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October 30, 2025

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7014

Re: Five Year Groundwater Monitoring Evaluation
Ithaca Court Street Former MGP Site (NYSDEC Site No. 755008)
Ithaca, New York
D&B No. 5811

Dear Mr. Garland:

On behalf of New York State Electric and Gas Corporation (NYSEG), D&B Engineers and Architects, D.P.C. (D&B) is submitting this Five year review letter report to summarize the groundwater data generated as part of the monitored natural attenuation long-term monitoring program at the Ithaca Court Street Former Manufactured Gas Plant (MGP) Site Operable Unit 2 in Ithaca, New York (the “Site”). A site location map is presented as **Figure 1 – Site Location Map**.

Background

The NYSEG Ithaca site is divided into two operable units (OUs). Operable Unit 1 (OU-1) consists of the former MGP parcel, former tar duct structures under West Court Street from the Site to North Meadow Street, and the surrounding sidewalk areas. Operable Unit 2 (OU-2) consists of any areas outside of the OU-1 boundary that may have been impacted by the migration of MGP residuals from OU-1 source materials. A Site Plan depicting these operable units is presented as **Figure 2 – Site Plan**.

As detailed in the interim Site Management Plan (SMP) dated May 2023, the primary constituents of concern at the Site are benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs) and cyanide. All remedial actions have been successfully completed at the Site in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC). The scope of the current long-term monitoring program presented in the SMP includes the collection of groundwater samples from eight existing groundwater monitoring on a quarterly basis and an additional seven monitoring wells on an annual basis using low stress (low flow) purging and sampling techniques for laboratory analysis. The purpose of the long-term groundwater monitoring activities is to assess the natural attenuation process that is an engineering control for the Site to address remaining contamination.

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

Long-Term Groundwater Monitoring Scope Summary

The groundwater monitoring program is a long-term plan to monitor the quality of groundwater at the Site and off-site areas. Groundwater samples are collected from 15 monitoring wells that were selected based on the June 2016 sampling event and recommendations provided in a summary report submitted to the NYSDEC. The network of monitoring wells has been designed based on the locations of past groundwater sampling event and historic groundwater flow patterns to evaluate MNA and is shown on **Figure 3**.

The SMP indicates during the first two years (i.e., Q4 2020 – Q3 2022), the 15 monitoring wells (MW-C11, MW-C12, MW-C16, MW-28S/MW-13S, MW-22S, MW-23S, MW-24S, MW-25S, MW-31S, MW-33S, MW-40, MW-45S, MW-46S, MW-47S, MW-48S) were sampled quarterly to establish baseline conditions and to evaluate the potential for seasonal fluctuations in contaminant concentrations. For the first two years groundwater samples were analyzed for BTEX, PAHs, cyanide, in addition to monitored natural attenuation (MNA) parameters and field parameters (pH, temperature, specific conductance, turbidity, dissolved oxygen (DO), oxidation-reduction potential (ORP). During years three through year five (i.e., Q4 2022 – Q3 2025), only the wells containing MGP related contaminants at concentrations greater than the respective NYSDEC Class GA groundwater standards/guidance values were sampled quarterly. This included a total of eight wells (MW-C11, MW-C12, MW-C16, MW-13S, MW-22S, MW-23S, MW-46S, MW-48S). The remaining seven wells were sampled annually (MW-24S, MW-25S, MW-31S, MW-33S, MW-40, MW-45S, MW-47S). For the last three years (i.e., Q4 2022 – Q3 2025) groundwater samples were analyzed for BTEX, PAHs, cyanide, and field parameters. Note that monitoring well MW-28S was decommissioned in December 2022 and monitoring well MW-13S was designated as the upgradient reference well.

As presented in the SMP, after five years (i.e., after Q3 2025 sampling event), the success of the program will be evaluated and if monitoring data indicates that monitoring for natural attenuation may no longer be required, a proposal to discontinue the monitoring program will be submitted by the remedial party. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional measures may be evaluated in consultation with NYSDEC. Presented below is a summary of the analytical results generated for the first five years of the long-term groundwater monitoring program in accordance with the SMP.

