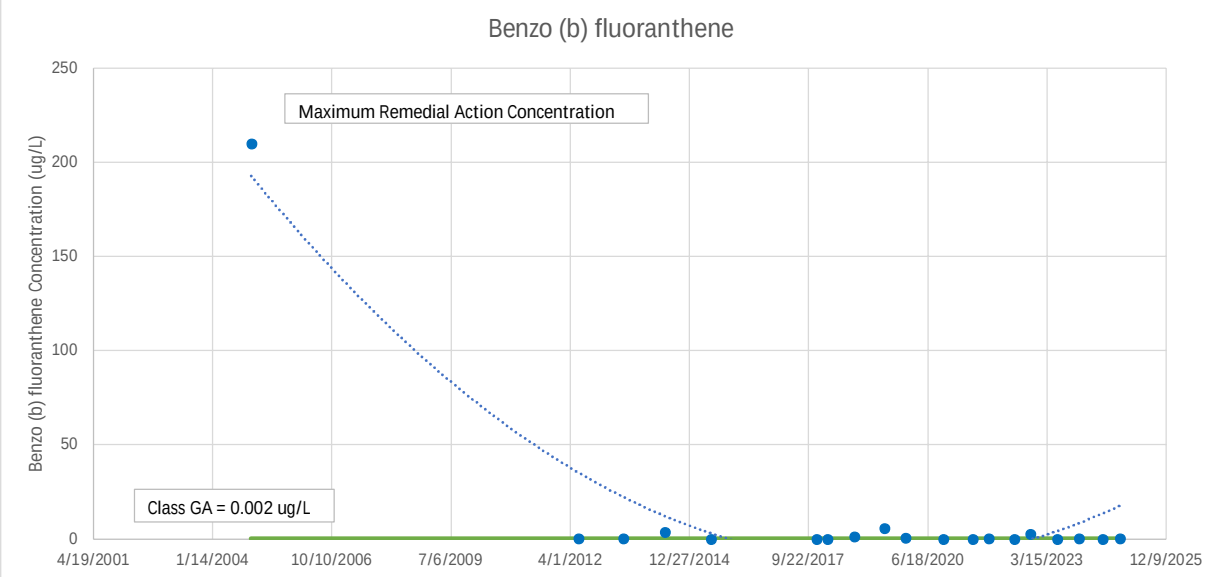
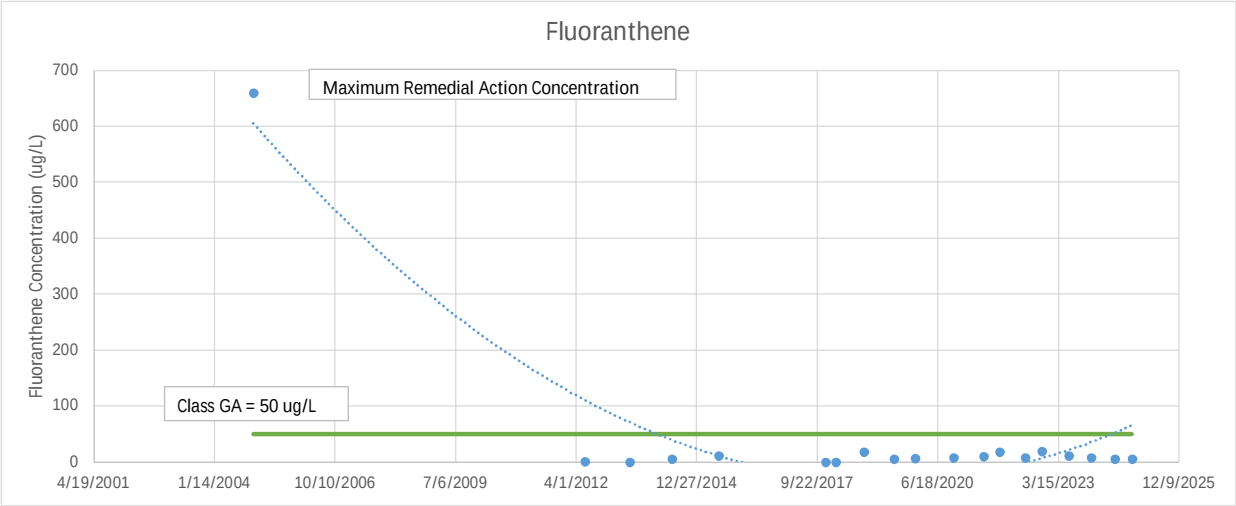


Table 5
SVOC Trend Graphs
Osmose Wood Preserving Site
Buffalo, New York
Site No. 915143



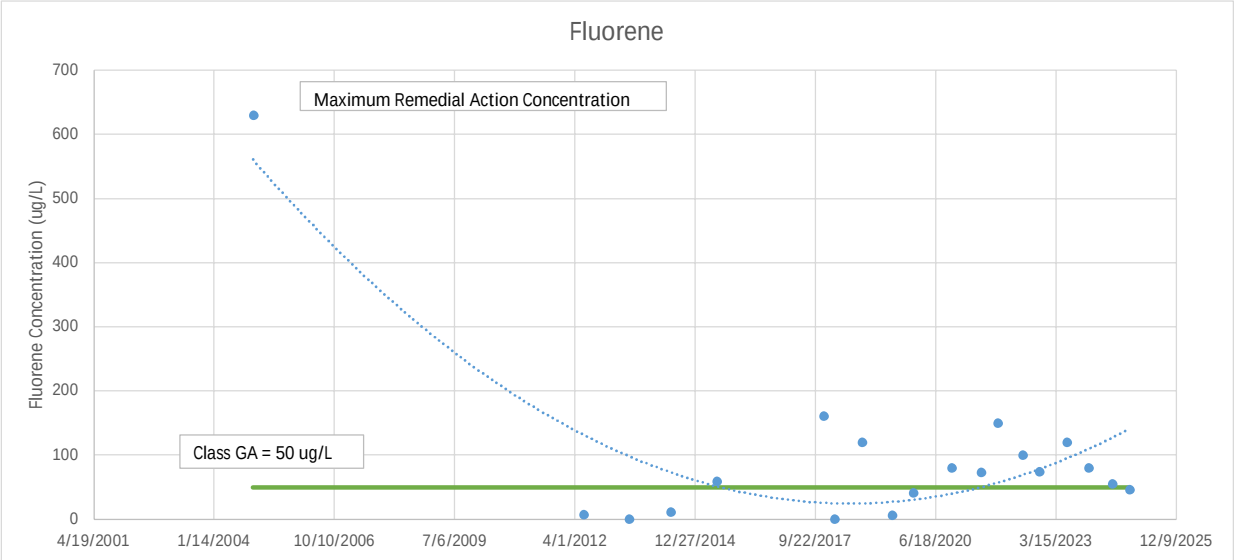
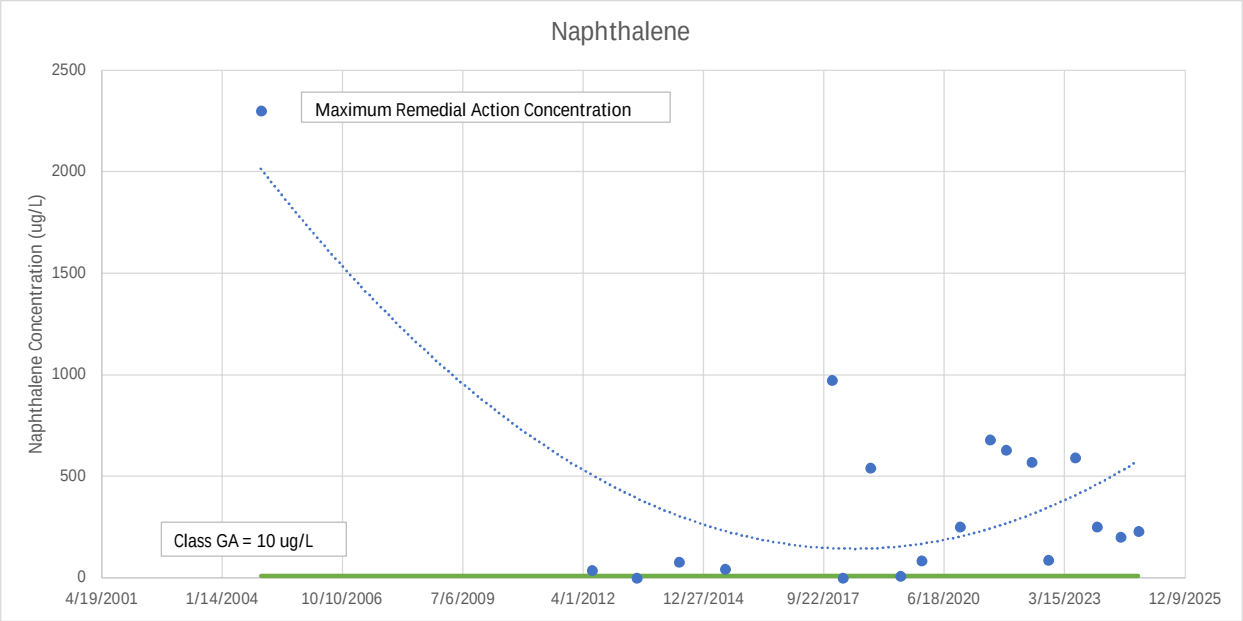


Table 5
SVOC Trend Graphs
Osmose Wood Preserving Site
Buffalo, New York
Site No. 915143



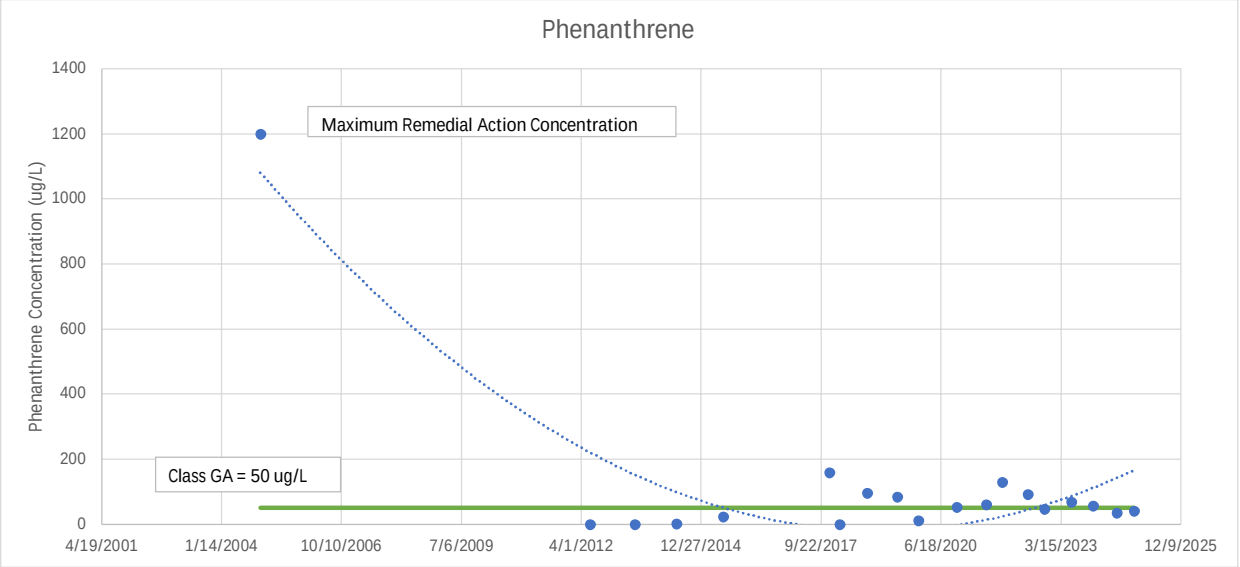


Table 5
SVOC Trend Graphs
Osmose Wood Preserving Site
Buffalo, New York
Site No. 915143

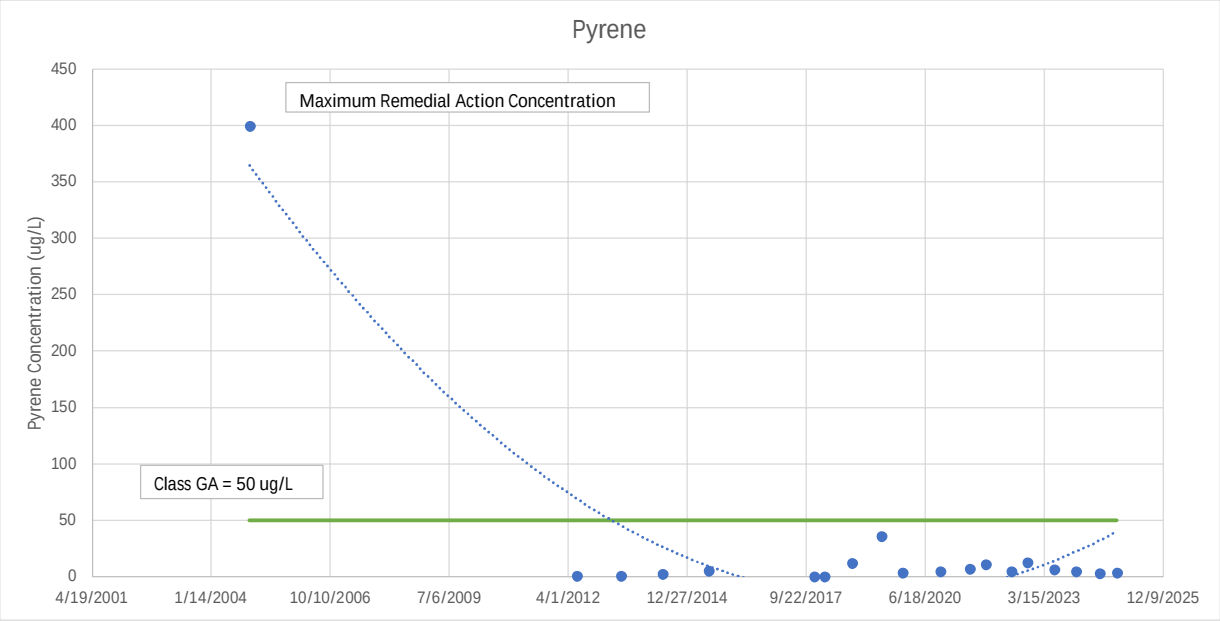
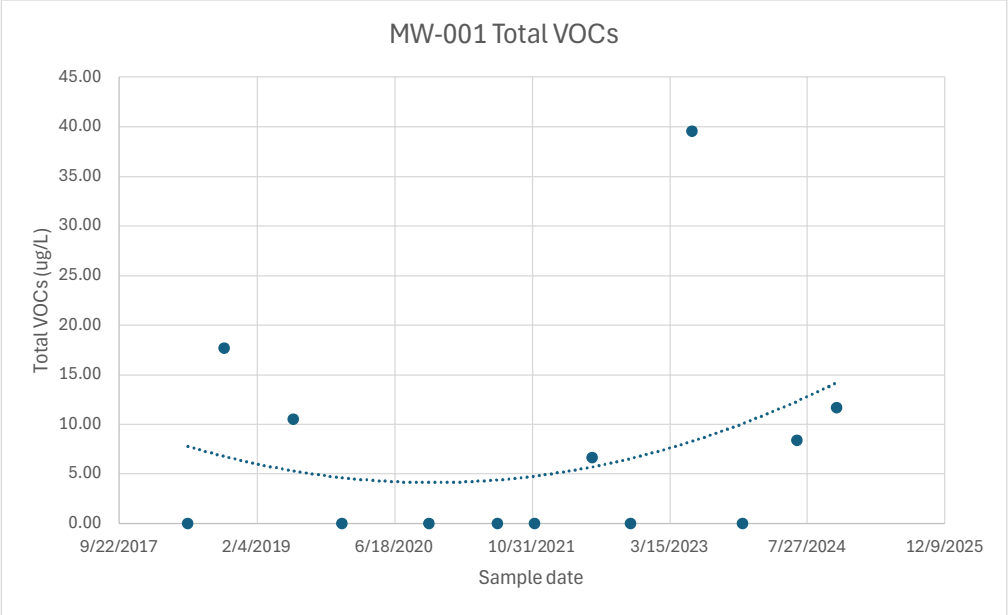


Table 6
Total VOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



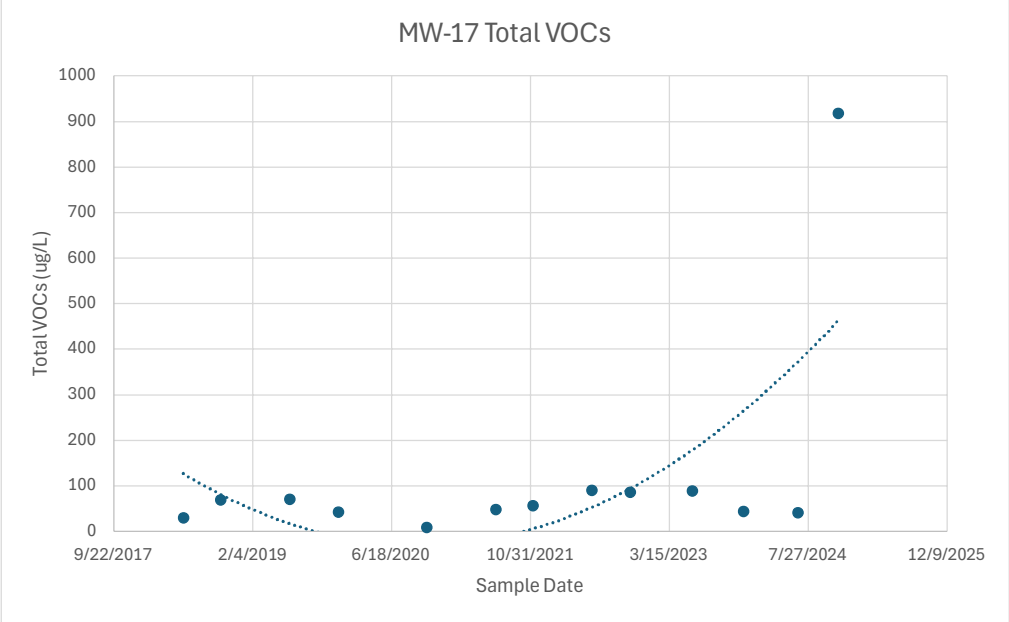
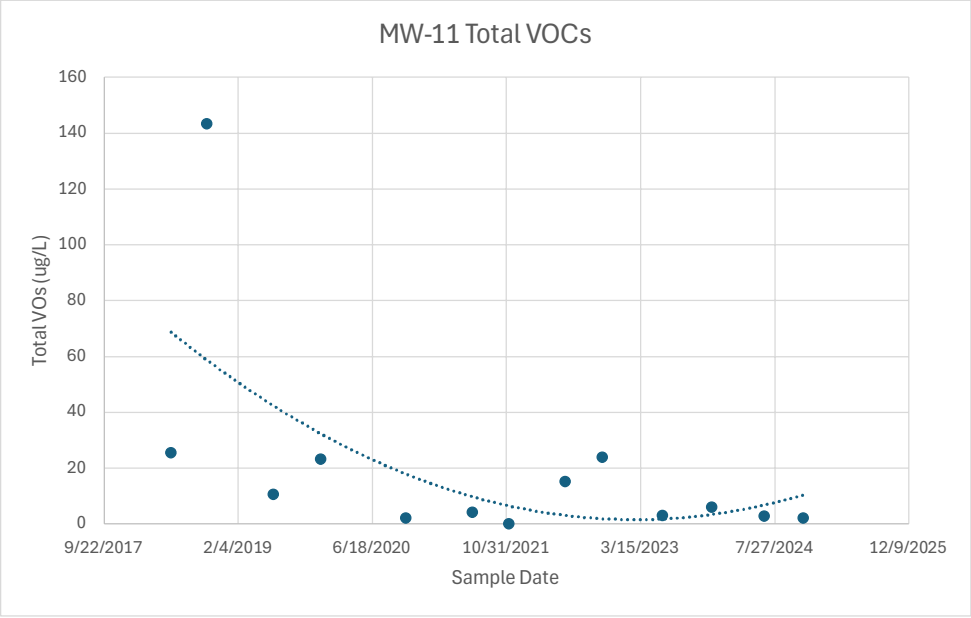


Table 6
Total VOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



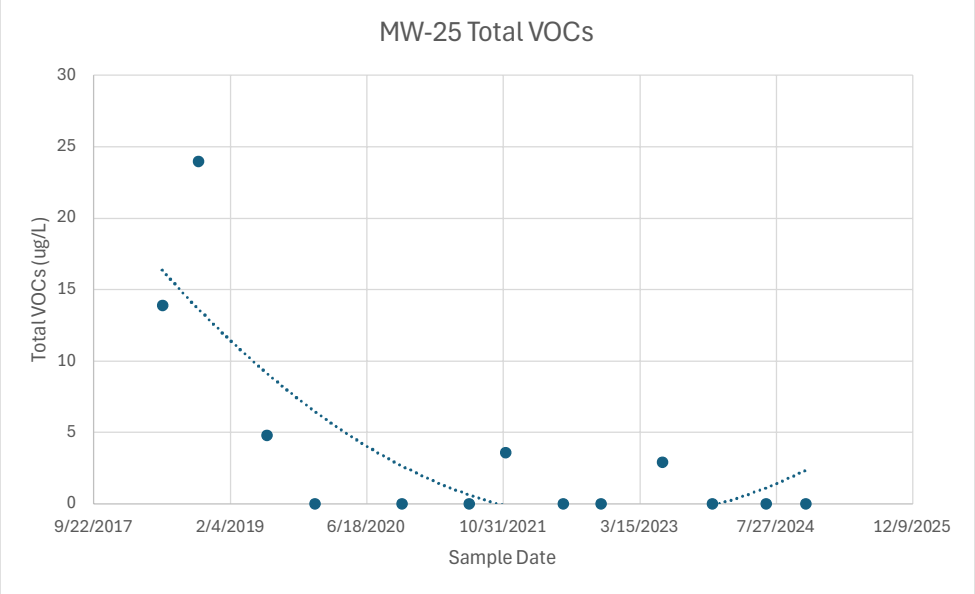
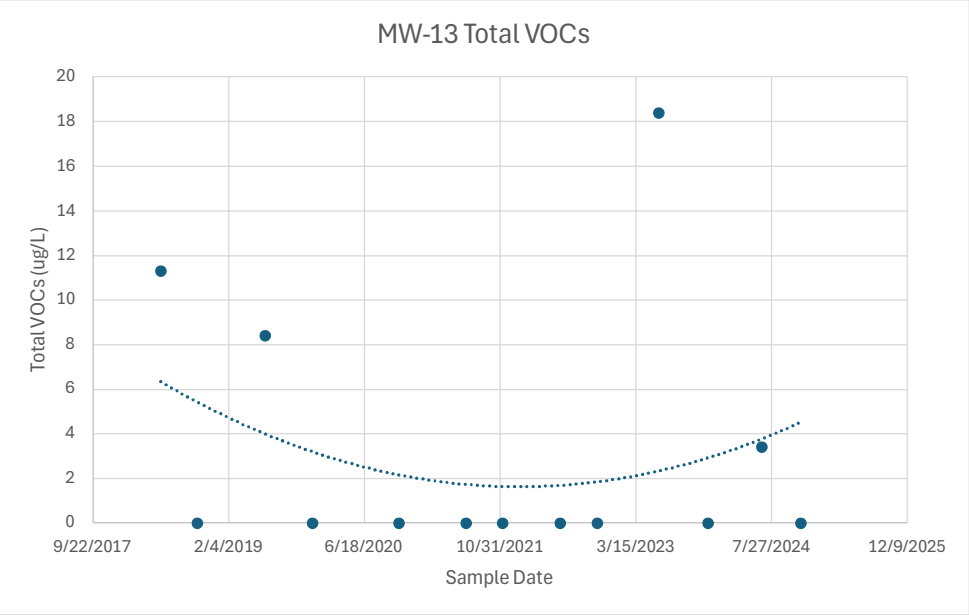


Table 6
Total VOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



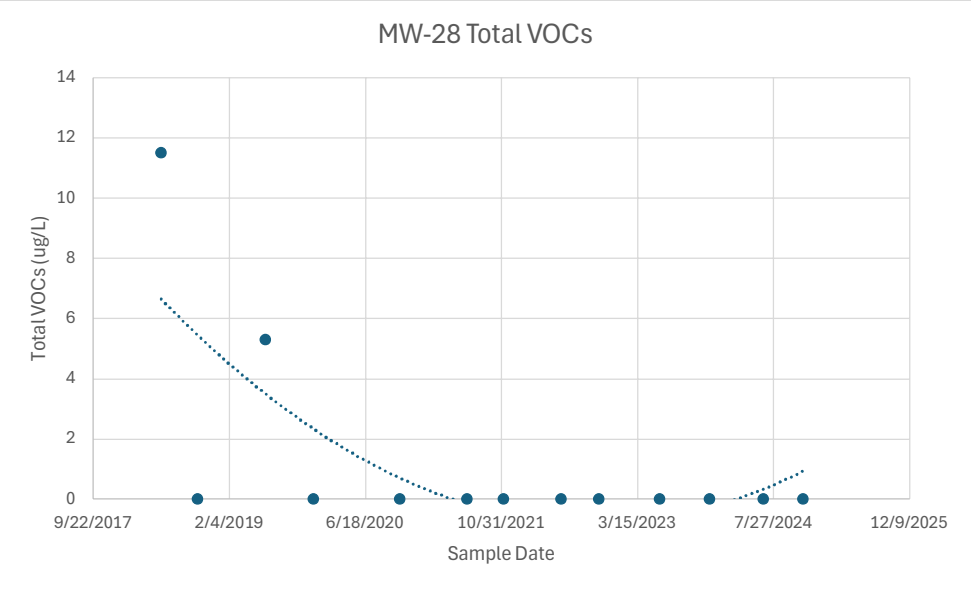
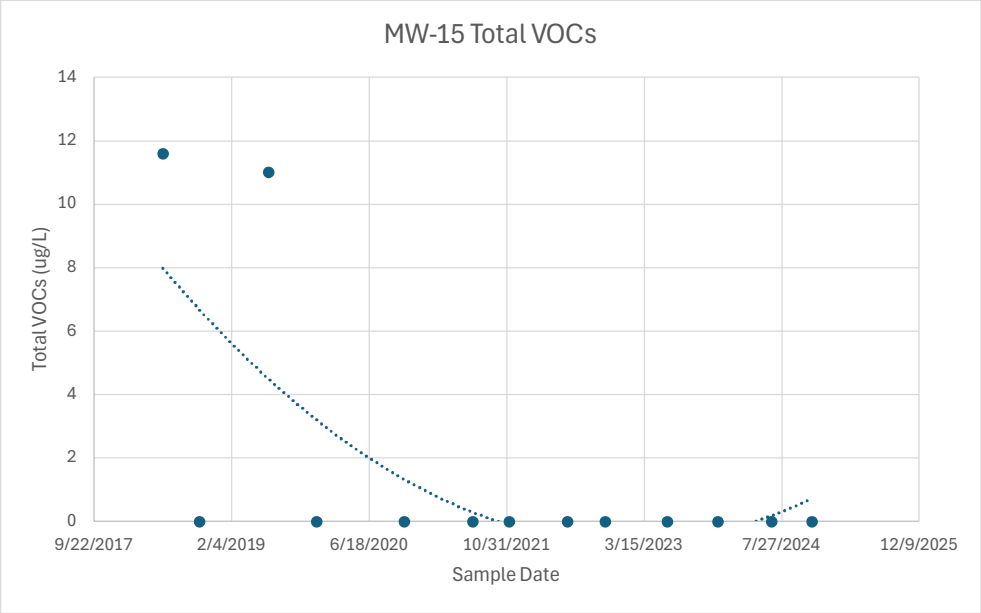


Table 6
Total VOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



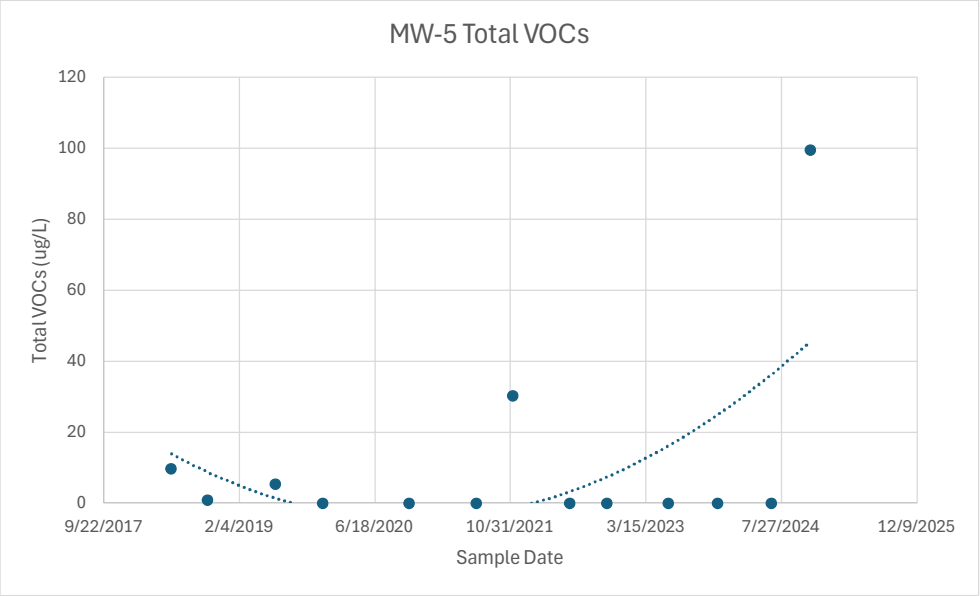
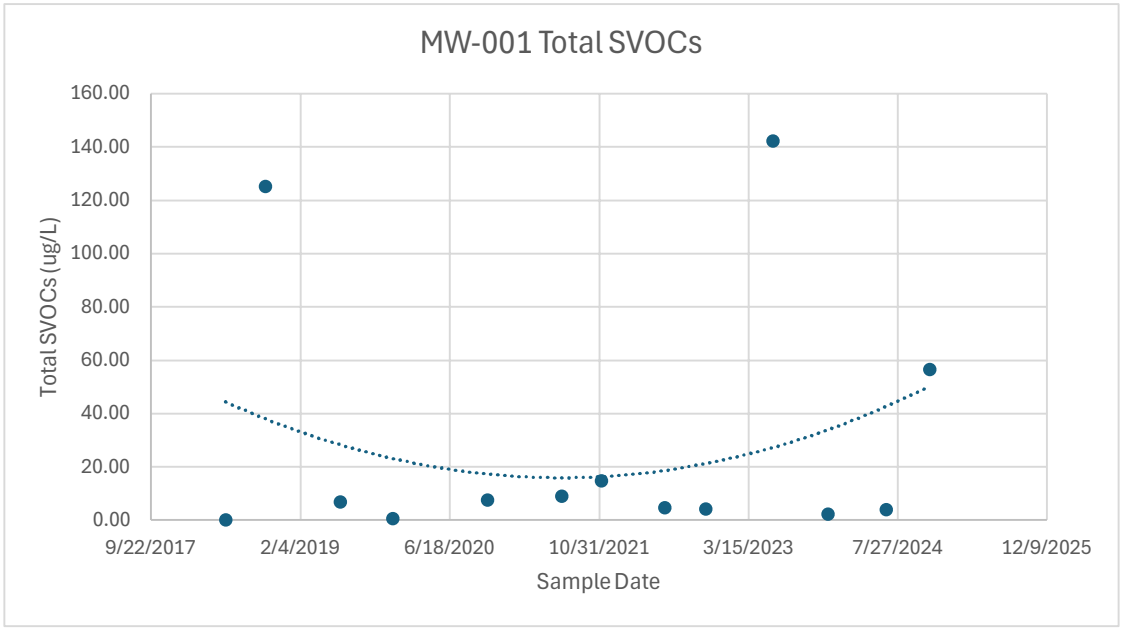


Table 7
Total SVOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



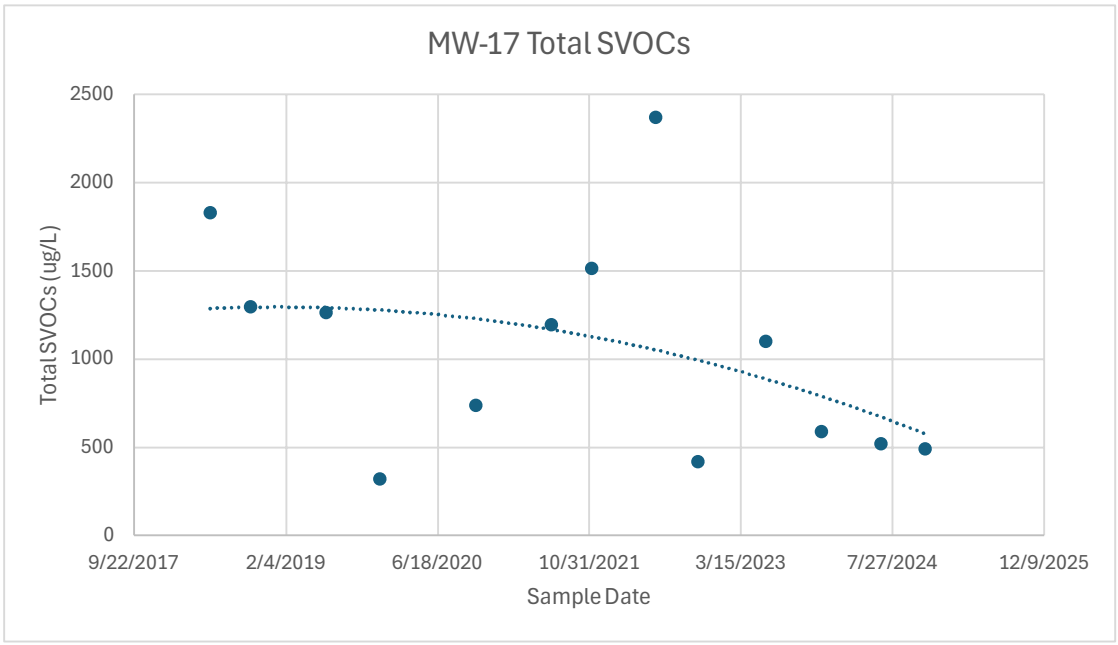
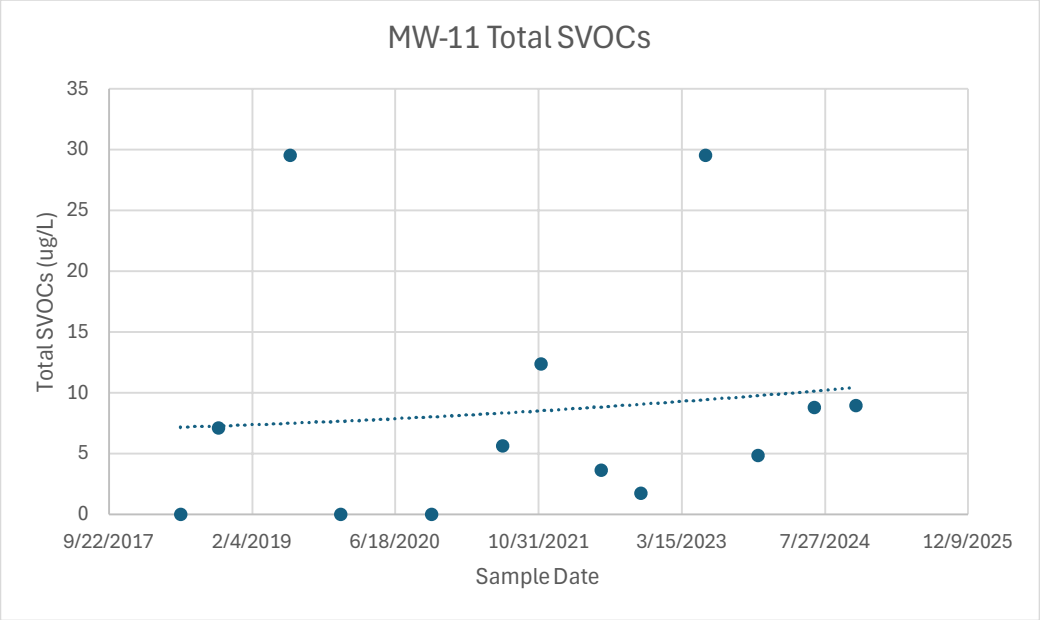


Table 7
Total SVOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



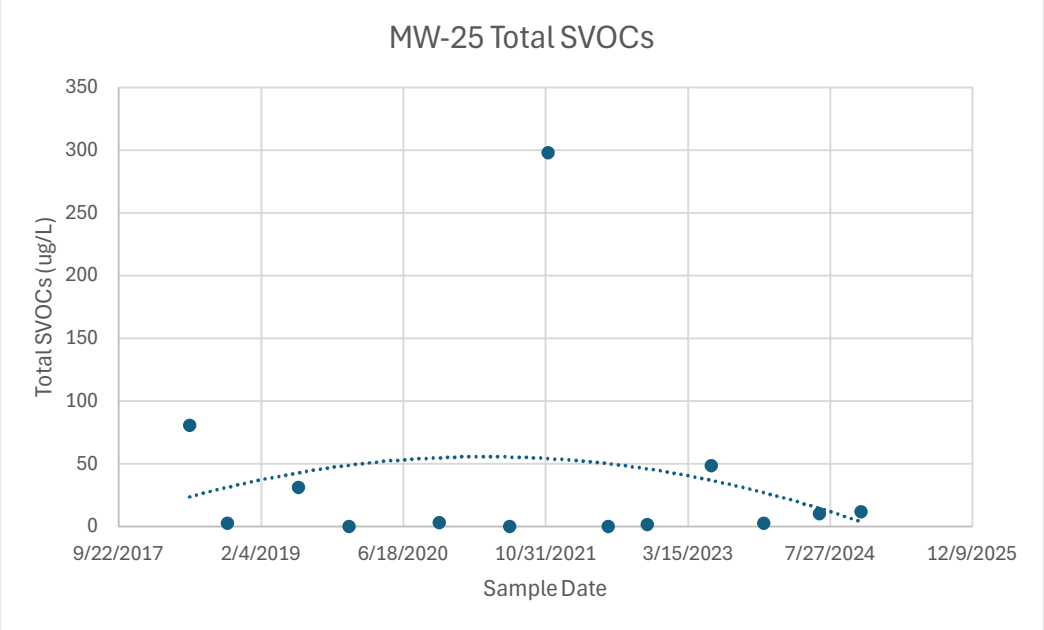
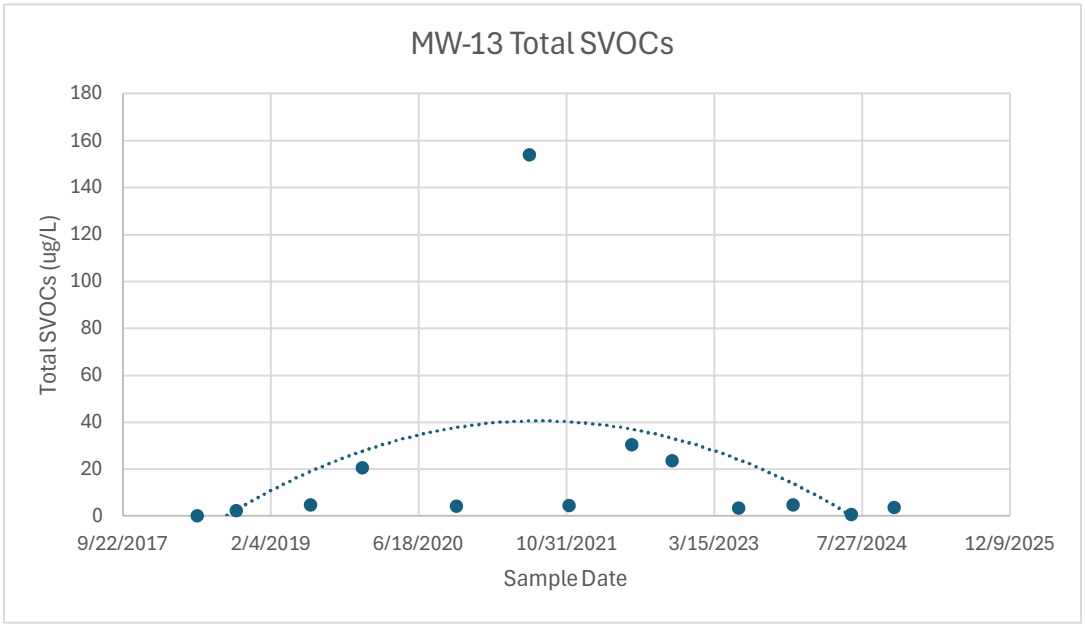