Groundwater Sampling Events

As part of the long-term groundwater monitoring program twenty groundwater sampling events have been conducted between September 2020 through September 2025 in general conformance with the SMP. For each sampling event, prior to sampling the monitoring wells, depth to groundwater measurements are collected and screening for non-aqueous phase liquid (NAPL) is conducted for all monitoring locations using an oil-water interface probe. Following the synoptic round of groundwater level measurements and NAPL screening, each well is purged and sampled using a peristaltic pump and dedicated tubing following low stress (low flow) Purging and Sampling Procedures for the Collection of Groundwater Samples from Monitoring Wells (USEPA, 2017).

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

Based on the results of the groundwater level measurements, the flow of groundwater in the vicinity of the Site generally flows in a westerly direction. NAPL has been observed on the oil-water interface probe, however, measurable quantities of NAPL have not been observed during any of the 20 sampling events.

Laboratory Analytical Results

As indicated above, 20 sampling events have been conducted as part of the log-term monitoring program. These 20 sampling events are associated with the eight monitoring wells that have been sampled quarterly since the fourth quarter of 2020. Twelve sampling events have been conducted for five of the seven wells currently on the annual sampling list, with the exceptions being MW-25S and MW-31S being sampled 11 times. For discussion purposes, the analytical results for the monitoring wells sampled quarterly and those sampled annually are presented below separately for BTEX, Select PAHs, and cyanide.

Quarterly Groundwater Monitoring Wells Analytical Results

The Analytical results for samples collected from the eight groundwater monitoring wells as part of the quarterly sampling events are summarized in **Table 1 – Groundwater Analytical Results – BTEX, PAHs, and Cyanide**. Results of samples collected are compared to the NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA groundwater (herein referred to as the Class GA groundwater standards). Provided below is a summary of the analytical results generated to date for the monitoring wells sampled quarterly.

BTEX

One or more BTEX constituents have been detected in seven of the eight groundwater monitoring wells sampled quarterly. The highest concentrations of total BTEX have been observed in decreasing order at monitoring wells as follows:

- MW-46S – Total BTEX was observed in 20 of 20 monitoring events at an average concentration of 1,487.03 ug/l.
- MW-48S – Total BTEX was observed in 20 of 20 monitoring events at an average concentration of 78.91 ug/l.
- MW-23S - Total BTEX was observed in 20 of 20 monitoring events at an average concentration of 71.93 ug/l.
- MW-22S - Total BTEX was observed in 4 of 20 monitoring events with an average concentration of the three detections at 23.58 ug/l.
- MW-C12 - Total BTEX was observed in 13 of 20 monitoring events at an average concentration of the twelve detections at 27.67 ug/l.

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

- MW-28S/MW-13S - Total BTEX was observed in 1 of 20 monitoring events (Q3 2022) at a concentration of 3.8 ug/l.
- MW-C16 - Total BTEX was observed in 1 of 20 monitoring events (Q4 2022) at a concentration of 0.82 J ug/l.
- MW-C11 – BTEX constituents have not been detected in any of the 20 monitoring events.

As shown above, the highest total BTEX concentrations were observed at MW-46S, MW-48S and MW-23S. The BTEX constituents' analytical results for these three monitoring wells have been plotted and these historical concentration graphs are provided as **Attachment A**. In addition, these graphs include a plot of total BTEX concentrations and an associated trend line. As can be seen, total BTEX concentrations are trending downward for monitoring wells MW-46S and MW-48S and slightly trending upwards at monitoring well MW-23S.

PAHs

One or more PAH analytes have been detected in the eight groundwater monitoring wells sampled quarterly during one or more sampling events. The highest concentrations of total PAHs have been observed in decreasing order at monitoring wells as follows:

- MW-46S –PAHs were observed in 20 of 20 monitoring events with an average total PAH concentration of 906.07 ug/l.
- MW-23S –PAHs was observed in 20 of 20 monitoring events with an average total PAH concentration of 172.04 ug/l.
- MW-48S - PAHs was observed in 20 of 20 monitoring events with an average total PAH concentration of 109.32 ug/l.
- MW-C12 - PAHs were observed in 20 of 20 monitoring events with an average total PAH concentration of 95.44 ug/l.
- MW-C16 - PAHs were observed in 20 of 20 monitoring events with an average total PAH concentration of 15.72 ug/l.
- MW-28S/MW-13S - PAHs were observed in 3 of 19 monitoring events with an average total PAH concentration of the three detections at 6.48 ug/l.
- MW-C11 - PAHs were observed in 11 of 20 monitoring events with an average total PAH concentration of the eleven detections at 1.14 ug/l.
- MW-22S – PAHs were observed in 9 of 20 monitoring with an average total PAH concentration of the nine detections at 1.03 ug/l.