Table 7
Total SVOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143



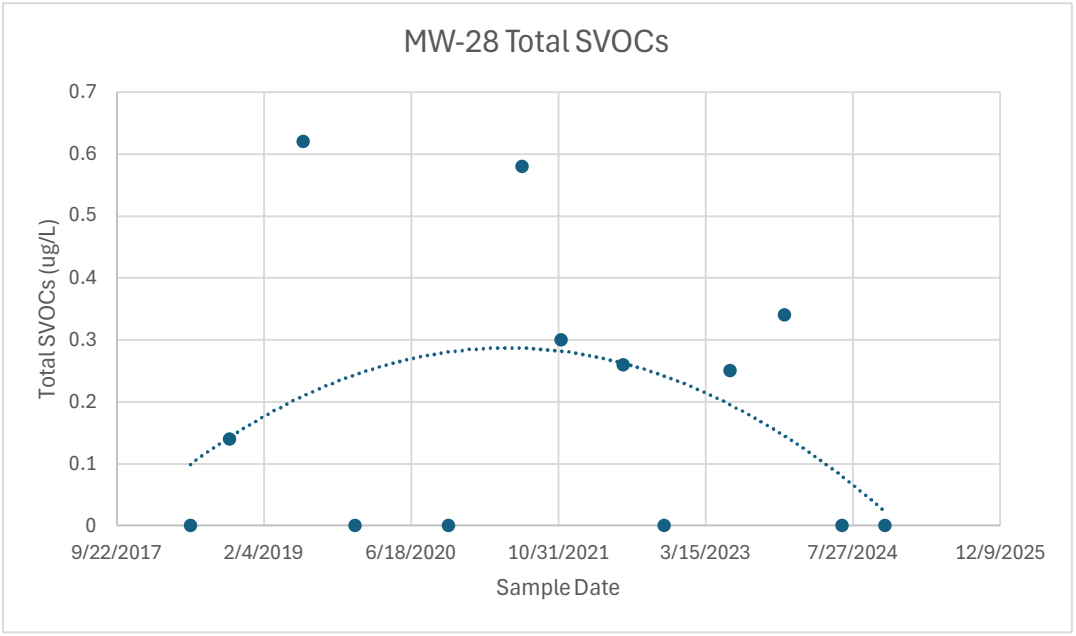
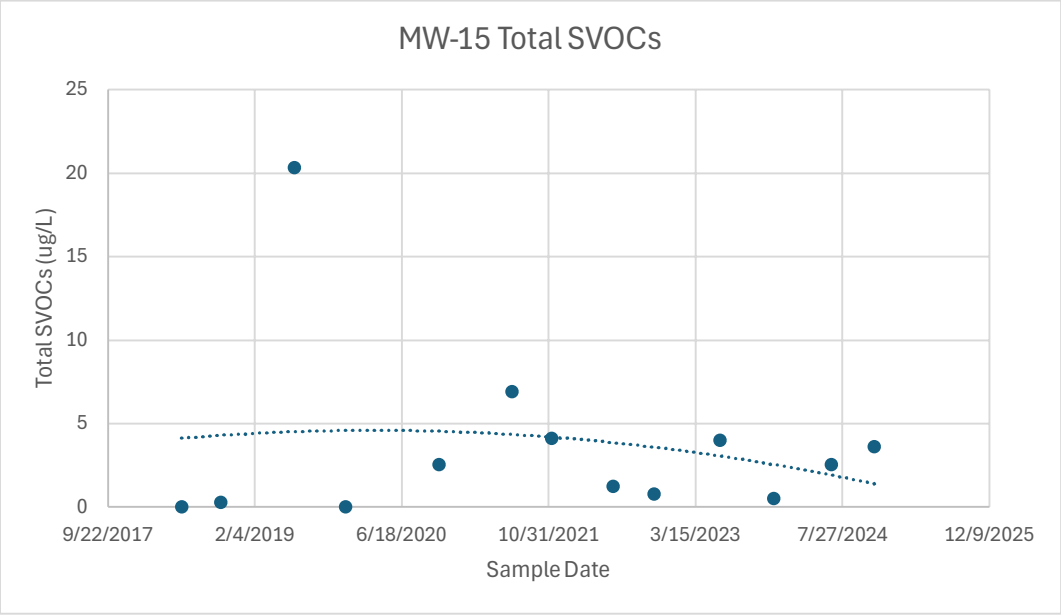
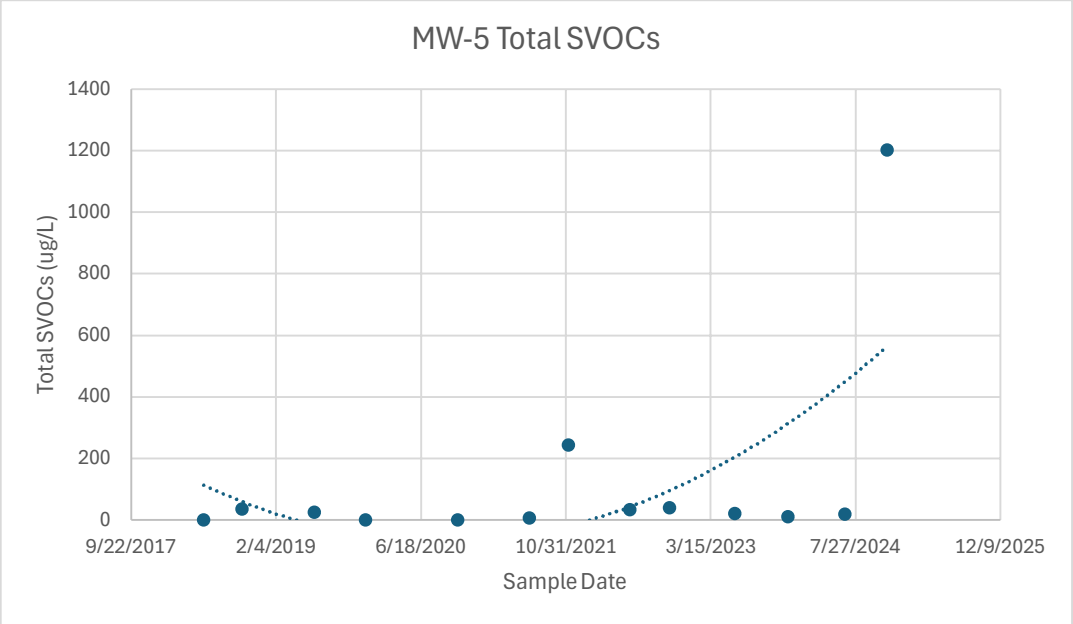


Table 7
Total SVOC Trend Graphs
2024 Periodic Review Report
Osmose Wood Preserving Site
Site No. 915143





Figures

Reference:
1. Basemap from "Map Showing Monitoring Well Locations at 780 Ellicott LLC." July 8, 2017. Niagara Boundary and Mapping Services. Job No. 9652-14.
2. Only wells part of the monitoring network are shown.

B

DRAWING BY	CB
CHECKED	TW
APPROVED	

980 ELLICOTT STREET
PRR MONITORING SITE LAYOUT

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 1

2024 PRR

6 CCR-NY 703.5 Table 1 Standards and Guidance Values	(ug/L)
Isopropylbenzene	5
o-Xylene	5
p/m-Xylene	5
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Pentachlorophenol	1

Notes:
1. Analytes/data only shown if at least one sample exceeded the relevant Standard or Guidance Value.
2. "U" = Analyte not detected above reporting limit shown; "J" Analyte positively identified at estimated value shown.
3. Highlighted values indicate detection, estimated detection, or non-detect reporting limit above Standard or Guidance Value shown.
4. MW-28 was dry and not sampled during the time of this sampling event.

MW-13	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	3.4
Acenaphthene	<0.02 U
Benzo(a)anthracene	0.04 J
Benzo(a)pyrene	0.05 J
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.03 J
Chrysene	0.04 J
Fluorene	<0.03 U
Indeno(1,2,3-cd)pyrene	0.07 J
Naphthalene	0.12
Pentachlorophenol	0.07 J
Total SVOCs	0.79

MW-25	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Acenaphthene	0.6
Benzo(a)anthracene	<0.03 U
Benzo(a)pyrene	0.69
Benzo(b)fluoranthene	0.57
Benzo(k)fluoranthene	0.09 J
Chrysene	<0.03 U
Fluorene	0.07 J
Indeno(1,2,3-cd)pyrene	1.8
Naphthalene	0.27
Pentachlorophenol	<0.06 U
Total SVOCs	7.26

MW-17	(ug/L)
Isopropylbenzene	6.3
o-Xylene	16
p/m-Xylene	10
Total VOCs	40.65
Acenaphthene	130
Benzo(a)anthracene	<0.15 U
Benzo(a)pyrene	<0.12 U
Benzo(b)fluoranthene	<0.14 U
Benzo(k)fluoranthene	<0.17 U
Chrysene	<0.16 U
Fluorene	55
Indeno(1,2,3-cd)pyrene	<0.11 U
Naphthalene	200
Pentachlorophenol	2.4 J
Total SVOCs	454.3

MW-001	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	2 J
p/m-Xylene	0.71 J
Total VOCs	8.41
Acenaphthene	0.72
Benzo(a)anthracene	<0.03 U
Benzo(a)pyrene	0.29
Benzo(b)fluoranthene	0.4
Benzo(k)fluoranthene	0.11
Chrysene	<0.03 U
Fluorene	0.12
Indeno(1,2,3-cd)pyrene	0.3
Naphthalene	0.07 J
Pentachlorophenol	0.07 J
Total SVOCs	3.04

MW-5	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Acenaphthene	4.8
Benzo(a)anthracene	0.24
Benzo(a)pyrene	0.42
Benzo(b)fluoranthene	0.62
Benzo(k)fluoranthene	0.16
Chrysene	0.28
Fluorene	1.5
Indeno(1,2,3-cd)pyrene	0.74
Naphthalene	2.7
Pentachlorophenol	0.08 J
Total SVOCs	16.15

MW-15	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Acenaphthene	0.24
Benzo(a)anthracene	0.06 J
Benzo(a)pyrene	0.1
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.05 J
Chrysene	0.08 J
Fluorene	0.17
Indeno(1,2,3-cd)pyrene	0.16
Naphthalene	0.19
Pentachlorophenol	0.08 J
Total SVOCs	2.53

MW-11	(ug/L)
Isopropylbenzene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	2.9
Acenaphthene	0.48
Benzo(a)anthracene	0.2
Benzo(a)pyrene	0.21
Benzo(b)fluoranthene	0.44
Benzo(k)fluoranthene	0.14
Chrysene	0.33
Fluorene	0.37
Indeno(1,2,3-cd)pyrene	0.24
Naphthalene	0.53
Pentachlorophenol	0.17 J
Total SVOCs	6.62

Reference:
1. Basemap from "Map Showing Monitoring Well Locations at 780 Ellicott LLC." July 8, 2017. Niagara Boundary and Mapping Services. Job No. 9652-14.
2. Only wells part of the monitoring network are shown.

Note:
1. MW-28 was observed to be dry during this sampling event.

N

1" = 30'

30' 15' 0' 30'

B

DRAWING BY: CB
CHECKED: TW
APPROVED:

JUNE 2024 GROUNDWATER
MONITORING RESULTS
980 ELLICOTT STREET
NYSDEC SITE NO. 915143

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
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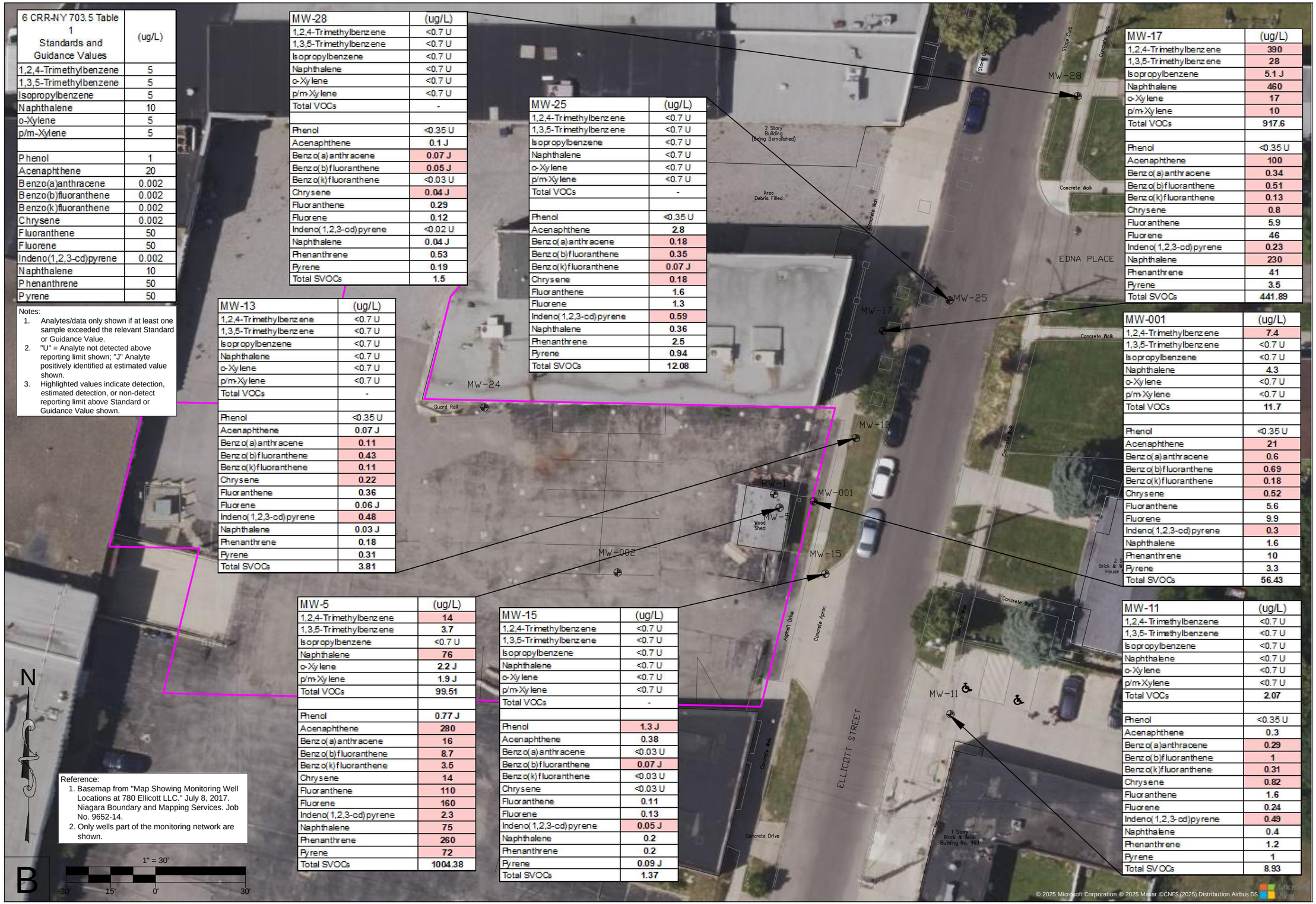
FIGURE 2A

2024 PRR



6 CRR-NY 703.5 Table 1 Standards and Guidance Values	(ug/L)
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Isopropylbenzene	5
Naphthalene	10
o-Xylene	5
p/m-Xylene	5
Phenol	1
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluoranthene	50
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Pyrene	50

Notes:
1. Analytes/data only shown if at least one sample exceeded the relevant Standard or Guidance Value.
2. "U" = Analyte not detected above reporting limit shown; "J" Analyte positively identified at estimated value shown.
3. Highlighted values indicate detection, estimated detection, or non-detect reporting limit above Standard or Guidance Value shown.

MW-28	(ug/L)
1,2,4-Trimethylbenzene	<0.7 U
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Phenol	<0.35 U
Acenaphthene	0.1 J
Benzo(a)anthracene	0.07 J
Benzo(b)fluoranthene	0.05 J
Benzo(k)fluoranthene	<0.03 U
Chrysene	0.04 J
Fluoranthene	0.29
Fluorene	0.12
Indeno(1,2,3-cd)pyrene	<0.02 U
Naphthalene	0.04 J
Phenanthrene	0.53
Pyrene	0.19
Total SVOCs	1.5

MW-25	(ug/L)
1,2,4-Trimethylbenzene	<0.7 U
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Phenol	<0.35 U
Acenaphthene	2.8
Benzo(a)anthracene	0.18
Benzo(b)fluoranthene	0.35
Benzo(k)fluoranthene	0.07 J
Chrysene	0.18
Fluoranthene	1.6
Fluorene	1.3
Indeno(1,2,3-cd)pyrene	0.59
Naphthalene	0.36
Phenanthrene	2.5
Pyrene	0.94
Total SVOCs	12.08

MW-17	(ug/L)
1,2,4-Trimethylbenzene	390
1,3,5-Trimethylbenzene	28
Isopropylbenzene	5.1 J
Naphthalene	460
o-Xylene	17
p/m-Xylene	10
Total VOCs	917.6
Phenol	<0.35 U
Acenaphthene	100
Benzo(a)anthracene	0.34
Benzo(b)fluoranthene	0.51
Benzo(k)fluoranthene	0.13
Chrysene	0.8
Fluoranthene	5.9
Fluorene	46
Indeno(1,2,3-cd)pyrene	0.23
Naphthalene	230
Phenanthrene	41
Pyrene	3.5
Total SVOCs	441.89

MW-13	(ug/L)
1,2,4-Trimethylbenzene	<0.7 U
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Phenol	<0.35 U
Acenaphthene	0.07 J
Benzo(a)anthracene	0.11
Benzo(b)fluoranthene	0.43
Benzo(k)fluoranthene	0.11
Chrysene	0.22
Fluoranthene	0.36
Fluorene	0.06 J
Indeno(1,2,3-cd)pyrene	0.48
Naphthalene	0.03 J
Phenanthrene	0.18
Pyrene	0.31
Total SVOCs	3.81

MW-001	(ug/L)
1,2,4-Trimethylbenzene	7.4
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	4.3
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	11.7
Phenol	<0.35 U
Acenaphthene	21
Benzo(a)anthracene	0.6
Benzo(b)fluoranthene	0.69
Benzo(k)fluoranthene	0.18
Chrysene	0.52
Fluoranthene	5.6
Fluorene	9.9
Indeno(1,2,3-cd)pyrene	0.3
Naphthalene	1.6
Phenanthrene	10
Pyrene	3.3
Total SVOCs	56.43

MW-5	(ug/L)
1,2,4-Trimethylbenzene	14
1,3,5-Trimethylbenzene	3.7
Isopropylbenzene	<0.7 U
Naphthalene	76
o-Xylene	2.2 J
p/m-Xylene	1.9 J
Total VOCs	99.51
Phenol	0.77 J
Acenaphthene	280
Benzo(a)anthracene	16
Benzo(b)fluoranthene	8.7
Benzo(k)fluoranthene	3.5
Chrysene	14
Fluoranthene	110
Fluorene	160
Indeno(1,2,3-cd)pyrene	2.3
Naphthalene	75
Phenanthrene	260
Pyrene	72
Total SVOCs	1004.38

MW-15	(ug/L)
1,2,4-Trimethylbenzene	<0.7 U
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	-
Phenol	1.3 J
Acenaphthene	0.38
Benzo(a)anthracene	<0.03 U
Benzo(b)fluoranthene	0.07 J
Benzo(k)fluoranthene	<0.03 U
Chrysene	<0.03 U
Fluoranthene	0.11
Fluorene	0.13
Indeno(1,2,3-cd)pyrene	0.05 J
Naphthalene	0.2
Phenanthrene	0.2
Pyrene	0.09 J
Total SVOCs	1.37

MW-11	(ug/L)
1,2,4-Trimethylbenzene	<0.7 U
1,3,5-Trimethylbenzene	<0.7 U
Isopropylbenzene	<0.7 U
Naphthalene	<0.7 U
o-Xylene	<0.7 U
p/m-Xylene	<0.7 U
Total VOCs	2.07
Phenol	<0.35 U
Acenaphthene	0.3
Benzo(a)anthracene	0.29
Benzo(b)fluoranthene	1
Benzo(k)fluoranthene	0.31
Chrysene	0.82
Fluoranthene	1.6
Fluorene	0.24
Indeno(1,2,3-cd)pyrene	0.49
Naphthalene	0.4
Phenanthrene	1.2
Pyrene	1
Total SVOCs	8.93

Reference:
1. Basemap from "Map Showing Monitoring Well Locations at 780 Ellicott LLC." July 8, 2017. Niagara Boundary and Mapping Services. Job No. 9652-14.
2. Only wells part of the monitoring network are shown.

DRAWING BY: CB
CHECKED: TW
APPROVED:

NOVEMBER 2024 GROUNDWATER MONITORING RESULTS
980 ELLICOTT STREET
NYSDEC SITE NO. 915143

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
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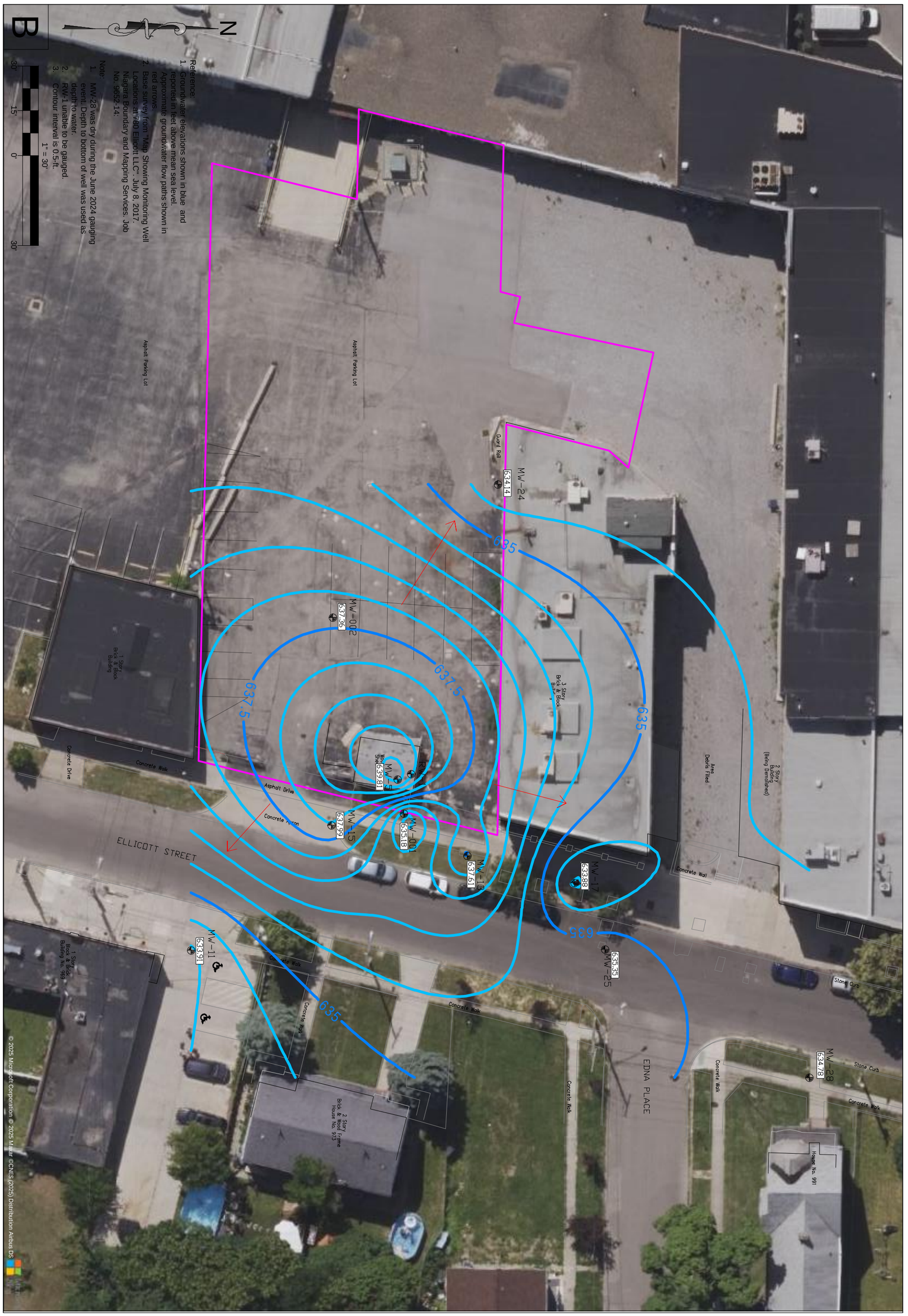
FIGURE 2B

2024 PRR



2024 PRR	FIGURE 3A	*INVENTUM ENGINEERING* 441 CARLISLE DRIVE SUITE C HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com	JUNE 2024 GROUNDWATER ELEVATION MAP 780 ELLICOTT STREET NYSDEC SITE NO. 915143		

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2024 PRR

FIGURE 3B

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
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NOVEMBER 2024
GROUNDWATER ELEVATION MAP
780 ELLICOTT STREET
NYSDEC SITE NO. 915143

DRAWING BY	CB
CHECKED	TW
APPROVED	

Appendices

Appendix A – Site Inspection Forms

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-001				Depth to Water (ft BTOC): 4.85				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2024				Total Depth (ft BTOC): 22.34				
Purge Details								
Time Start: 10:50				Comments/Notes:				
Time Ended: 11:25				4" Well				
Total Purge Volume: 2.7 Gal				3 Well Volumes: 34.25 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
10:50	0	6.93	16.8	198.21	0.151	119.0	4.64	4.85
10:55	1500	6.92	16.7	190.44	0.152	20.2	4.51	6.22
11:00	3000	6.92	16.8	170.36	0.153	121.2	4.35	6.67
11:05	4500	6.92	16.8	163.17	0.154	121.9	4.30	7.03
11:10	6000	6.91	17.0	151.41	0.155	122.4	4.24	7.25
11:15	7500	6.91	16.7	155.02	0.158	116.1	4.16	7.45
11:17	8100	6.91	16.7	156.10	0.161	75.1	4.11	7.61
11:19	8700	6.91	17.0	152.19	0.162	51.1	4.05	7.70
11:21	9300	6.91	17.1	147.13	0.161	42.6	3.99	7.79
11:23	9900	6.91	17.0	147.09	0.162	36.8	3.95	7.86
11:25	10500	6.91	17.0	145.21	0.161	34.2	3.90	7.92
Sample Details								
Sample Date: Low Flow				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 11:25				Sample ID: MW-001-06202024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-002				Depth to Water (ft BTOC): 6.45				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2024				Total Depth (ft BTOC): 7.46				
Purge Details								
Time Start: 13:45				Comments/Notes: Observation only - No sample				
Time Ended: 14:25				2 In. Well				
Total Purge Volume: 3.17 Gal				3 Well volumes: 0.49 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
13:45	0	7.20	23.7	249.47	0.015	2.90	2.11	6.45
13:55	3000	6.99	24.0	140.23	0.020	20.60	0.98	3.99
14:00	4500	7.42	24.7	67.87	0.050	-35.80	0.31	4.00
14:05	6000	7.48	24.9	63.34	0.056	-61.20	0.15	4.05
14:10	7500	7.53	24.4	16.83	0.070	-98.50	0.07	4.05
14:15	9000	7.54	24.4	9.18	0.076	-108.40	0.07	4.05
14:20	10500	7.60	24.6	9.60	0.082	-114.40	0.09	4.05
14:25	12000	7.57	24.5	9.23	0.086	-114.90	0.10	3.49
Sample Details								
Method: Low Flow				Analysis: No Sample Taken				
Sample Time: -				Sample ID: No Sample Taken				
Sampled By: -								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-5				Depth to Water (ft BTOC): 4.12				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2024				Total Depth (ft BTOC): 17.4				
Purge Details								
Time Start: 12:50				Comments/Notes:				
Time Ended: 13:36				2 in. Well				
Total Purge Volume: 2.43 Gal				3 Well Volumes: 6.50 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
12:50	0	7.52	16.3	432.60	0.128	-125.1	2.34	4.12
12:55	1000	7.22	19.0	380.62	0.116	-76.6	1.44	5.50
13:00	2000	7.24	18.8	252.02	0.108	-38.8	2.46	5.66
13:05	3000	7.24	14.1	131.85	0.103	-0.8	3.85	5.82
13:10	4000	7.25	18.8	135.83	0.089	17.7	4.56	5.47
13:15	5000	7.34	18.1	37.05	0.063	56.8	6.78	6.27
13:20	6000	7.31	18.4	44.64	0.065	63.9	6.82	7.00
13:25	7000	7.22	18.5	49.74	0.074	78.9	6.54	7.68
13:30	8000	7.08	18.5	49.27	0.094	93.8	5.98	8.51
13:33	8600	7.06	18.5	51.06	0.093	93.7	5.74	8.70
13:36	9200	7.06	18.7	52.10	0.098	91.6	5.67	8.85
Sample Details								
Method: Low Flow				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 13:36				Sample ID: MW5-06202024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM			
Site: 780 Ellicott Street LLC			
Well ID: MW-11		Depth to Water (ft BTOC): 5.81	
Inventum Sampler: CB & MF		Depth to Product (ft BTOC): N/A	
Date: 6/20/2024		Total Depth (ft BTOC): 16.07	
Purge Details			
Time Start: 12:15		Comments/Notes: Water running low - sample collected	
Time Ended: 12:35		2 in. Well	
Total Purge Volume: 1.7 Gal		3 Well Volumes: 5.02 Gal	

Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
12:15	0	8.10	16.6	220.07	1.674	-89.90	1.76	5.81
12:25	4000	8.20	17.0	180.06	0.777	-144.10	0.03	7.31
12:30	5500	9.00	17.0	153.80	0.644	-163.10	-0.03	10.85
12:35	6500	9.38	18.4	121.25	0.727	-157.60	-0.04	12.03

Sample Details	
Method: Low Flow	Analysis: 8260 VOCs, 8270 SVOCs
Sample Time: 12:40	Sample ID: MW11-06202024
Sampled By: CB	

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-13	Depth to Water (ft BTOC): 2.29
Inventum Sampler: CB & MF	Depth to Product (ft BTOC): N/A
Date: 6/20/2024	Total Depth (ft BTOC): 11.51

Purge Details	
Time Start: 10:50	Comments/Notes:
Time Ended: 11:25	4" Well
Total Purge Volume: 2.7 Gal	3 Well Volumes: 18.06 Gal

Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
9:55	0	8.03	16.6	636.17	0.040	-4.2	1.78	2.29
10:05	2000	7.80	18.1	266.73	0.039	19.4	2.90	2.51
10:15	4000	7.57	19.0	29.04	0.036	53.1	4.56	2.32
10:25	6000	7.61	19.0	10.05	0.036	68.0	4.63	2.31
10:30	8000	7.63	19.6	7.25	0.038	72.6	4.53	2.31
10:32	8400	7.64	19.7	5.34	0.039	74.2	4.46	2.31
10:34	8800	7.65	19.7	4.80	0.040	75.1	4.44	2.31

Sample Details	
Method: Low Flow	Analysis: 8260 VOCs, 8270 SVOCs
Sample Time: 10:34	Sample ID: MW13-06202024
Sampled By: CB	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-15				Depth to Water (ft BTOC): 1.53				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2025				Total Depth (ft BTOC): 14.93				
Purge Details								
Time Start: 11:40				Comments/Notes:				
Time Ended: 12:05				2 in. Well				
Total Purge Volume: 2.0 Gal				3 Well Volumes: 6.56 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
11:40	1.53	7.66	18.2	133.45	0.130	97.5	5.14	1.53
11:45	2.72	7.59	18.9	104.11	0.131	101.7	5.01	2.72
11:50	4.99	7.54	19.1	112.43	0.124	103.1	4.63	4.99
11:55	5.32	7.52	19.4	130.85	0.124	105.4	4.46	5.32
12:00	5.74	7.51	19.6	139.74	0.135	107.1	4.43	5.79
12:05	5.03	7.51	19.6	137.90	0.143	109.9	4.80	5.03
Sample Details								
Method: Low Flow				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 12:05				Sample ID: MW15-06202024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-17				Depth to Water (ft BTOC): 5.07				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2025				Total Depth (ft BTOC): 12.38				
Purge Details								
Time Start: 8:50				Comments/Notes:				
Time Ended: 9:20				2 in Well				
Total Purge Volume: 1.2 Gal				3 Well Volumes: 3.58 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
8:50	0	6.75	15.3	15.06	0.778	-121.80	0.84	5.87
9:00	1500	6.95	15.7	14.09	0.785	-144.30	-0.03	7.14
9:10	3000	6.95	15.7	24.01	0.775	-133.10	0.03	7.61
9:15	3750	6.95	15.4	15.85	0.773	-113.60	0.86	7.81
9:20	4500	6.94	16	5.55	0.778	-117.50	0.96	8.03
Sample Details								
Method: Low Flow				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 9:20				Sample ID: MW17-06202024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-24	Depth to Water (ft BTOC): 6.45
Inventum Sampler: CB & MF	Depth to Product (ft BTOC): N/A
Date: 6/20/2025	Total Depth (ft BTOC): 13.42

Purge Details	
Time Start: 14:30	Comments/Notes: No Sample - Observation Only
Time Ended: 14:49	2 in. Well
Total Purge Volume: 1.5 Gal	3 Well Volumes: 3.41

Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
14:30	0	6.91	16.8	195.60	0.701	-70.3	0.34	6.45
14:35	1500	6.91	16.5	142.20	0.695	-74.3	0.01	7.01
14:40	3000	6.92	16.6	65.86	0.667	-77.6	-0.05	7.58
14:45	4500	6.95	16.5	63.12	0.659	-80.7	-0.09	8,05
14:47	5100	6.95	16.6	57.90	0.666	-79.3	-0.09	8.25
14:49	5700	6.96	16.4	58.30	0.649	-64.3	-0.04	8.65

Sample Details	
Method: Low Flow	Analysis: No Sample Taken
Sample Time: -	Sample ID: No Sample Taken
Sampled By: -	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-25				Depth to Water (ft BTOC): 4.07				
Inventum Sampler: CB & MF				Depth to Product (ft BTOC): N/A				
Date: 6/20/2024				Total Depth (ft BTOC): 8.15				
Purge Details								
Time Start: 7:42				Comments/Notes: Tubing adjusted - effected turbidity				
Time Ended: 8:32				2 in. Well				
Total Purge Volume: 2.2 Gal				3 Well Volumes: 1.99 Gal				
Time	Volume (mL)	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
7:44	0	7.49	20.8	9.08	0.192	152.5	3.45	4.07
7:54	2000	7.43	21.0	3.26	0.175	170.7	3.42	5.19
8:04	2000	7.42	20.8	6.89	0.204	178.1	3.13	5.88
8:14	2000	7.49	20.2	131.60	0.244	176.9	3.55	6.75
8:24	2000	7.51	20.0	173.50	0.252	170.8	3.03	7.51
8:34	2000	7.53	20.1	345.70	0.250	167.2	2.74	7.68
8:36	2400	7.55	20.3	62.30	0.266	167.6	2.41	7.44
Sample Details								
Method: Low Flow				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 8:32				Sample ID: MW25-06202024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-001				Depth to Water (ft BTOC): 7.45				
Inventum Sampler: AO				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 22.34				
Purge Details								
Time Start: 11:15				Comments/Notes: Well is in good condition. 4" well.				
Time Ended: 11:45				3 well volumes: 29.16 gallons				
Total Purge Volume: ~ 2.38 Gallons								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
11:15	300 ml/min	7.48	17.7	66.45	772	-276.00	0.75	7.45
11:20	300 ml/min	7.43	17.9	66.75	776	-282.10	0.45	
11:25	300 ml/min	7.41	17.8	66.35	775	-291.80	0.30	
11:30	300 ml/min	7.40	17.8	66.00	775	-207.80	0.25	8.89
11:35	300 ml/min	7.38	17.9	68.32	772	-303.90	0.22	
11:40	300 ml/min	7.38	17.9	67.31	770	-310.80	0.21	9.16
11:45	300 ml/min	7.36	17.9	65.02	763	-320.90	0.19	9.30
Sample Details								
Sample Date: 11/12/2024				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 11:45				Sample ID: MW-001-11122024				
Sampled By: AO								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-002				Depth to Water (ft BTOC): 4.18				
Inventum Sampler: AO				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 7.46				
Purge Details								
Time Start: 8:40				Comments/Notes: Observation only. No Sample collected. Well in good condition. 2 " well.				
Time Ended: 9:01								
Total Purge Volume: ~ 1.11 Gallons				3 well volumes: 1.6 gallons				
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
8:40	200 ml/min	7.74	17.3	270.15	178.4	-162.8	1.20	
8:45	200 ml/min	7.73	17.3	213.09	206.1	-180.0	0.98	
8:50	200 ml/min	7.71	17.8	186.16	242.5	-188.2	0.83	
8:55	200 ml/min	7.74	17.9	91.24	280.3	-191.7	0.75	4.25
8:58	200 ml/min	7.74	17.8	97.72	294.6	-192.7	0.73	
9:01	200 ml/min	7.75	17.9	95.66	308.7	-194.1	0.69	4.25
Sample Details								
Sample Date: N/A				NO SAMPLE. OBSERVATION ONLY.				
Sample Time: N/A								
Sampled By: N/A								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-5				Depth to Water (ft BTOC): 6.85				
Inventum Sampler: AO				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 17.40				
Purge Details								
Time Start: 14:45				Comments/Notes: Well is in good condition. Water had a slight sheen and no odor. 2" well.				
Time Ended: 15:20								
Total Purge Volume: ~ 1.85 Gallons				3 well volumes: 5.2 gallons				
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
10:25	200 ml/min	7.42	17.50	198.00	572.0	-342.90	0.61	
10:30	200 ml/min	7.64	17.90	261.70	336.0	-56.70	2.78	
10:35	200 ml/min	7.68	17.90	122.19	328.9	-246.70	4.93	9.16
10:40	200 ml/min	7.65	18.10	55.61	328.5	-239.20	5.57	
10:45	200 ml/min	7.63	18.00	73.01	341.0	-231.90	5.79	12.13
10:50	200 ml/min	7.63	17.90	77.97	338.6	-220.30	5.84	
10:55	200 ml/min	7.63	17.90	80.11	333.3	-222.30	6.09	15.89
Sample Details								
Sample Date: 11/12/2024				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 11:00				Sample ID: MW-5-11122024				
Sampled By: AO								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-11				Depth to Water (ft BTOC): 7.35				
Inventum Sampler: CB				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 16.07				
Purge Details								
Time Start: 13:35				Comments/Notes: Well is very turbid, had to adjust tubing due to a clogged tubing at 13:50. Well went dry and a sample was collected.				
Time Ended: 14:25				2" well.				
Total Purge Volume: ~ 2.64 Gallons				3 well volumes: 4.3 gallons				
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
13:35	200 ml/min	8.07	16.80	300.29	12266.00	-162.2	0.68	7.35
13:40	200 ml/min	8.02	16.90	771.71	12196.00	-200.8	0.29	
13:45	200 ml/min	7.94	17.00	454.95	10076.00	-221.6	0.15	10.36
13:50	200 ml/min	7.92	16.80	718.13	7441.00	-225.6	0.06	
14:00	200 ml/min	8.19	16.80	1209.37	7061.00	-154.4	0.89	
14:05	200 ml/min	8.17	16.7	1109.33	6228	-176.6	0.28	12.28
14:10	200 ml/min	8.27	16.6	700.12	6074	-198.1	0.11	13.54
14:20	200 ml/min	8.4	16.8	1043.39	7146	-116.1	1.47	
14:25	200 ml/min	8.30	17	485.03	6540	-135.8	0.77	15.98
Sample Details								
Sample Date: 11/12/2024				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 14:30				Sample ID: MW-11-11122024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-13	Depth to Water (ft BTOC): 3.14
Inventum Sampler: CB	Depth to Product (ft BTOC): N/A
Date: 11/12/2024	Total Depth (ft BTOC): 11.51

Purge Details	
Time Start: 11:40	Comments/Notes: Turbidity fluxuation caused by tubing adjustments
Time Ended: 12:47	while purging. 4" well.
Total Purge Volume: ~ 6.8 Gallons	3 well volumes: 16.4 gallons

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
11:40	200 ml/min	7.65	17.1	2467	502.0	187.40	7.67	3.14
11:45	200 ml/min	7.58	17.2	316.34	493.4	189.60	8.09	3.49
11:50	400 ml/min	7.58	17.4	110.57	490.0	188.50	7.90	3.62
11:55	400 ml/min	7.59	17.3	64.81	486.7	187.70	7.79	3.73
12:00	400 ml/min	7.60	17.2	64.1	479.9	187.90	7.72	3.82
12:05	400 ml/min	7.60	17.1	72.13	473.0	188.70	7.54	3.93
12:10	400 ml/min	7.60	17.3	148.37	466.3	190.10	7.58	4.42
12:12	400 ml/min	7.61	17.2	207.46	458.9	190.80	7.55	4.8
12:15	400 ml/min	7.61	17.1	362.79	454.3	193.00	7.48	5.13
12:20	400 ml/min	7.62	17.3	349.49	455.6	194.50	7.72	5.5
12:25	400 ml/min	7.64	17.3	552.19	459.0	196.00	8.14	6.14
12:30	400 ml/min	7.64	17.3	770.75	455.9	197.00	8.33	6.83
12:32	400 ml/min	7.64	17.3	621.1	453.3	197.60	8.39	7.08
12:35	400 ml/min	7.64	17.3	203.64	452.3	199.10	8.52	7.63
12:40	400 ml/min	7.65	17.5	128	452.5	201.90	8.50	8.32
12:42	400 ml/min	7.65	17.3	209.19	450.6	202.50	8.50	8.63
12:45	400 ml/min	7.65	17.4	279.75	450.4	203.00	8.49	8.81
12:47	400 ml/min	7.65	17.4	427.13	450.1	203.40	8.51	8.96