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

As shown above, the highest total PAH concentrations were observed at MW-46S, MW-23S and MW-48S, which were also the three monitoring well locations with the highest BTEX concentrations observed. The detected PAH analytical results for these three monitoring wells have been plotted and these historical concentration graphs are provided as **Attachment 2**. In addition, these graphs include a plot of total PAH concentrations and an associated trend line. As can be seen, total PAH concentrations are trending downward for monitoring wells MW-46S and MW-23S and relatively stable at monitoring well MW-48S.

Cyanide

Cyanide has been observed exceeding the Class GA standard of 0.2 mg/l in only one of the eight groundwater monitoring wells (MW-22S) sampled quarterly. Cyanide has been detected in groundwater samples from monitoring well MW-22S exceeding Class GA standards during 15 of 20 monitoring events at relatively stable concentrations. The average concentration of cyanide observed at MW-22S was calculated at 0.51 mg/l.

Annual Groundwater Monitoring Wells Analytical Results

The Analytical results for samples collected from the seven groundwater monitoring wells as part of the annual sampling events are summarized in **Table 2 – Groundwater Analytical Results – BTEX, PAHs, and Cyanide**. Results of samples collected are compared to the Class GA groundwater standards. Provided below is a summary of the analytical results generated to date for the monitoring wells sampled annually.

BTEX

BTEX has not been detected in any of the seven groundwater monitoring wells sampled annually as part of the long-term monitoring program.

PAHs

- MW-25S, MW-31S, MW-33S - PAHs were not detected in any of the 11 sampling events conducted as part of the long-term monitoring program.
- MW-24S - Benzo(a)pyrene was detected in 1 of 11 sampling events. This detection was observed during the first quarter of 2021 exceeding the Class GA groundwater standard.
- MW-40 - Benzo(a)anthracene was detected in 2 of 11 sampling events. These detections were observed during the fourth quarter of 2021 and the first quarter of 2022 exceeding the Class GA groundwater standard. No detections of PAHs were observed prior to or after these sampling events.

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

- MW-45S – Benzo(a)anthracene was detected in 1 of 11 sampling events. This detection was observed during the third quarter of 2024 exceeding the Class GA groundwater standard. No detections of PAHs were observed prior to or after these sampling events.
- MW-47S – Several PAHs were detected in 4 of 11 sampling events. These detection were observed from the second quarter of 2021 through the first quarter of 2022 exceeding their respective Class GA groundwater standards. No detections of PAHs were observed prior to or after these sampling events.

Cyanide

Cyanide has not been detected in any of the seven groundwater monitoring wells sampled annually as part of the long-term monitoring program.

CONCLUSIONS AND RECOMMENDATIONS

The analytical results generated during the first five years of the long-term monitoring program clearly show an overall reduction in contaminant concentration. As indicated above, measurable quantities of NAPL have not been observed during any of the 20 sampling events. In addition, based on a review of the most recent field parameters collected in September 2025, conditions remain favorable for anerobic biodegradation (low oxygen and negative oxidation/reduction potential). A summary of the final field parameters from the Third Quarter 2025 groundwater monitoring event is provided as **Table 3**. Based on these findings natural attenuation remains a viable remedial alternative to achieve the remedial action objectives for the Site in concert with the prescribed institutional controls presented in the SMP.

At this time, it is recommended that the long-term groundwater monitoring program continue to be implemented in accordance with the SMP to collect additional data and assess future trends, with the following modifications:

- Remove groundwater monitoring wells MW-24S, MW-25S, MW-31S, MW-33S, MW-40S, and MW-47S from the long-term monitoring program. All these wells are currently sampled annually and have had limited detections of constituents of concern and no exceedances of Class GA standards for at least five sampling events going back to the second quarter of 2022 or longer.
- Remove groundwater monitoring well MW-C11 from the long-term monitoring program. This well is currently sampled quarterly. BTEX and cyanide have never been detected at this location and has had limited detections of PAHs and no exceedances of Class GA standards for nine sampling events going back to the third quarter of 2023.
- Re-evaluate the need to include groundwater monitoring well MW-45S, currently sampled annually, following the next sampling event (third quarter of 2026). At MW-45S, one exceedance of the Class GA groundwater standard for benzo(a)anthracene was observed

Mr. Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
October 30, 2025

Page 7

during the third quarter 2024 groundwater monitoring event. This was the only exceedance out of 11 groundwater monitoring events.