Sample Details	
Sample Date: 11/12/2024	Analysis: 8260 VOCs, 8270 SVOCs
Sample Time: 12:50	Sample ID: MW-13-11122024
Sampled By: CB	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-15				Depth to Water (ft BTOC): 1.98				
Inventum Sampler: CB				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 14.93				
Purge Details								
Time Start: 9:50				Comments/Notes: Duplicate, Matrix Spike, and Matrix Spike Duplicate collected: "MW-99-11122024"				
Time Ended: 11:32								
Total Purge Volume: ~ 5.92 Gallons				Turbidity was very inconsistent due to tubing adjustments. At 10:55 purging was paused to install new tubing. 2" well. 3 well volumes: 6.34 gallons				
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
9:50	300 ml/min	8.05	17.40	153.09	617	31.30	8.81	1.99
10:00	300 ml/min	7.88	16.70	354.35	595	77.70	8.83	4.31
10:10	300 ml/min	7.82	17.00	687.63	600	100.40	8.76	5.33
10:18	300 ml/min	7.73	16.90	706.15	599	115.00	8.66	5.75
10:25	300 ml/min	7.73	16.80	687.92	582	122.00	8.72	6.23
10:35	300 ml/min	7.75	16.80	271.00	557	137.40	9.01	6.96
10:40	300 ml/min	7.76	16.90	106.50	551	143.40	9.09	7.62
10:50	200 ml/min	7.78	16.7	187.72	542	152.7	9.13	7.91
10:55	200 ml/min	7.78	16.7	278.58	543	155.7	9.11	8.08
11:15	200 ml/min	7.82	16.8	51.54	557	170.8	9.15	7.39
11:25	200 ml/min	7.75	16.9	144.46	558	171.6	9.14	8.57
1:27	200 ml/min	7.75	16.9	181.29	561	172.4	9.177	8.87
11:30	200 ml/min	7.76	16.9	197.00	560	173.1	9.17	9.01
11:32	200 ml/min	7.76	16.8	212.84	560	174	9.18	9.19
Sample Details								
Sample Date: 11/12/2024				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 11:35				Sample ID: MW-15-11122024				
Sampled By: CB								

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-17	Depth to Water (ft BTOC): 7.2
Inventum Sampler: AO	Depth to Product (ft BTOC): 12.38
Date: 11/12/2024	Total Depth (ft BTOC): 12.4

Purge Details	
Time Start: 12:00	Comments/Notes: Well in good condition. Turbidity spiking caused by
Time Ended: 12:55	tubing adjustment during purging. 2" well.
Total Purge Volume: ~ 2.38 Gallons	3 well volumes: 2.5 gallons

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
12:00	100 ml/min	7.34	17.20	48.78	1347	-320.1	1.12	
12:05	100 ml/min	7.34	16.60	22.04	1332	-329.6	0.83	
12:10	100 ml/min	7.35	16.90	11.04	1301	-341.4	0.59	
12:20	100 ml/min	7.35	17.10	7.76	1058	-302.2	1.08	8.57
12:25	100 ml/min	7.30	17.10	7.47	1058	-279.6	0.88	
12:30	200 ml/min	7.25	17.10	37.11	1228	-282.4	0.77	
12:35	200 ml/min	7.23	17.10	76.57	1354	-288.4	0.60	
12:40	200 ml/min	7.21	17.20	119.94	1501	-297.0	0.45	
12:45	200 ml/min	7.20	17.10	242.84	1743	-305.4	0.30	10.06
12:48	200 ml/min	7.21	17.2	199.75	1824	-307.5	0.27	
12:51	200 ml/min	7.21	17.2	217.46	1868	-308.2	0.26	
12:54	200 ml/min	7.22	17.2	199.30	1901	-305.9	0.26	10.39

Sample Details	
Sample Date: 11/11/2024	Analysis: 8260 VOCs, 8270 SVOCs
Sample Time: 12:55	Sample ID: MW-17-11122024
Sampled By: AO	

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-24	Depth to Water (ft BTOC): 7.7
Inventum Sampler: CB	Depth to Product (ft BTOC): N/A
Date: 11/12/2024	Total Depth (ft BTOC): 13.42
Purge Details	
Time Start: 8:45	Comments/Notes: Observation only. No Sample collected. At 9:30
Time Ended: 9:37	turbidity increase due to the tubing adjustment during purging.
	2" well.
Total Purge Volume: ~ 4.12 Gallons	3 well volumes: 2.80 gallons

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
8:45	300 mL/min	7.17	16.50	185.00	2576.00	-77.80	3.74	7.70
8:50	300 mL/min	7.16	17.60	311.04	2542.00	-130.60	0.42	9.03
8:55	300 mL/min	7.20	17.60	229.78	2247.00	-136.70	0.29	
9:00	300 mL/min	7.20	17.70	169.11	2192.00	-130.70	0.36	9.51
9:05	300 mL/min	7.19	17.60	95.32	2266.00	-126.90	0.31	9.76
9:10	300 mL/min	7.18	17.60	95.06	2353.00	-128.70	0.21	9.98
9:15	300 mL/min	7.16	17.70	57.59	2474.00	-129.60	0.15	10.28
9:30	300 mL/min	7.16	17.6	179.67	2665	-132.9	0.07	11.12
9:32	300 mL/min	7.16	17.7	181.59	2678	-133.9	0.06	11.41
9:35	300 mL/min	7.17	17.6	207.37	2704	-134.3	0.06	11.6
9:37	300 mL/min	7.17	17.7	225.55	2717	-134.8	0.06	11.73

Sample Details	
Sample Date: N/A	Analysis: No sample collected. Observation only.
Sample Time: NA	
Sampled By: N/A	

GROUNDWATER MONITORING WELL PURGE FORM	
Site: 780 Ellicott Street LLC	
Well ID: MW-25	Depth to Water (ft BTOC): 6.64
Inventum Sampler: CB	Depth to Product (ft BTOC): N/A
Date: 11/12/2024	Total Depth (ft BTOC): 8.15

Purge Details	
Time Start: 13:00	Comments/Notes: Well drying up. Sample collected. While sampling, the turbidity increased due to us needing to adjust the tubing. 2" well. 3 well volumes: 0.74 gallons
Time Ended: 13:15	
Total Purge Volume: ~ 0.53 Gallons	

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
13:00	200 mL/min	7.40	18.9	49.79	1258	218.0	4.53	6.64
13:05	200 mL/min	7.35	19.2	208.74	1302	74.7	2.81	
13:15	100 mL/min	7.37	19.1	200.14	1277	47.5	1.76	7.94

Sample Details	
Sample Date: 11/12/2024	Analysis: 8260 VOCs, 8270 SVOCs
Sample Time: 13:15	Sample ID: MW-25-11122024
Sampled By: CB	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: 780 Ellicott Street LLC								
Well ID: MW-28				Depth to Water (ft BTOC): 8.2				
Inventum Sampler: AO				Depth to Product (ft BTOC): N/A				
Date: 11/12/2024				Total Depth (ft BTOC): 13.04				
Purge Details								
Time Start: 13:10				Comments/Notes: 2" well.				
Time Ended: 13:30				3 well volumes: 2.52 gallons				
Total Purge Volume: ~1.3 gal								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
13:10	200 mL/min	7.20	16.8	19.22	1286	-168.00	2.21	8.20
13:15	200 mL/min	7.20	16.9	20.99	1287	-163.60	2.19	
13:20	200 mL/min	7.19	16.8	12.67	1298	-152.70	2.34	
13:25	200 mL/min	7.19	16.6	12.91	1305	-150.00	2.26	9.03
13:30	200 mL/min	7.20	16.6	11.90	1325	-147.30	2.28	9.18
Sample Details								
Sample Date: 11/12/2024				Analysis: 8260 VOCs, 8270 SVOCs				
Sample Time: 13:35				Sample ID: MW-28-11122024				
Sampled By: AO								

Site Inspection Form
980 Ellicott Street
Buffalo, New York

Date of Inspection: February 12th, 2025
Inspector: Corey Bryerton
Weather: snow, clear
Ground Conditions: snow and ice covered.

This Form shall be completed each year prior to the Periodic Review Report and following any emergency that could compromise the Institutional or Engineering Controls at the Site. The site is shown on Figure H-1

Overall Site Condition:

1. Site Use
   1.1. Industrial
   1.2. Commercial
   1.3. Residential

2. Security
   2.1. Fence — Fence and gate in good condition. Gate is manually closing with lock on East and South side of property.
   2.2. Gate — The fence surrounds the property.

3. Pavement
   3.1. Cracking — Minimal cracking observed on pavement.
   3.2. Drainage — Drainage drop inlets observed on North edge (SW corner of North building) and South central portion of parking lot. No current drainage, as ground is frozen.

4. Monitoring Wells
   See Table H-1

Monitoring Well ID	Accessible	Cover Condition	Well Condition (Visible Conditions)
MW-001	Not Accessible due to snow and ice.	Not Accessible due to snow and ice.	Not accessible due to snow and ice.
MW-002			
MW-5			
MW-11			
MW-13			
MW-15			
MW-17			
MW-24			
MW-25			
MW-28			
RW-1			

Table H-1 – Monitoring Well Condition

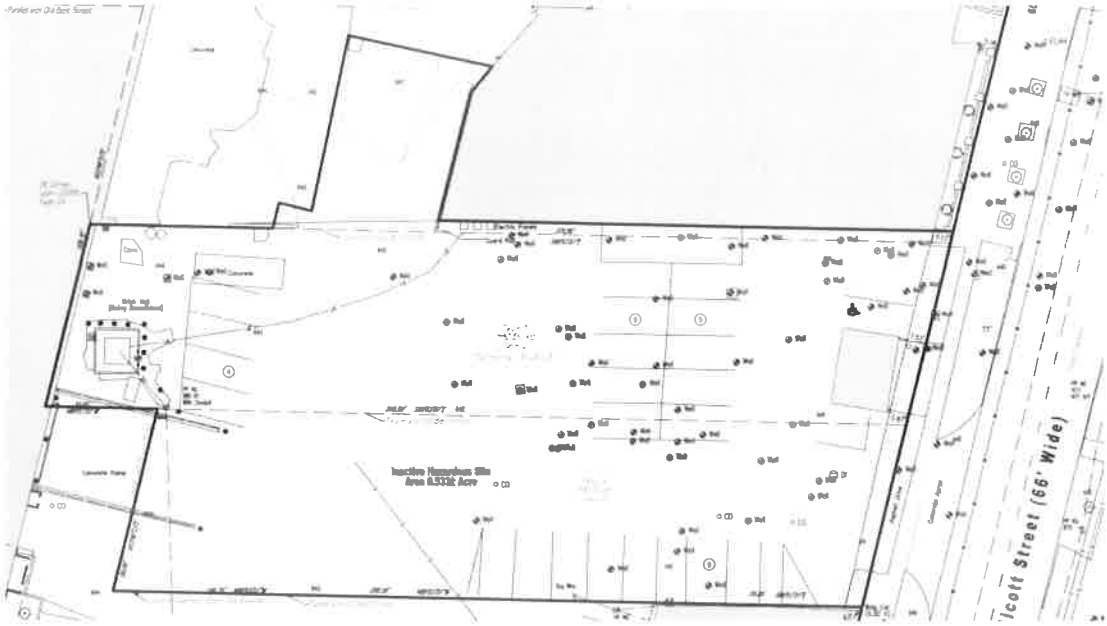

Figure H-1

Site Boundary

Photographs

Note:

1. Photographs to be inserted here.
2. Reference all Photographs to Figure H-1.
3. Photographs shall be taken of any damages or violations of the Institutional Controls.

Photograph No. 1: Parking lot drainage and surface conditions. View is west.

Photograph No. 2: Parking lot surface conditions. View is east.

Photograph No. 3: Parking lot surface conditions. View is west.

Photograph No. 4: Parking lot surface conditions. View is east.

Photograph No. 5: Parking lot surface conditions. View is northwest.

Photograph No. 6: Parking lot surface conditions. View is northeast.

Appendix B – Analytical Data

ANALYTICAL REPORT

Lab Number:	L2434986
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	980 ELLICOTT STREET
Project Number:	OSMOSE
Report Date:	06/28/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434986-01	MW001-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 11:25	06/20/24
L2434986-02	MW11-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 12:40	06/20/24
L2434986-03	MW25-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 08:32	06/20/24
L2434986-04	MW17-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 09:20	06/20/24
L2434986-05	MW5-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 13:36	06/20/24
L2434986-06	MW15-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 12:05	06/20/24
L2434986-07	MW13-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 10:34	06/20/24
L2434986-08	MW99-06202024	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 09:30	06/20/24
L2434986-09	TRIP BLANK	WATER	980 ELLICOTT STREET, BUFFALO, NY	06/20/24 00:00	06/20/24

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2434986-09: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. This sample was not analyzed.

Volatile Organics

L2434986-04D and -08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics by SIM

The WG1940056-4D/-5D MS/MSD recoveries, performed on L2434986-04, are outside the acceptance criteria for naphthalene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentration of the target compound present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

VOLATILES

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01
Client ID: MW001-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 11:25
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 14:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01
Client ID: MW001-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 11:25
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.71	J	ug/l	2.5	0.70	1
o-Xylene	2.0	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.7		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02
Client ID: MW11-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 14:57
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	1.0	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02 Date Collected: 06/20/24 12:40

Client ID: MW11-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	108		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03
Client ID: MW25-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 08:32
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 15:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03 Date Collected: 06/20/24 08:32

Client ID: MW25-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04 D
Client ID: MW17-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 09:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/27/24 10:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	3.8	J	ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	0.35	J	ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04 D
Client ID: MW17-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	10		ug/l	5.0	1.4	2
o-Xylene	16		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	1.6	J	ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	6.3		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	2.6	J	ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	106		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05
Client ID: MW5-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 13:36
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 15:47
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05 Date Collected: 06/20/24 13:36

Client ID: MW5-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06
Client ID: MW15-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 12:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 16:12
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06 Date Collected: 06/20/24 12:05

Client ID: MW15-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	108		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07
Client ID: MW13-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 10:34
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/26/24 16:38
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07 Date Collected: 06/20/24 10:34

Client ID: MW13-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08 D
Client ID: MW99-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY
Date Collected: 06/20/24 09:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:11
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	4.1	J	ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08 D Date Collected: 06/20/24 09:30

Client ID: MW99-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	0.42	2.5
p/m-Xylene	11		ug/l	6.2	1.8	2.5
o-Xylene	17		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	7.4		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	ND		ug/l	25	0.68	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	3.3	J	ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1939619-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1939619-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1939619-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,08 Batch: WG1940355-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,08 Batch: WG1940355-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:10
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,08 Batch: WG1940355-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1939619-3 WG1939619-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	94		97		63-132	3		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	82		83		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	93		94		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	80		86		62-150	7		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	97		98		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
Bromoform	70		70		54-136	0		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	92		92		64-130	0		20
Bromomethane	44		46		39-139	4		20
Vinyl chloride	100		98		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1939619-3 WG1939619-4								
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	80		89		61-145	11		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	94		93		36-147	1		20
Acetone	100		100		58-148	0		20
Carbon disulfide	86		94		51-130	9		20
2-Butanone	94		96		63-138	2		20
4-Methyl-2-pentanone	87		95		59-130	9		20
2-Hexanone	92		95		57-130	3		20
Bromochloromethane	92		91		70-130	1		20
1,2-Dibromoethane	96		95		70-130	1		20
1,2-Dibromo-3-chloropropane	70		72		41-144	3		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	80		85		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1939619-3 WG1939619-4								
1,2,4-Trichlorobenzene	84		87		70-130	4		20
Methyl Acetate	90		90		70-130	0		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	92		90		56-162	2		20
Freon-113	83		89		70-130	7		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		113		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	112		111		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 Batch: WG1940355-3 WG1940355-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	97		98		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	99		100		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	87		84		64-130	4		20
Bromomethane	**38**	Q	**36**	Q	39-139	5		20
Vinyl chloride	79		78		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET

Project Number: OSMOSE

Lab Number: L2434986

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 Batch: WG1940355-3 WG1940355-4								
Chloroethane	69		68		55-138	1		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	74		66		58-148	11		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	82		77		63-138	6		20
4-Methyl-2-pentanone	96		100		59-130	4		20
2-Hexanone	89		91		57-130	2		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	97		100		41-144	3		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	92		93		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 Batch: WG1940355-3 WG1940355-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	82		83		70-130	1		20
Cyclohexane	99		99		70-130	0		20
1,4-Dioxane	78		82		56-162	5		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	96		99		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		101		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	112		112		70-130
Dibromofluoromethane	99		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 QC Batch ID: WG1940355-6 WG1940355-7 QC Sample: L2434986-04 Client ID: MW17-06202024												
Methylene chloride	ND	20	20	100		21	105		70-130	5		20
1,1-Dichloroethane	ND	20	21	105		22	110		70-130	5		20
Chloroform	ND	20	21	105		22	110		70-130	5		20
Carbon tetrachloride	ND	20	26	130		26	130		63-132	0		20
1,2-Dichloropropane	ND	20	20	100		21	105		70-130	5		20
Dibromochloromethane	ND	20	21	105		22	110		63-130	5		20
1,1,2-Trichloroethane	ND	20	20	100		21	105		70-130	5		20
Tetrachloroethene	ND	20	24	120		25	125		70-130	4		20
Chlorobenzene	ND	20	21	105		22	110		75-130	5		20
Trichlorofluoromethane	ND	20	24	120		25	125		62-150	4		20
1,2-Dichloroethane	ND	20	21	105		21	105		70-130	0		20
1,1,1-Trichloroethane	ND	20	25	125		26	130		67-130	4		20
Bromodichloromethane	ND	20	21	105		22	110		67-130	5		20
trans-1,3-Dichloropropene	ND	20	21	105		22	110		70-130	5		20
cis-1,3-Dichloropropene	ND	20	20	100		22	110		70-130	10		20
Bromoform	ND	20	20	100		21	105		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	20	23	115		24	120		67-130	4		20
Benzene	ND	20	21	105		22	110		70-130	5		20
Toluene	ND	20	22	110		24	120		70-130	9		20
Ethylbenzene	3.8J	20	26	130		28	**140**	Q	70-130	7		20
Chloromethane	ND	20	16	80		17	85		64-130	6		20
Bromomethane	ND	20	5.2	**26**	Q	6.4	**32**	Q	39-139	**21**	Q	20
Vinyl chloride	ND	20	16	80		17	85		55-140	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 QC Batch ID: WG1940355-6 WG1940355-7 QC Sample: L2434986-04 Client ID: MW17-06202024												
Chloroethane	ND	20	12	60		13	65		55-138	8		20
1,1-Dichloroethene	ND	20	23	115		24	120		61-145	4		20
trans-1,2-Dichloroethene	ND	20	22	110		23	115		70-130	4		20
Trichloroethene	0.35J	20	20	100		21	105		70-130	5		20
1,2-Dichlorobenzene	ND	20	21	105		23	115		70-130	9		20
1,3-Dichlorobenzene	ND	20	21	105		23	115		70-130	9		20
1,4-Dichlorobenzene	ND	20	21	105		22	110		70-130	5		20
Methyl tert butyl ether	ND	20	20	100		22	110		63-130	10		20
p/m-Xylene	10	40	52	105		54	110		70-130	4		20
o-Xylene	16	40	56	100		60	110		70-130	7		20
cis-1,2-Dichloroethene	ND	20	21	105		22	110		70-130	5		20
Styrene	1.6J	40	40	100		43	108		70-130	7		20
Dichlorodifluoromethane	ND	20	24	120		25	125		36-147	4		20
Acetone	ND	20	15	75		15	75		58-148	0		20
Carbon disulfide	ND	20	22	110		23	115		51-130	4		20
2-Butanone	ND	20	17	85		18	90		63-138	6		20
4-Methyl-2-pentanone	ND	20	20	100		21	105		59-130	5		20
2-Hexanone	ND	20	17	85		19	95		57-130	11		20
Bromochloromethane	ND	20	20	100		21	105		70-130	5		20
1,2-Dibromoethane	ND	20	20	100		22	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	20	22	110		21	105		41-144	5		20
Isopropylbenzene	6.3	20	29	114		31	124		70-130	7		20
1,2,3-Trichlorobenzene	ND	20	22	110		24	120		70-130	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08 QC Batch ID: WG1940355-6 WG1940355-7 QC Sample: L2434986-04 Client ID: MW17-06202024												
1,2,4-Trichlorobenzene	ND	20	23	115		25	125		70-130	8		20
Methyl Acetate	ND	20	16	80		16	80		70-130	0		20
Cyclohexane	ND	20	21	105		22	110		70-130	5		20
1,4-Dioxane	ND	1000	810	81		860	86		56-162	6		20
Freon-113	ND	20	22	110		24	120		70-130	9		20
Methyl cyclohexane	2.6J	20	22	110		23	115		70-130	4		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		101		70-130
4-Bromofluorobenzene	117		116		70-130
Dibromofluoromethane	99		99		70-130
Toluene-d8	103		104		70-130

SEMIVOLATILES

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01
Client ID: MW001-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 11:25
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/27/24 16:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01 Date Collected: 06/20/24 11:25

Client ID: MW001-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.75	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	56		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01
Client ID: MW001-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 11:25
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 17:40
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.72		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.26		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.40		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.11		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.08	J	ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.33		ug/l	0.10	0.02	1
Fluorene	0.12		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.30		ug/l	0.10	0.02	1
Pyrene	0.24		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-01 Date Collected: 06/20/24 11:25

Client ID: MW001-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	55		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02
Client ID: MW11-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/27/24 17:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02 Date Collected: 06/20/24 12:40

Client ID: MW11-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	54		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02
Client ID: MW11-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 17:56
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.48		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.1		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.53		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.20		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.21		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.44		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.14		ug/l	0.10	0.03	1
Chrysene	0.33		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.14		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.26		ug/l	0.10	0.02	1
Fluorene	0.37		ug/l	0.10	0.03	1
Phenanthrene	1.1		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.24		ug/l	0.10	0.02	1
Pyrene	0.74		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.13		ug/l	0.10	0.03	1
Pentachlorophenol	0.17	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-02 Date Collected: 06/20/24 12:40

Client ID: MW11-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	54		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03
Client ID: MW25-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 08:32
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/27/24 17:39
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03 Date Collected: 06/20/24 08:32

Client ID: MW25-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.77	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	47		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03
Client ID: MW25-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 08:32
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 18:12
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.60		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.29		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.27		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.69		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.57		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.09	J	ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.23		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	2.2		ug/l	0.10	0.02	1
Fluorene	0.07	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.19		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	1.8		ug/l	0.10	0.02	1
Pyrene	0.26		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-03 Date Collected: 06/20/24 08:32

Client ID: MW25-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	52		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04
Client ID: MW17-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/27/24 18:04
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	10.		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	48.		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04 Date Collected: 06/20/24 09:20

Client ID: MW17-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	5.6		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	59		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04 D
Client ID: MW17-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 13:45
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	130		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	5.8		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	200		ug/l	0.50	0.12	5
Benzo(a)anthracene	ND		ug/l	0.50	0.15	5
Benzo(a)pyrene	ND		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	ND		ug/l	0.50	0.16	5
Acenaphthylene	2.2		ug/l	0.50	0.10	5
Anthracene	2.9		ug/l	0.50	0.12	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.12	5
Fluorene	55		ug/l	0.50	0.13	5
Phenanthrene	36		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.11	5
Pyrene	3.0		ug/l	0.50	0.21	5
2-Methylnaphthalene	17		ug/l	0.50	0.14	5
Pentachlorophenol	2.4	J	ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-04 D
Client ID: MW17-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	71		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05
Client ID: MW5-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 13:36
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:09
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.54	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	2.0		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05 Date Collected: 06/20/24 13:36

Client ID: MW5-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	50		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05
Client ID: MW5-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 13:36
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 18:28
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4.8		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.82		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	2.7		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.24		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.42		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.62		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.16		ug/l	0.10	0.03	1
Chrysene	0.28		ug/l	0.10	0.03	1
Acenaphthylene	0.34		ug/l	0.10	0.02	1
Anthracene	0.21		ug/l	0.10	0.02	1
Benzo(ghi)perylene	1.1		ug/l	0.10	0.02	1
Fluorene	1.5		ug/l	0.10	0.03	1
Phenanthrene	0.65		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.10	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.74		ug/l	0.10	0.02	1
Pyrene	0.62		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.77		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-05 Date Collected: 06/20/24 13:36

Client ID: MW5-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	58		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06
Client ID: MW15-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 12:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/28/24 03:21
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06 Date Collected: 06/20/24 12:05

Client ID: MW15-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	63		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06
Client ID: MW15-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 12:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 18:45
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.24		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.30		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.19		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.10		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.18		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.08	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.23		ug/l	0.10	0.02	1
Fluorene	0.17		ug/l	0.10	0.03	1
Phenanthrene	0.36		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.16		ug/l	0.10	0.02	1
Pyrene	0.21		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-06 Date Collected: 06/20/24 12:05

Client ID: MW15-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	69		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07
Client ID: MW13-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 10:34
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:34
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07 Date Collected: 06/20/24 10:34

Client ID: MW13-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	56		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07
Client ID: MW13-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 10:34
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 19:01
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.12		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.10		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-07 Date Collected: 06/20/24 10:34

Client ID: MW13-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	63		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08
Client ID: MW99-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:11
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	8.1		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	44.		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08 Date Collected: 06/20/24 09:30

Client ID: MW99-06202024 Date Received: 06/20/24

Sample Location: 980 ELLICOTT STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	4.7		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	57		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08 D
Client ID: MW99-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 14:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	140		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	7.6		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	190		ug/l	0.50	0.12	5
Benzo(a)anthracene	0.22	J	ug/l	0.50	0.15	5
Benzo(a)pyrene	ND		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	ND		ug/l	0.50	0.16	5
Acenaphthylene	2.4		ug/l	0.50	0.10	5
Anthracene	3.3		ug/l	0.50	0.12	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.12	5
Fluorene	60		ug/l	0.50	0.13	5
Phenanthrene	41		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.11	5
Pyrene	3.9		ug/l	0.50	0.21	5
2-Methylnaphthalene	12		ug/l	0.50	0.14	5
Pentachlorophenol	2.4	J	ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: 980 ELLICOTT STREET **Lab Number:** L2434986

Project Number: OSMOSE **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2434986-08 D
Client ID: MW99-06202024
Sample Location: 980 ELLICOTT STREET, BUFFALO, NY

Date Collected: 06/20/24 09:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	80		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 12:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940055-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 12:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940055-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	60		41-149

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 11:28
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08 Batch: WG1940056-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.04	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.08	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/24 11:28
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08 Batch: WG1940056-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	60		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940055-2 WG1940055-3								
Bis(2-chloroethyl)ether	69		64		40-140	8		30
3,3'-Dichlorobenzidine	73		68		40-140	7		30
2,4-Dinitrotoluene	79		74		48-143	7		30
2,6-Dinitrotoluene	74		70		40-140	6		30
4-Chlorophenyl phenyl ether	67		61		40-140	9		30
4-Bromophenyl phenyl ether	67		65		40-140	3		30
Bis(2-chloroisopropyl)ether	71		67		40-140	6		30
Bis(2-chloroethoxy)methane	71		65		40-140	9		30
Hexachlorocyclopentadiene	51		45		40-140	13		30
Isophorone	66		61		40-140	8		30
Nitrobenzene	70		66		40-140	6		30
NDPA/DPA	71		63		40-140	12		30
n-Nitrosodi-n-propylamine	69		65		29-132	6		30
Bis(2-ethylhexyl)phthalate	64		60		40-140	6		30
Butyl benzyl phthalate	76		69		40-140	10		30
Di-n-butylphthalate	64		59		40-140	8		30
Di-n-octylphthalate	70		65		40-140	7		30
Diethyl phthalate	72		66		40-140	9		30
Dimethyl phthalate	74		67		40-140	10		30
Biphenyl	64		60		40-140	6		30
4-Chloroaniline	59		56		40-140	5		30
2-Nitroaniline	73		69		52-143	6		30
3-Nitroaniline	75		66		25-145	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940055-2 WG1940055-3								
4-Nitroaniline	71		64		51-143	10		30
Dibenzofuran	65		60		40-140	8		30
1,2,4,5-Tetrachlorobenzene	60		55		2-134	9		30
Acetophenone	69		64		39-129	8		30
2,4,6-Trichlorophenol	72		63		30-130	13		30
p-Chloro-m-cresol	69		61		23-97	12		30
2-Chlorophenol	66		60		27-123	10		30
2,4-Dichlorophenol	71		65		30-130	9		30
2,4-Dimethylphenol	66		60		30-130	10		30
2-Nitrophenol	74		68		30-130	8		30
4-Nitrophenol	52		46		10-80	12		30
2,4-Dinitrophenol	91		79		20-130	14		30
4,6-Dinitro-o-cresol	84		77		20-164	9		30
Phenol	36		33		12-110	9		30
2-Methylphenol	62		56		30-130	10		30
3-Methylphenol/4-Methylphenol	64		57		30-130	12		30
2,4,5-Trichlorophenol	71		66		30-130	7		30
Carbazole	69		63		55-144	9		30
Atrazine	76		67		40-140	13		30
Benzaldehyde	64		59		40-140	8		30
Caprolactam	24		22		10-130	9		30
2,3,4,6-Tetrachlorophenol	77		68		40-140	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940055-2 WG1940055-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		44		21-120
Phenol-d6	36		32		10-120
Nitrobenzene-d5	75		68		23-120
2-Fluorobiphenyl	67		62		15-120
2,4,6-Tribromophenol	81		73		10-120
4-Terphenyl-d14	69		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1940056-2 WG1940056-3								
Acenaphthene	68		62		40-140	9		40
2-Chloronaphthalene	60		54		40-140	11		40
Fluoranthene	70		64		40-140	9		40
Hexachlorobutadiene	48		43		40-140	11		40
Naphthalene	61		55		40-140	10		40
Benzo(a)anthracene	67		62		40-140	8		40
Benzo(a)pyrene	77		70		40-140	10		40
Benzo(b)fluoranthene	72		67		40-140	7		40
Benzo(k)fluoranthene	72		64		40-140	12		40
Chrysene	72		65		40-140	10		40
Acenaphthylene	67		60		40-140	11		40
Anthracene	70		64		40-140	9		40
Benzo(ghi)perylene	74		68		40-140	8		40
Fluorene	67		62		40-140	8		40
Phenanthrene	65		59		40-140	10		40
Dibenzo(a,h)anthracene	78		72		40-140	8		40
Indeno(1,2,3-cd)pyrene	83		74		40-140	11		40
Pyrene	69		64		40-140	8		40
2-Methylnaphthalene	66		60		40-140	10		40
Pentachlorophenol	68		60		40-140	13		40
Hexachlorobenzene	58		53		40-140	9		40
Hexachloroethane	56		52		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1940056-2 WG1940056-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		47		21-120
Phenol-d6	40		36		10-120
Nitrobenzene-d5	85		77		23-120
2-Fluorobiphenyl	61		55		15-120
2,4,6-Tribromophenol	79		72		10-120
4-Terphenyl-d14	65		60		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940055-4 WG1940055-5 QC Sample: L2434986-04 Client ID: MW17-06202024												
Bis(2-chloroethyl)ether	ND	20	11	55		12	60		40-140	9		30
3,3'-Dichlorobenzidine	ND	20	10	50		12	60		40-140	18		30
2,4-Dinitrotoluene	ND	20	11	55		11	55		48-143	0		30
2,6-Dinitrotoluene	ND	20	11	55		11	55		40-140	0		30
4-Chlorophenyl phenyl ether	ND	20	11	55		10	50		40-140	10		30
4-Bromophenyl phenyl ether	ND	20	11	55		10	50		40-140	10		30
Bis(2-chloroisopropyl)ether	ND	20	11	55		11	55		40-140	0		30
Bis(2-chloroethoxy)methane	ND	20	12	60		12	60		40-140	0		30
Hexachlorocyclopentadiene	ND	20	7.9J	40		8.2J	41		40-140	4		30
Isophorone	ND	20	12	60		11	55		40-140	9		30
Nitrobenzene	ND	20	14	70		14	70		40-140	0		30
NDPA/DPA	ND	20	12	60		12	60		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	11	55		12	60		29-132	9		30
Bis(2-ethylhexyl)phthalate	ND	20	11	55		10	50		40-140	10		30
Butyl benzyl phthalate	ND	20	10	50		10	50		40-140	0		30
Di-n-butylphthalate	ND	20	11	55		10	50		40-140	10		30
Di-n-octylphthalate	ND	20	11	55		11	55		40-140	0		30
Diethyl phthalate	ND	20	11	55		11	55		40-140	0		30
Dimethyl phthalate	ND	20	11	55		11	55		40-140	0		30
Biphenyl	10	20	17	**35**	Q	18	40		40-140	6		30
4-Chloroaniline	ND	20	7.2	**36**	Q	8.6	43		40-140	18		30
2-Nitroaniline	ND	20	11	55		12	60		52-143	9		30
3-Nitroaniline	ND	20	12	60		12	60		25-145	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940055-4 WG1940055-5 QC Sample: L2434986-04 Client ID: MW17-06202024												
4-Nitroaniline	ND	20	11	55		12	60		51-143	9		30
Dibenzofuran	48	20	52	**20**	Q	55	**35**	Q	40-140	6		30
1,2,4,5-Tetrachlorobenzene	ND	20	9.2J	46		9.5J	48		2-134	3		30
Acetophenone	ND	20	16	80		17	85		39-129	6		30
2,4,6-Trichlorophenol	ND	20	12	60		11	55		30-130	9		30
p-Chloro-m-cresol	ND	20	12	60		11	55		23-97	9		30
2-Chlorophenol	ND	20	11	55		11	55		27-123	0		30
2,4-Dichlorophenol	ND	20	12	60		12	60		30-130	0		30
2,4-Dimethylphenol	ND	20	10	50		12	60		30-130	18		30
2-Nitrophenol	ND	20	12	60		12	60		30-130	0		30
4-Nitrophenol	ND	20	7.2J	36		7.2J	36		10-80	0		30
2,4-Dinitrophenol	ND	20	11.J	55		8.2J	41		20-130	29		30
4,6-Dinitro-o-cresol	ND	20	12	60		9.8J	49		20-164	20		30
Phenol	ND	20	6.9	35		7.2	36		12-110	4		30
2-Methylphenol	ND	20	9.8	49		11	55		30-130	12		30
3-Methylphenol/4-Methylphenol	ND	20	10	50		11	55		30-130	10		30
2,4,5-Trichlorophenol	ND	20	12	60		11	55		30-130	9		30
Carbazole	5.6	20	16	**52**	Q	16	**52**	Q	55-144	0		30
Atrazine	ND	20	11	55		10	50		40-140	10		30
Benzaldehyde	ND	20	34	**170**	Q	36	**180**	Q	40-140	6		30
Caprolactam	ND	20	5.2J	26		5.8J	29		10-130	11		30
2,3,4,6-Tetrachlorophenol	ND	20	13	65		10	50		40-140	26		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET

Project Number: OSMOSE

Lab Number: L2434986

Report Date: 06/28/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940055-4 WG1940055-5 QC Sample: L2434986-04 Client ID: MW17-06202024

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	58		55		10-120
2-Fluorobiphenyl	55		56		15-120
2-Fluorophenol	41		42		21-120
4-Terphenyl-d14	52		52		41-149
Nitrobenzene-d5	58		60		23-120
Phenol-d6	27		28		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE
Lab Number: L2434986
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940056-4 WG1940056-5 QC Sample: L2434986-04 Client ID: MW17-06202024												
Acenaphthene	130	20	140	50		160	**150**	Q	40-140	13		40
2-Chloronaphthalene	ND	20	13	65		13	65		40-140	0		40
Fluoranthene	5.8	20	22	81		22	81		40-140	0		40
Hexachlorobutadiene	ND	20	9.2	46		9.6	48		40-140	4		40
Naphthalene	200	20	190	**0**	Q	200	**0**	Q	40-140	5		40
Benzo(a)anthracene	ND	20	13	65		13	65		40-140	0		40
Benzo(a)pyrene	ND	20	15	75		14	70		40-140	7		40
Benzo(b)fluoranthene	ND	20	14	70		13	65		40-140	7		40
Benzo(k)fluoranthene	ND	20	13	65		14	70		40-140	7		40
Chrysene	ND	20	13	65		13	65		40-140	0		40
Acenaphthylene	2.2	20	17	74		17	74		40-140	0		40
Anthracene	2.9	20	17	71		17	71		40-140	0		40
Benzo(ghi)perylene	ND	20	15	75		15	75		40-140	0		40
Fluorene	55	20	69	70		73	90		40-140	6		40
Phenanthrene	36	20	47	55		51	75		40-140	8		40
Dibenzo(a,h)anthracene	ND	20	16	80		16	80		40-140	0		40
Indeno(1,2,3-cd)pyrene	ND	20	16	80		15	75		40-140	6		40
Pyrene	3.0	20	19	80		19	80		40-140	0		40
2-Methylnaphthalene	17	20	23	**30**	Q	24	**35**	Q	40-140	4		40
Pentachlorophenol	2.4J	20	15	75		13	65		40-140	14		40
Hexachlorobenzene	ND	20	11	55		11	55		40-140	0		40
Hexachloroethane	ND	20	9.1	46		7.6	**38**	Q	40-140	18		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 980 ELLICOTT STREET

Project Number: OSMOSE

Lab Number: L2434986

Report Date: 06/28/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940056-4 WG1940056-5 QC Sample: L2434986-04 Client ID: MW17-06202024

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	60		55		10-120
2-Fluorobiphenyl	68		68		15-120
2-Fluorophenol	50		49		21-120
4-Terphenyl-d14	78		77		41-149
Nitrobenzene-d5	77		76		23-120
Phenol-d6	36		36		10-120

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434986-01A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-01B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-01C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-01D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-01E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-02A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-02B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-02C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-02D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-02E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-03A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-03B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-03C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-03D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-03E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04A1	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04A2	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04B1	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04B2	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434986-04C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04C1	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04C2	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-04D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04D1	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04D2	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04E1	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-04E2	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-05A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-05B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-05C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-05D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-05E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-06A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-06B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-06C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-06D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-06E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-07A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-07B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-07C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-07D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-07E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 980 ELLICOTT STREET
Project Number: OSMOSE

Lab Number: L2434986
Report Date: 06/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434986-08A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-08B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-08C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2434986-08D	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-08E	Amber 100ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434986-09A	Vial HCl preserved	A	NA		2.2	Y	Absent		ARCHIVE()
L2434986-09B	Vial HCl preserved	A	NA		2.2	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	980 ELLICOTT STREET	**Lab Number:**	L2434986
Project Number:	OSMOSE	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

002 24

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/21/24

ALPHA Job #: L2434986

Client Information
Client: Inventum Engineering
Address: 441 Carlisle Drive Suite C Herndon, VA 20170
Phone: 716-720-3256
Fax: corey.bryeton@inventumeng.com
Email: todd.waldrop@inventumeng.com

Project Information
Project Name: 980 Ellicott Street
Project Location: 980 Ellicott Street Buffalo, NY
Project # 05mose
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop.
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL VOCs 8260D	ANALYSIS: ABN 8270E Extractables	Sample Specific Comments	Total Bottle
34986-01	MW001-06202024	6/20/24	11:25	GW	CB	X	X	MS/MSD collected @ MW17-06202024	5
02	MW11-06202024	6/20/24	12:40	GW	CB	X	X		5
03	MW25-06202024	6/20/24	08:32	GW	CB	X	X		5
04	MW17-06202024 (MS/MSD)	6/20/24	9:20	GW	CB	X	X		15
05	MW5-06202024	6/20/24	13:36	GW	CB	X	X		5
06	MW15-06202024	6/20/24	12:05	GW	CB	X	X		5
07	MW13-06202024	6/20/24	10:34	GW	CB	X	X		5
08	MW99-06202024	6/20/24	9:30	GW	CB	X	X		5

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	6/20/24 1527	(Pace)	6/20/24 1527
(Pace)	6/21/24 1527		6/21/24 0150

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2466181
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	780 ELLICOTT STREET
Project Number:	SEMI-ANNUAL GW SAMPL
Report Date:	11/19/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466181-01	MW-001-11122024	WATER	Not Specified	11/12/24 11:45	11/12/24
L2466181-02	MW-5-11122024	WATER	Not Specified	11/12/24 11:00	11/12/24
L2466181-03	MW-13-11122024	WATER	Not Specified	11/12/24 12:47	11/12/24
L2466181-04	MW-15-11122024	WATER	Not Specified	11/12/24 11:32	11/12/24
L2466181-05	MW-99-11122024	WATER	Not Specified	11/12/24 11:35	11/12/24
L2466181-06	MW-17-11122024	WATER	Not Specified	11/12/24 12:55	11/12/24
L2466181-07	MW-25-11122024	WATER	Not Specified	11/12/24 13:15	11/12/24
L2466181-08	MW-28-11122024	WATER	Not Specified	11/12/24 13:35	11/12/24
L2466181-09	MW-11-11122024	WATER	Not Specified	11/12/24 14:30	11/12/24
L2466181-10	TRIP BLANK	WATER	Not Specified	11/12/24 00:00	11/12/24

Project Name:	780 ELLICOTT STREET	**Lab Number:**	L2466181
Project Number:	SEMI-ANNUAL GW SAMPL	**Report Date:**	11/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	780 ELLICOTT STREET	**Lab Number:**	L2466181
Project Number:	SEMI-ANNUAL GW SAMPL	**Report Date:**	11/19/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2466181-10: The analysis of Semivolatile Organics was requested on the Chain of Custody; however, sample containers were not received. This was verified by the client.