Please do not hesitate to contact Levia Terrell at (607) 423-1652 or myself at (315) 558-1590 if you have any questions or require additional information.

Very truly yours,



Gunther J. Schnorr
Senior Engineer

GJSt/rs

attachments

cc: Levia Terrell (NYSEG)
Scott Tucker (Ramboll)
Frank DeVita (D&B)
Thomas P. Fox, P.G. (D&B)

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TABLES

Table 1 – Quarterly Groundwater Analytical Results – BTEX, PAHs, and Cyanide

Table 2 – Annual Groundwater Analytical Results – BTEX, PAHs, and Cyanide

Table 3 – Summary of Final Field Parameter Results

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Plan

Figure 3 – Groundwater Monitoring Wells

ATTACHMENTS

Attachment A – BTEX Concentrations and Total BTEX Trend

Attachment B – PAH Concentrations and Total PAH Trend

TABLES

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-C11 10/1/2020 Q4 2020	MW-C11 3/3/2021 Q1 2021	MW-C11 6/9/2021 Q2 2021	MW-C11 9/8/2021 Q3 2021	MW-C11 12/7/2021 Q4 2021	MW-C11 3/29/2022 Q1 2022	MW-C11 6/29/2022 Q2 2022	MW-C11 9/20/2022 Q3 2022	MW-C11 12/20/2022 Q4 2022	MW-C11 3/22/2023 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1	1 U	4 U	2 U	2 U	2 U	2.3	1 U	1 U	1 U	0.5 U
Toluene	5	1 U	4 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	2.5 U
Ethylbenzene	5	1 U	4 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	2.5 U
M,P-Xylenes	5	--	--	--	--	--	4 U	--	--	--	--
O-Xylene	5	--	--	--	--	--	2 U	--	--	--	--
Xylenes	5	2 U	8 U	4 U	4 U	4 U	4 U	3 U	3 U	3 U	2.5 U
BTEX	--	5 U	20 U	10 U	10 U	10 U	2.3	6 U	6 U	6 U	8 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.019 U	0.021 U	0.02 UJ	0.01 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.021 J	0.02 UJ	0.01 U
Benzo(b)fluoranthene	0.002	0.05 U	0.03 J	0.03 U	0.03 U	0.03 UJ	0.05 U	0.019 U	0.022	0.02 UJ	0.01 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.028	0.02 UJ	0.01 UJ
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.024	0.02 UJ	0.01 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.023	0.02 UJ	0.01 UJ
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.027	0.02 UJ	0.01 UJ
Acenaphthene	20	3.6	1.3 J	1.5 J	0.91	1.2	0.58	0.81	0.59	0.32 J	0.38 U
Acenaphthylene	--	0.53 J	6 U	6 U	0.11 J+	0.15 J	0.5 U	0.11	0.1 J	0.052 J	0.05 J
Anthracene	50	2.4 U	10 U	10 U	0.5 U	0.49 U	0.5 U	0.019 U	0.021 U	0.02 UJ	0.01 U
Chrysene	0.002	2.4 U	10 U	10 U	0.5 U	0.49 U	0.5 U	0.019 U	0.021 U	0.02 UJ	0.01 U
Fluoranthene	50	2.4 U	10 U	10 U	0.5 U	0.49 U	0.5 U	0.024	0.027 J	0.02 UJ	0.01 U
Fluorene	50	2.4 U	10 U	10 U	0.5 U	0.49 U	0.5 U	0.019 U	0.021 J	0.02 UJ	0.01 U
Naphthalene	10	4.8 U	20 U	20 U	1 U	0.98 U	0.5 U	0.019 U	0.021 U	0.02 UJ	0.01 U
Phenanthrene	50	0.95 U	4 U	4 U	0.2 U	0.2 U	0.5 U	0.019 U	0.021 U	0.02 UJ	0.01 U
Pyrene	50	2.4 U	10 U	10 U	0.5 U	0.49 U	0.5 U	0.27	0.045	0.025 J	0.02 J
Total PAHs	--	4.13	1.33	1.5	1.02	1.35	0.58	1.214	0.883	0.397	0.07
Cyanide in mg/l	0.2	0.01 U	0.040	0.017	0.015	0.024	0.05 U	0.01 U	0.0102	10 U	0.011