Volatile Organics

L2466181-09: The pH was greater than two; however, the sample was analyzed within the method required holding time.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 11/19/24

ORGANICS

VOLATILES

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01
Client ID: MW-001-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 11:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:20
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01 Date Collected: 11/12/24 11:45

Client ID: MW-001-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.3		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	7.4		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	106		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02
Client ID: MW-5-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 11:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 17:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	0.71	J	ug/l	2.5	0.70	1
Ethylbenzene	1.0	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02
Client ID: MW-5-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 11:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	1.9	J	ug/l	2.5	0.70	1
o-Xylene	2.2	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	76		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	3.7		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	14		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	107		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03
Client ID: MW-13-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:47
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:42
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03 Date Collected: 11/12/24 12:47

Client ID: MW-13-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	105		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04
Client ID: MW-15-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 11:32
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 15:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04 Date Collected: 11/12/24 11:32

Client ID: MW-15-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	106		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05
Client ID: MW-99-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 15:26
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05 Date Collected: 11/12/24 11:35

Client ID: MW-99-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	105		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06 D
Client ID: MW-17-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:55
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 17:40
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	3.6	J	ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06 D
Client ID: MW-17-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:55
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	0.66	4
p/m-Xylene	10		ug/l	10	2.8	4
o-Xylene	17		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	5.1	J	ug/l	10	2.8	4
p-Isopropyltoluene	3.9	J	ug/l	10	2.8	4
Naphthalene	460		ug/l	10	2.8	4
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	28		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	390		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	104		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07
Client ID: MW-25-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 13:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 15:49
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07 Date Collected: 11/12/24 13:15

Client ID: MW-25-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	108		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08
Client ID: MW-28-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 13:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 16:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08
Client ID: MW-28-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 13:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	107		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09
Client ID: MW-11-11122024
Sample Location: Not Specified
Date Collected: 11/12/24 14:30
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 16:33
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.27	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09 Date Collected: 11/12/24 14:30

Client ID: MW-11-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-10
Client ID: TRIP BLANK
Sample Location: Not Specified
Date Collected: 11/12/24 00:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 16:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-10 Date Collected: 11/12/24 00:00

Client ID: TRIP BLANK Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	106		70-130

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAMPL **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1998885-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAMPL **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1998885-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1998885-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1998885-3 WG1998885-4								
Methylene chloride	93		91		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		94		63-130	2		20
1,1,2-Trichloroethane	90		90		70-130	0		20
Tetrachloroethene	99		97		70-130	2		20
Chlorobenzene	93		91		75-130	2		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		96		67-130	2		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	83		81		70-130	2		20
cis-1,3-Dichloropropene	89		88		70-130	1		20
Bromoform	88		88		54-136	0		20
1,1,2,2-Tetrachloroethane	85		85		67-130	0		20
Benzene	99		98		70-130	1		20
Toluene	92		90		70-130	2		20
Ethylbenzene	92		90		70-130	2		20
Chloromethane	95		91		64-130	4		20
Bromomethane	39		**37**	Q	39-139	5		20
Vinyl chloride	100		98		55-140	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1998885-3 WG1998885-4								
Chloroethane	91		89		55-138	2		20
1,1-Dichloroethene	88		86		61-145	2		20
trans-1,2-Dichloroethene	92		92		70-130	0		20
Trichloroethene	96		94		70-130	2		20
1,2-Dichlorobenzene	96		94		70-130	2		20
1,3-Dichlorobenzene	97		95		70-130	2		20
1,4-Dichlorobenzene	97		95		70-130	2		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	95		94		70-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	80		78		36-147	3		20
Acetone	**51**	Q	**51**	Q	58-148	0		20
Carbon disulfide	89		88		51-130	1		20
2-Butanone	66		68		63-138	3		20
4-Methyl-2-pentanone	85		85		59-130	0		20
2-Hexanone	61		61		57-130	0		20
1,2-Dibromoethane	86		85		70-130	1		20
n-Butylbenzene	90		90		53-136	0		20
sec-Butylbenzene	89		88		70-130	1		20
tert-Butylbenzene	88		87		70-130	1		20
1,2-Dibromo-3-chloropropane	80		80		41-144	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1998885-3 WG1998885-4								
Isopropylbenzene	87		87		70-130	0		20
p-Isopropyltoluene	88		88		70-130	0		20
Naphthalene	75		76		70-130	1		20
n-Propylbenzene	87		87		69-130	0		20
1,2,4-Trichlorobenzene	90		90		70-130	0		20
1,3,5-Trimethylbenzene	90		90		64-130	0		20
1,2,4-Trimethylbenzene	91		90		70-130	1		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	100		100		70-130	0		20
Freon-113	90		90		70-130	0		20
Methyl cyclohexane	82		81		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		112		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	85		88		70-130
Dibromofluoromethane	104		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1998885-6 WG1998885-7 QC Sample: L2466181-04 Client ID: MW-15-11122024												
Methylene chloride	ND	10	9.9	99		10	100		70-130	1		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	11	110		11	110		70-130	0		20
Carbon tetrachloride	ND	10	12	120		12	120		63-132	0		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	10	100		11	110		63-130	10		20
1,1,2-Trichloroethane	ND	10	9.2	92		10	100		70-130	8		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	9.6	96		10	100		75-130	4		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
1,1,1-Trichloroethane	ND	10	11	110		12	120		67-130	9		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	8.4	84		9.2	92		70-130	9		20
cis-1,3-Dichloropropene	ND	10	9.0	90		9.4	94		70-130	4		20
Bromoform	ND	10	9.0	90		10	100		54-136	11		20
1,1,2,2-Tetrachloroethane	ND	10	8.7	87		9.6	96		67-130	10		20
Benzene	ND	10	11	110		11	110		70-130	0		20
Toluene	ND	10	9.4	94		10	100		70-130	6		20
Ethylbenzene	ND	10	9.3	93		9.9	99		70-130	6		20
Chloromethane	ND	10	9.8	98		10	100		64-130	2		20
Bromomethane	ND	10	2.7	**27**	Q	3.5	**35**	Q	39-139	**26**	Q	20
Vinyl chloride	ND	10	11	110		12	120		55-140	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1998885-6 WG1998885-7 QC Sample: L2466181-04 Client ID: MW-15-11122024												
Chloroethane	ND	10	10	100		11	110		55-138	10		20
1,1-Dichloroethene	ND	10	10	100		10	100		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Trichloroethene	ND	10	10	100		10	100		70-130	0		20
1,2-Dichlorobenzene	ND	10	9.5	95		10	100		70-130	5		20
1,3-Dichlorobenzene	ND	10	9.5	95		10	100		70-130	5		20
1,4-Dichlorobenzene	ND	10	9.2	92		10	100		70-130	8		20
Methyl tert butyl ether	ND	10	9.8	98		10	100		63-130	2		20
p/m-Xylene	ND	20	19	95		20	100		70-130	5		20
o-Xylene	ND	20	19	95		20	100		70-130	5		20
cis-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Styrene	ND	20	19	95		20	100		70-130	5		20
Dichlorodifluoromethane	ND	10	9.2	92		9.3	93		36-147	1		20
Acetone	ND	10	6.1	61		6.5	65		58-148	6		20
Carbon disulfide	ND	10	10	100		10	100		51-130	0		20
2-Butanone	ND	10	7.4	74		7.7	77		63-138	4		20
4-Methyl-2-pentanone	ND	10	9.0	90		9.9	99		59-130	10		20
2-Hexanone	ND	10	6.7	67		7.4	74		57-130	10		20
1,2-Dibromoethane	ND	10	9.0	90		9.8	98		70-130	9		20
n-Butylbenzene	ND	10	8.6	86		9.2	92		53-136	7		20
sec-Butylbenzene	ND	10	8.7	87		9.2	92		70-130	6		20
tert-Butylbenzene	ND	10	8.8	88		9.5	95		70-130	8		20
1,2-Dibromo-3-chloropropane	ND	10	8.2	82		8.9	89		41-144	8		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1998885-6 WG1998885-7 QC Sample: L2466181-04 Client ID: MW-15-11122024												
Isopropylbenzene	ND	10	8.7	87		9.4	94		70-130	8		20
p-Isopropyltoluene	ND	10	8.6	86		9.1	91		70-130	6		20
Naphthalene	ND	10	7.9	79		9.0	90		70-130	13		20
n-Propylbenzene	ND	10	8.5	85		9.1	91		69-130	7		20
1,2,4-Trichlorobenzene	ND	10	9.0	90		9.7	97		70-130	7		20
1,3,5-Trimethylbenzene	ND	10	8.9	89		9.6	96		64-130	8		20
1,2,4-Trimethylbenzene	ND	10	8.9	89		9.7	97		70-130	9		20
Methyl Acetate	ND	10	10	100		10	100		70-130	0		20
Cyclohexane	ND	10	11	110		11	110		70-130	0		20
Freon-113	ND	10	10	100		10	100		70-130	0		20
Methyl cyclohexane	ND	10	8.4J	84		8.5J	85		70-130	1		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		116		70-130
4-Bromofluorobenzene	84		84		70-130
Dibromofluoromethane	104		104		70-130
Toluene-d8	94		97		70-130

SEMIVOLATILES

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01
Client ID: MW-001-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 15:22
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01 Date Collected: 11/12/24 11:45

Client ID: MW-001-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	71		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01
Client ID: MW-001-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 18:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	21		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	5.6		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.6		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.60		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.49		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.69		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.18		ug/l	0.10	0.03	1
Chrysene	0.52		ug/l	0.10	0.03	1
Acenaphthylene	0.54		ug/l	0.10	0.02	1
Anthracene	1.3		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.30		ug/l	0.10	0.02	1
Fluorene	9.9		ug/l	0.10	0.03	1
Phenanthrene	10		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.30		ug/l	0.10	0.02	1
Pyrene	3.3		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-01 Date Collected: 11/12/24 11:45

Client ID: MW-001-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	87		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02
Client ID: MW-5-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 15:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	54.		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	140		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02 Date Collected: 11/12/24 11:00

Client ID: MW-5-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.77	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	2.8		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	78		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02
Client ID: MW-5-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 18:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	270	E	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	98	E	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	75	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	16		ug/l	0.10	0.03	1
Benzo(a)pyrene	6.2		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	8.7		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	3.5		ug/l	0.10	0.03	1
Chrysene	14		ug/l	0.10	0.03	1
Acenaphthylene	7.7		ug/l	0.10	0.02	1
Anthracene	32		ug/l	0.10	0.02	1
Benzo(ghi)perylene	2.5		ug/l	0.10	0.02	1
Fluorene	160	E	ug/l	0.10	0.03	1
Phenanthrene	230	E	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.48		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	2.3		ug/l	0.10	0.02	1
Pyrene	65	E	ug/l	0.10	0.04	1
2-Methylnaphthalene	13		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02 Date Collected: 11/12/24 11:00

Client ID: MW-5-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	99		41-149

Project Name: 780 ELLICOTT STREET
Lab Number: L2466181
Project Number: SEMI-ANNUAL GW SAM
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-02 D
Client ID: MW-5-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:00
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/18/24 13:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	280		ug/l	1.0	0.24	10
Fluoranthene	110		ug/l	1.0	0.27	10
Naphthalene	75		ug/l	1.0	0.24	10
Fluorene	160		ug/l	1.0	0.26	10
Phenanthrene	260		ug/l	1.0	0.39	10
Pyrene	72		ug/l	1.0	0.42	10

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03
Client ID: MW-13-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:47
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 16:13
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03 Date Collected: 11/12/24 12:47

Client ID: MW-13-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	57		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03
Client ID: MW-13-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:47
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 18:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.36		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.11		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.25		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.43		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.11		ug/l	0.10	0.03	1
Chrysene	0.22		ug/l	0.10	0.03	1
Acenaphthylene	0.08	J	ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	1.0		ug/l	0.10	0.02	1
Fluorene	0.06	J	ug/l	0.10	0.03	1
Phenanthrene	0.18		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.48		ug/l	0.10	0.02	1
Pyrene	0.31		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-03 Date Collected: 11/12/24 12:47

Client ID: MW-13-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	78		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04
Client ID: MW-15-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:32
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/17/24 14:28
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	0.96	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04 Date Collected: 11/12/24 11:32

Client ID: MW-15-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.3	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	63		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04
Client ID: MW-15-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:32
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/17/24 13:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.38		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.11		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.20		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02	1
Fluorene	0.13		ug/l	0.10	0.03	1
Phenanthrene	0.20		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-04 Date Collected: 11/12/24 11:32

Client ID: MW-15-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	83		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05
Client ID: MW-99-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 16:39
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05 Date Collected: 11/12/24 11:35

Client ID: MW-99-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	65		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05
Client ID: MW-99-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 11:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 18:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.46		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.15		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.24		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.10	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.02	1
Fluorene	0.16		ug/l	0.10	0.03	1
Phenanthrene	0.25		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.11		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-05 Date Collected: 11/12/24 11:35

Client ID: MW-99-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	92		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06
Client ID: MW-17-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:55
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 17:04
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	6.8		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	33.		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06 Date Collected: 11/12/24 12:55

Client ID: MW-17-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	7.8		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	63		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06
Client ID: MW-17-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:55
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 19:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	140	E	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	5.9		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	260	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.34		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.41		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.51		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.13		ug/l	0.10	0.03	1
Chrysene	0.80		ug/l	0.10	0.03	1
Acenaphthylene	2.8		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.23		ug/l	0.10	0.02	1
Fluorene	59	E	ug/l	0.10	0.03	1
Phenanthrene	41		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.23		ug/l	0.10	0.02	1
Pyrene	3.5		ug/l	0.10	0.04	1
2-Methylnaphthalene	10		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06 Date Collected: 11/12/24 12:55

Client ID: MW-17-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	114		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM

Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-06 D
Client ID: MW-17-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 12:55
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/18/24 14:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	100		ug/l	1.0	0.24	10
Naphthalene	230		ug/l	1.0	0.24	10
Fluorene	46		ug/l	1.0	0.26	10

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07
Client ID: MW-25-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 13:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 17:30
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07 Date Collected: 11/12/24 13:15

Client ID: MW-25-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	71		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07
Client ID: MW-25-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 13:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 19:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.8		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.6		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.36		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.18		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.35		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.03	1
Chrysene	0.18		ug/l	0.10	0.03	1
Acenaphthylene	0.10		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.75		ug/l	0.10	0.02	1
Fluorene	1.3		ug/l	0.10	0.03	1
Phenanthrene	2.5		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.07	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.59		ug/l	0.10	0.02	1
Pyrene	0.94		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-07 Date Collected: 11/12/24 13:15

Client ID: MW-25-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	87		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08
Client ID: MW-28-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 13:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 17:56
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08 Date Collected: 11/12/24 13:35

Client ID: MW-28-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	75		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08
Client ID: MW-28-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 13:35
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 19:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.29		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.12		ug/l	0.10	0.03	1
Phenanthrene	0.53		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.19		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-08 Date Collected: 11/12/24 13:35

Client ID: MW-28-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	91		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09
Client ID: MW-11-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 14:30
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 18:21
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09 Date Collected: 11/12/24 14:30

Client ID: MW-11-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	61		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAM
Lab Number: L2466181
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09
Client ID: MW-11-11122024
Sample Location: Not Specified

Date Collected: 11/12/24 14:30
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 20:00
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.30		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.6		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.40		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.29		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.45		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.0		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.31		ug/l	0.10	0.03	1
Chrysene	0.82		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.11		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.52		ug/l	0.10	0.02	1
Fluorene	0.24		ug/l	0.10	0.03	1
Phenanthrene	1.2		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.09	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.49		ug/l	0.10	0.02	1
Pyrene	1.0		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.11		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 780 ELLICOTT STREET **Lab Number:** L2466181

Project Number: SEMI-ANNUAL GW SAM **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466181-09 Date Collected: 11/12/24 14:30

Client ID: MW-11-11122024 Date Received: 11/12/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	78		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/16/24 12:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-09 Batch: WG1998073-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/16/24 12:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-09 Batch: WG1998073-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	66		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 13:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05-09 Batch: WG1998074-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 13:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05-09 Batch: WG1998074-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	90		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/17/24 11:30
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1998304-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/17/24 11:30
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1998304-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	58		41-149

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/17/24 12:05
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1998305-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/17/24 12:05
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 08:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1998305-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-09 Batch: WG1998073-2 WG1998073-3								
Bis(2-chloroethyl)ether	62		61		40-140	2		30
3,3'-Dichlorobenzidine	75		74		40-140	1		30
2,4-Dinitrotoluene	71		70		48-143	1		30
2,6-Dinitrotoluene	75		76		40-140	1		30
4-Chlorophenyl phenyl ether	71		65		40-140	9		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	71		70		40-140	1		30
Bis(2-chloroethoxy)methane	63		66		40-140	5		30
Hexachlorocyclopentadiene	**39**	Q	**36**	Q	40-140	8		30
Isophorone	65		65		40-140	0		30
Nitrobenzene	66		68		40-140	3		30
NDPA/DPA	75		70		40-140	7		30
n-Nitrosodi-n-propylamine	67		68		29-132	1		30
Bis(2-ethylhexyl)phthalate	83		81		40-140	2		30
Butyl benzyl phthalate	80		79		40-140	1		30
Di-n-butylphthalate	75		74		40-140	1		30
Di-n-octylphthalate	85		82		40-140	4		30
Diethyl phthalate	79		75		40-140	5		30
Dimethyl phthalate	73		74		40-140	1		30
Biphenyl	56		54		40-140	4		30
4-Chloroaniline	68		62		40-140	9		30
2-Nitroaniline	73		72		52-143	1		30
3-Nitroaniline	66		62		25-145	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-09 Batch: WG1998073-2 WG1998073-3								
4-Nitroaniline	66		64		51-143	3		30
Dibenzofuran	64		59		40-140	8		30
1,2,4,5-Tetrachlorobenzene	60		56		2-134	7		30
Acetophenone	59		61		39-129	3		30
2,4,6-Trichlorophenol	79		77		30-130	3		30
p-Chloro-m-cresol	72		70		23-97	3		30
2-Chlorophenol	58		58		27-123	0		30
2,4-Dichlorophenol	64		64		30-130	0		30
2,4-Dimethylphenol	48		47		30-130	2		30
2-Nitrophenol	64		64		30-130	0		30
4-Nitrophenol	50		47		10-80	6		30
2,4-Dinitrophenol	75		73		20-130	3		30
4,6-Dinitro-o-cresol	72		68		20-164	6		30
Phenol	32		32		12-110	0		30
2-Methylphenol	56		54		30-130	4		30
3-Methylphenol/4-Methylphenol	56		55		30-130	2		30
2,4,5-Trichlorophenol	84		82		30-130	2		30
Carbazole	69		68		55-144	1		30
Atrazine	112		106		40-140	6		30
Benzaldehyde	57		58		40-140	2		30
Caprolactam	48		49		10-130	2		30
2,3,4,6-Tetrachlorophenol	87		84		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-09 Batch: WG1998073-2 WG1998073-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		48		21-120
Phenol-d6	33		34		10-120
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	63		62		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	72		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05-09 Batch: WG1998074-2 WG1998074-3								
Acenaphthene	74		67		40-140	10		40
2-Chloronaphthalene	65		59		40-140	10		40
Fluoranthene	99		89		40-140	11		40
Hexachlorobutadiene	51		47		40-140	8		40
Naphthalene	66		60		40-140	10		40
Benzo(a)anthracene	93		88		40-140	6		40
Benzo(a)pyrene	97		91		40-140	6		40
Benzo(b)fluoranthene	95		90		40-140	5		40
Benzo(k)fluoranthene	95		90		40-140	5		40
Chrysene	102		95		40-140	7		40
Acenaphthylene	73		66		40-140	10		40
Anthracene	88		81		40-140	8		40
Benzo(ghi)perylene	95		86		40-140	10		40
Fluorene	83		74		40-140	11		40
Phenanthrene	90		83		40-140	8		40
Dibenzo(a,h)anthracene	96		89		40-140	8		40
Indeno(1,2,3-cd)pyrene	100		91		40-140	9		40
Pyrene	100		89		40-140	12		40
2-Methylnaphthalene	64		59		40-140	8		40
Pentachlorophenol	103		96		40-140	7		40
Hexachlorobenzene	84		76		40-140	10		40
Hexachloroethane	53		50		40-140	6		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05-09 Batch: WG1998074-2 WG1998074-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		51		21-120
Phenol-d6	43		39		10-120
Nitrobenzene-d5	80		73		23-120
2-Fluorobiphenyl	69		62		15-120
2,4,6-Tribromophenol	108		100		10-120
4-Terphenyl-d14	100		89		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1998304-2 WG1998304-3								
Bis(2-chloroethyl)ether	57		64		40-140	12		30
3,3'-Dichlorobenzidine	67		64		40-140	5		30
2,4-Dinitrotoluene	69		69		48-143	0		30
2,6-Dinitrotoluene	75		76		40-140	1		30
4-Chlorophenyl phenyl ether	59		63		40-140	7		30
4-Bromophenyl phenyl ether	66		67		40-140	2		30
Bis(2-chloroisopropyl)ether	62		68		40-140	9		30
Bis(2-chloroethoxy)methane	62		66		40-140	6		30
Hexachlorocyclopentadiene	**18**	Q	**22**	Q	40-140	20		30
Isophorone	62		67		40-140	8		30
Nitrobenzene	62		69		40-140	11		30
NDPA/DPA	64		68		40-140	6		30
n-Nitrosodi-n-propylamine	64		69		29-132	8		30
Bis(2-ethylhexyl)phthalate	71		75		40-140	5		30
Butyl benzyl phthalate	78		82		40-140	5		30
Di-n-butylphthalate	71		77		40-140	8		30
Di-n-octylphthalate	77		82		40-140	6		30
Diethyl phthalate	71		72		40-140	1		30
Dimethyl phthalate	71		74		40-140	4		30
Biphenyl	48		55		40-140	14		30
4-Chloroaniline	62		68		40-140	9		30
2-Nitroaniline	70		74		52-143	6		30
3-Nitroaniline	63		66		25-145	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1998304-2 WG1998304-3								
4-Nitroaniline	60		65		51-143	8		30
Dibenzofuran	53		58		40-140	9		30
1,2,4,5-Tetrachlorobenzene	45		57		2-134	24		30
Acetophenone	55		59		39-129	7		30
2,4,6-Trichlorophenol	72		77		30-130	7		30
p-Chloro-m-cresol	67		74		23-97	10		30
2-Chlorophenol	55		58		27-123	5		30
2,4-Dichlorophenol	56		64		30-130	13		30
2,4-Dimethylphenol	39		37		30-130	5		30
2-Nitrophenol	60		65		30-130	8		30
4-Nitrophenol	54		57		10-80	5		30
2,4-Dinitrophenol	96		105		20-130	9		30
4,6-Dinitro-o-cresol	86		90		20-164	5		30
Phenol	31		35		12-110	12		30
2-Methylphenol	48		55		30-130	14		30
3-Methylphenol/4-Methylphenol	55		57		30-130	4		30
2,4,5-Trichlorophenol	74		80		30-130	8		30
Carbazole	65		67		55-144	3		30
Atrazine	107		107		40-140	0		30
Benzaldehyde	54		56		40-140	4		30
Caprolactam	52		54		10-130	4		30
2,3,4,6-Tetrachlorophenol	79		81		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1998304-2 WG1998304-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		50		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	63		67		23-120
2-Fluorobiphenyl	58		64		15-120
2,4,6-Tribromophenol	65		66		10-120
4-Terphenyl-d14	67		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1998305-2 WG1998305-3								
Acenaphthene	58		64		40-140	10		40
2-Chloronaphthalene	50		57		40-140	13		40
Fluoranthene	80		84		40-140	5		40
Hexachlorobutadiene	**37**	Q	44		40-140	17		40
Naphthalene	50		56		40-140	11		40
Benzo(a)anthracene	79		82		40-140	4		40
Benzo(a)pyrene	78		82		40-140	5		40
Benzo(b)fluoranthene	77		81		40-140	5		40
Benzo(k)fluoranthene	79		83		40-140	5		40
Chrysene	83		86		40-140	4		40
Acenaphthylene	58		64		40-140	10		40
Anthracene	73		75		40-140	3		40
Benzo(ghi)perylene	80		81		40-140	1		40
Fluorene	67		72		40-140	7		40
Phenanthrene	76		78		40-140	3		40
Dibenzo(a,h)anthracene	81		82		40-140	1		40
Indeno(1,2,3-cd)pyrene	84		85		40-140	1		40
Pyrene	81		84		40-140	4		40
2-Methylnaphthalene	49		56		40-140	13		40
Pentachlorophenol	77		85		40-140	10		40
Hexachlorobenzene	71		74		40-140	4		40
Hexachloroethane	**39**	Q	45		40-140	14		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1998305-2 WG1998305-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		50		21-120
Phenol-d6	38		39		10-120
Nitrobenzene-d5	67		70		23-120
2-Fluorobiphenyl	59		63		15-120
2,4,6-Tribromophenol	87		91		10-120
4-Terphenyl-d14	80		82		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1998304-4 WG1998304-5 QC Sample: L2466181-04 Client ID: MW-15-11122024												
Bis(2-chloroethyl)ether	ND	20	12	60		13	65		40-140	8		30
3,3'-Dichlorobenzidine	ND	20	16	80		14	70		40-140	13		30
2,4-Dinitrotoluene	ND	20	16	80		16	80		48-143	0		30
2,6-Dinitrotoluene	ND	20	18	90		16	80		40-140	12		30
4-Chlorophenyl phenyl ether	ND	20	14	70		15	75		40-140	7		30
4-Bromophenyl phenyl ether	ND	20	15	75		16	80		40-140	6		30
Bis(2-chloroisopropyl)ether	ND	20	14	70		15	75		40-140	7		30
Bis(2-chloroethoxy)methane	ND	20	13	65		14	70		40-140	7		30
Hexachlorocyclopentadiene	ND	20	4.3J	**22**	Q	6.0J	**30**	Q	40-140	**33**	Q	30
Isophorone	ND	20	14	70		14	70		40-140	0		30
Nitrobenzene	ND	20	13	65		14	70		40-140	7		30
NDPA/DPA	ND	20	15	75		15	75		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	14	70		15	75		29-132	7		30
Bis(2-ethylhexyl)phthalate	ND	20	19	95		18	90		40-140	5		30
Butyl benzyl phthalate	ND	20	19	95		18	90		40-140	5		30
Di-n-butylphthalate	0.96J	20	17	85		17	85		40-140	0		30
Di-n-octylphthalate	ND	20	19	95		19	95		40-140	0		30
Diethyl phthalate	ND	20	17	85		17	85		40-140	0		30
Dimethyl phthalate	ND	20	16	80		16	80		40-140	0		30
Biphenyl	ND	20	11	55		12	60		40-140	9		30
4-Chloroaniline	ND	20	19	95		9.3	47		40-140	**69**	Q	30
2-Nitroaniline	ND	20	17	85		16	80		52-143	6		30
3-Nitroaniline	ND	20	17	85		11	55		25-145	**43**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1998304-4 WG1998304-5 QC Sample: L2466181-04 Client ID: MW-15-11122024												
4-Nitroaniline	ND	20	16	80		15	75		51-143	6		30
Dibenzofuran	ND	20	13	65		14	70		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	11	55		13	65		2-134	17		30
Acetophenone	ND	20	12	60		13	65		39-129	8		30
2,4,6-Trichlorophenol	ND	20	16	80		17	85		30-130	6		30
p-Chloro-m-cresol	ND	20	16	80		16	80		23-97	0		30
2-Chlorophenol	ND	20	12	60		13	65		27-123	8		30
2,4-Dichlorophenol	ND	20	13	65		14	70		30-130	7		30
2,4-Dimethylphenol	ND	20	8.8	44		8.0	40		30-130	10		30
2-Nitrophenol	ND	20	13	65		15	75		30-130	14		30
4-Nitrophenol	ND	20	14	70		14	70		10-80	0		30
2,4-Dinitrophenol	ND	20	22	110		23	120		20-130	4		30
4,6-Dinitro-o-cresol	ND	20	20	100		20	100		20-164	0		30
Phenol	1.3J	20	7.9	40		8.3	42		12-110	5		30
2-Methylphenol	ND	20	11	55		12	60		30-130	9		30
3-Methylphenol/4-Methylphenol	ND	20	13	65		12	60		30-130	8		30
2,4,5-Trichlorophenol	ND	20	18	90		18	90		30-130	0		30
Carbazole	ND	20	16	80		16	80		55-144	0		30
Atrazine	ND	20	24	120		25	130		40-140	4		30
Benzaldehyde	ND	20	11	55		13	65		40-140	17		30
Caprolactam	ND	20	12	60		10	50		10-130	18		30
2,3,4,6-Tetrachlorophenol	ND	20	18	90		19	95		40-140	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1998304-4 WG1998304-5 QC Sample: L2466181-04 Client ID: MW-15-11122024

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	71		75		10-120
2-Fluorobiphenyl	69		69		15-120
2-Fluorophenol	45		53		21-120
4-Terphenyl-d14	82		78		41-149
Nitrobenzene-d5	67		74		23-120
Phenol-d6	36		39		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1998305-4 WG1998305-5 QC Sample: L2466181-04 Client ID: MW-15-11122024												
Acenaphthene	0.38	20	15	73		17	83		40-140	13		40
2-Chloronaphthalene	ND	20	12	60		14	70		40-140	15		40
Fluoranthene	0.11	20	21	100		22	110		40-140	5		40
Hexachlorobutadiene	ND	20	8.5	43		11	55		40-140	26		40
Naphthalene	0.20	20	12	59		14	69		40-140	15		40
Benzo(a)anthracene	ND	20	20	100		21	110		40-140	5		40
Benzo(a)pyrene	0.04J	20	20	100		22	110		40-140	10		40
Benzo(b)fluoranthene	0.07J	20	20	100		20	100		40-140	0		40
Benzo(k)fluoranthene	ND	20	20	100		22	110		40-140	10		40
Chrysene	ND	20	21	110		23	120		40-140	9		40
Acenaphthylene	ND	20	14	70		15	75		40-140	7		40
Anthracene	ND	20	18	90		20	100		40-140	11		40
Benzo(ghi)perylene	0.07J	20	19	95		20	100		40-140	5		40
Fluorene	0.13	20	17	84		18	89		40-140	6		40
Phenanthrene	0.20	20	20	99		20	99		40-140	0		40
Dibenzo(a,h)anthracene	ND	20	20	100		21	110		40-140	5		40
Indeno(1,2,3-cd)pyrene	0.05J	20	20	100		22	110		40-140	10		40
Pyrene	0.09J	20	21	110		22	110		40-140	5		40
2-Methylnaphthalene	0.03J	20	12	60		14	70		40-140	15		40
Pentachlorophenol	ND	20	17	85		21	110		40-140	21		40
Hexachlorobenzene	ND	20	18	90		19	95		40-140	5		40
Hexachloroethane	ND	20	8.6	43		11	55		40-140	24		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 780 ELLICOTT STREET

Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181

Report Date: 11/19/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1998305-4 WG1998305-5 QC Sample: L2466181-04 Client ID: MW-15-11122024

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	109		115		10-120
2-Fluorobiphenyl	70		75		15-120
2-Fluorophenol	52		59		21-120
4-Terphenyl-d14	101		104		41-149
Nitrobenzene-d5	76		85		23-120
Phenol-d6	42		47		10-120

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466181-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-01D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-01E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-02D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-02E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-03D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-03E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04A1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04A2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04B1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04B2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466181-04C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04C1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04C2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-04D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04D1	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04D2	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04E1	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-04E2	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-05D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-05E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-06A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-06B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-06C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-06D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-06E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-07A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-07B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-07C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-07D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-07E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL

Lab Number: L2466181
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466181-08A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-08B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-08C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-08D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-08E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-09A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-09B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-09C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-09D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-09E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466181-10A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2466181-10B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	780 ELLICOTT STREET	**Lab Number:**	L2466181
Project Number:	SEMI-ANNUAL GW SAMPL	**Report Date:**	11/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	780 ELLICOTT STREET	**Lab Number:**	L2466181
Project Number:	SEMI-ANNUAL GW SAMPL	**Report Date:**	11/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	780 ELLICOTT STREET	**Lab Number:**	L2466181
Project Number:	SEMI-ANNUAL GW SAMPL	**Report Date:**	11/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 780 ELLICOTT STREET
Project Number: SEMI-ANNUAL GW SAMPL
Lab Number: L2466181
Report Date: 11/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2466181 19NOV24
INVENTUM -- ENG

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab 11/13/24

Project Information
Project Name: 780 Ellicott Street
Project Location:
Project # Semi-Annual GW Sampling Nov. 2024
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Inventum Engineering
Address: 441 Carlisle Dr. Suite C. Herndon, VA
Phone: (518) 844-5745
Fax: Todd.Waldrop@Inventumeng.com
Email: Austin.Oare@Inventumeng.com

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs NYTCL-8260	SVOCs NYTCL-8270	Total Bottle	Sample Specific Comments
~~Ldo181-01~~	~~RW-1-11122024~~	~~11/12/24~~							
-01	MW-001-11122024	11/12/24	11:45	AQ	AO	X	X		
-02	MW-5-11122024	11/12/24	11:00	AQ	AO	X	X		
-03	MW-13-11122024	11/12/24	12:47	AQ	CB	X	X		
-04	MW-15-11122024	11/12/24	11:32	AQ	CB	X	X		
-05	MW-99-11122024	11/12/24	11:35	AQ	CB	X	X		
-06	MW-17-11122024	11/12/24	12:55	AQ	AO	X	X		
	~~MW-24-11122024~~	~~11/12/24~~	~~9:37~~	~~AQ~~	~~CB~~	~~X~~	~~X~~		
-07	MW-25-11122024	11/12/24	13:15	AQ	CB	X	X		
-08	MW-28-11122024	11/12/24	13:35	AQ	AO	X	X		

Container Type	V	A
Preservative	B	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/12/24 15:05	C. Wrigley Pace	11-12-24 15:05
C. Wrigley Pace	11-12-24 15:08	Bentley 5/6	11-12-24 15:08
	11-12-24 15:19		11-12-2
	11-13-24 0130		11/13/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 11/13/24

ALPHA Job #: L2466181

Client Information
Client: Inventum Engineering
Address: 441 Carlisle Dr. Suite C. Herndon, VA
Phone: (518) 844-5745
Fax: Todd.Waldrop@Inventumeng.com
Email: Austin.Dare@Inventumeng.com

Project Information
Project Name: 780 Ellicott Street
Project Location:
Project # Semi Annual GW Sampling Nov. 2024
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs NYTCL-8260	SVOCs NYTCL-8270	Sample Specific Comments	Total Bottle
2466181-09	MW-11-11122024	11/12/24	14:30	AQ	CB	X	X		
-10	T-RIP Blank	11/12/24	—	—		x	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A											
Preservative	B	A											

Relinquished By:	Date/Time	Received By:	Date/Time
	11/12/24 15:05		11-12-24 15:05
	11-12-24 15:08		11-12-24 15:08
	11-12-24 15:19		11-12-24
	11-13-24 0130		11/13/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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Appendix C – IHWS Boundary Survey - 2017

Notes:

1) North as Shown on this Map is True North at 78°35' Meridian of West Longitude, as established by GPS Static Survey:

- Control Point 1 Set Pin & Cap N. 1058634.40, E. 1072194.08
- Opus X90D GPS Receiver Serial No. 038705
- Static GPS Observations July 8, 2017
- New York State Plane Coordinates West Zone (3103)
- NAD_83 (2011)(EPOCH:2010.0000)

Base Stations used:

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (m)
DF5379	PWEL PORT WELLER CORS APR	N431412.202	W0791310.777	46693.3
DI0444	NYBT BATAVIA CORS ARP	N425917.960	W0780720.375	61503.6
D10596	NYLP LOCKPORT CORS ARP	N430954.854	W0784513.356	30343.4

Linear Unit - U.S. Survey Foot. Combined scale factor: 0.99991841. All dimensions shown are Ground.

Bearings as shown on this map are referenced to the record bearings as described in Deed filed in the Erie County Clerk's Office in Liber 11304 of deeds at page 8864. The cad file is on New York State Plane Coordinates however the labeled bearings are not.

2) Elevations as shown on this Map are based on NAVD88 Datum. Site Benchmark: as observed by static GPS observation on Pin & Cap 4 is 653.42 (+/- 0.04' {NAVD88 (Computed using Geoid12B)}.

3) Utilities as shown on this map are plotted from field locations of visible structures and information provided by others. Niagara Boundary & Mapping Services, along with the undersigned Land Surveyor assumes no responsibility as to the accuracy of underground utilities. Contractor must call UFPO three working days prior to any excavation construction activities.

4) Contour interval is 1.0' Foot

5) Elevations present in Cad file are turned off for plotting clarity.

6) Map references:

- Survey of Part of Lot-31, Twp.-11, R.-8, Holland Purchaser, City of Buffalo, County Of Erie, by McIntosh & McIntosh, PC. Job No. 7861 dated September 27, 2010.
- Boundary Survey of 996, 980, 960 Ellicott Street, 31 Dodge, 28 Best and 1145 Main Street by Nussbaumer & Clarke, Inc. Job No. 16j2-0929 dated September 23, 2016.

7) Premises is located in Zone X, Areas determined to be outside 500 year floodplain, as shown on Flood Insurance Rate Map (FIRM) City of Buffalo, County of Erie, Community panel No. 360230 0015 C map revised August 23, 1999

Legend

Abbreviations

Ex = Existing
E = East
N = North
W = West
S = South
R.O.W. = Right of Way
A.K.A. = also known as
EM Electric Meter
Well Monitoring Well
ELHH Electric Hand Hole
Deciduous Tree
Bush
Coniferous Tree
Electric Manhole
NBMS 50349 Cap Detail

Symbols

Symbol	Meaning
S	Sanitary Manhole
CO	Cleanout
CB	Catch Basin
DI	Drain Inlet
ST	Storm Manhole
YD	Yard Drain
CTV	Cable TV
E	Electric Riser
	Power Pole
	Guy Wire Anchor
T	Telephone Riser
HYD	Fire Hydrant
WV	Water Valve
WSV	Water Service Valve
G	Gas Line Marker
GV	Gas Valve
GSV	Gas Service Valve
	Sign
MB	Mailbox
MP	Metal Post
Mon	Concrete R.O.W. Monument
	Light Standard
T	Telephone Manhole
	Bollard
ICV	Irrigation Control Valve

Line Styles

Line	Meaning
SA	Sanitary Sewer
ST	Storm Sewer
W	Water Line
G	Gas Line
T	Telephone Wires or Cables
E	Electric Wires or Cables
OH	Overhead Wires
100	Contour Line
	Centerline of Ditch
	Crown of Pavement
	Centerline of Road
	Right of Way Line
	Building Setback Line
	Easement Line
	Property Line
UE	Underground Electric
	Paint Stripe
	Former Boundary Parcel Line
UCTV	Underground Cable TV
UFO	Underground Fiber Optic

Legal Description
Inactive Hazardous Site
Niagara Boundary Job No. 9652-18

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie, State of New York, being part of Lot No. 31, Township 11, Range 8 of the Holland Land Company's Survey, and more particularly bounded and described as follows:

BEGINNING at a point in the westerly line of Ellicott Street, distant 148.05 feet northerly from the point of intersection of the westerly line of Ellicott Street with the northerly line of Best Street;

Thence N 89°03'07" W a distance of 200.59 feet to a point;

Thence N 13°40'13" E a distance of 50.00 feet to a point;

Thence N 89°03'07" W a distance of 30.00 feet to a point;

Thence N 13°40'13" E a distance of 49.99 feet to a point;

Thence S 89°03'07" E a distance of 49.00 feet to a point;

Thence N 13°40'13" E a distance of 7.00 feet to a point;

Thence S 76°19'47" E a distance of 9.00 feet to a point;

Thence N 11°51'01" E a distance of 47.88 feet to a point;

Thence S 78°00'20" E a distance of 39.32 feet to a point;

Thence S 39°59'19" W a distance of 8.65 feet to a point;

Thence S 14°01'09" W a distance of 35.44 feet to a point;

Thence S 89°02'44" E a distance of 137.78 feet to a point in the westerly line of Ellicott Street;

Thence along the westerly line of Ellicott Street, S 13°40'13" W a distance of 103.14 feet and the POINT OR PLACE OF BEGINNING.

The above described parcel contains ± 0.533 acres (23234 sq. ft.)

Niagara Boundary
And Mapping Services
761 Cayuga Street
Lewiston, NY 14092
(716) 297-9584
Fax (716) 297-9586
E-Mail KLSNBMS@AOL.COM

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

Map
Showing Boundary Survey
of

Inactive Hazardous Site

New York State Department of Environmental Conservation Site No. 915143

LOT	SECTION	TOWNSHIP	RANGE
31		11	8

City	Buffalo
COUNTY	Erie
STATE	New York
DATE	July 12, 2017
SCALE	1" = 20'
JOB NO.	9652-17
RESURVEYED	

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES."

THIS SURVEY WAS PREPARED FOR THE PARTIES AND PURPOSE INDICATED HEREON. ANY EXTENSION OF THE USE BEYOND THE PARTIES OR PURPOSE INDICATED IS EXPRESSLY FORBIDDEN WITHOUT WRITTEN RELEASE OR PERMISSION OF THE UNDERSIGNED.

Kenneth L. Slaugenhoupt Lic. No. 50349