Footnotes/Qualifiers:

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

J+: Estimated value or limit biased high

--: No limit or not analyzed

Exceeded TOGS GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11	MW-C11
	6/19/2023 Q2 2023	9/11/2023 Q3 2023	12/4/2023 Q4 2023	3/26/2024 Q1 2024	6/17/2024 Q2 2024	9/16/2024 Q3 2024	12/17/2024 Q4 2024	3/24/2025 Q1 2025	6/24/2025 Q2 2025	9/15/2025 Q3 2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes</u> (BTEX) in ug/l	TOGS Class GA Groundwater Standards									
Benzene	1	1 U	1 U	0.41 U	0.41 U	0.82 U	0.82 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	0.74 U	0.74 U	1.5 U	1.5 U	1 U	1 U	1 U
M,P-Xylenes	5	2 U	2 U	0.66 U	0.66 U	1.3 U	1.3 U	2 U	2 U	2 U
O-Xylene	5	1 U	1 U	0.76 U	0.76 U	1.5 U	1.5 U	1 U	1 U	1 U
Xylenes	5	2 U	2 U	0.66 U	0.66 U	1.3 U	1.3 U	2 U	2 U	2 U
BTEX	--	2 U	2 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>										
Benzo(a)anthracene	0.002	0.027 J	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	10 UJ	10 U	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U
Fluorene	50	10 UJ	10 U	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U
Total PAHs	--	0.027	0	0	0	0	0	0	0	0
Cyanide in mg/l	0.2	0.018 UBJ	0.012 J	0.011 UBJ	0.022	0.013	0.0056 J	0.01 UB	0.019	0.01 UBJ

Footnotes/Qualifiers:

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

J+: Estimated value or limit biased

--: No limit or not analyzed

Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12
Sampling Date	10/1/2020	3/4/2021	6/10/2021	9/9/2021	12/7/2021	3/29/2022	6/29/2022	9/20/2022	12/19/2022	3/22/2023	
	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	
TOGS Class											
GA											
Groundwater											
Standards											
(BTEX) in ug/l											
Benzene	1	9.8	16	11	9.5	0.54 J	4.6	2	1.5	24.7	3.6
Toluene	5	1 U	31	10	11	0.51 U	1 U	1 U	1 U	1 U	2.5 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	0.74 U	13	1.4	1 U	59.1	2.1 J
M,P-Xylenes	5	--	--	--	--	0.66 U	2 U	--	--	--	--
O-Xylene	5	--	--	--	--	0.76 U	0.89 J	--	--	--	--
Xylenes	5	2 U	1.9 J	2 U	2 U	0.66 U	0.89 J	3 U	3 U	3 U	2.5 U
BTEX	--	9.8	48.9	21	20.5	1 U	18.49	3.4	1.5	83.8	5.7
Semivolatile Organic											
Compounds in ug/l											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.016 J	0.05 UJ	0.05 U	0.02 U	0.025	0.019 U	0.1 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.021	0.019 U	0.1 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.024	0.019 U	0.1 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.025	0.019 U	0.1 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.05 U	0.019 U	0.1 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.021	0.019 U	0.1 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.023	0.019 U	0.1 U
Acenaphthene	20	81	140	92	130	100	130	93	76.1	157	55
Acenaphthylene	--	1	1.4	6 U	6 U	1.2 J	0.5 U	0.83	0.7	1.6	0.58 U
Anthracene	50	0.096 J	0.23 J	10 U	10 U	10 U	0.5 U	0.071	0.06	0.14	0.05 J
Chrysene	0.002	0.48 U	0.5 U	10 U	10 UJ	10 U	0.5 U	0.02 U	0.024	0.019 U	0.1 U
Fluoranthene	50	0.48 U	0.5 U	10 U	10 U	10 U	0.5 U	0.029	0.037	0.047	0.04 J
Fluorene	50	10	18	13	16	13	19	13	9.4	21.4	8.1 J
Naphthalene	10	0.19 J	0.35 J	20 U	20 U	21 U	0.5 U	0.067	0.048	4.8	0.1 U
Phenanthrene	50	0.90	2.3	4 U	4 U	4.1 U	1.4 U	0.58	0.3	1.3	0.44
Pyrene	50	0.48 U	0.5 U	10 U	10 U	10 U	0.5 U	0.029	0.042	0.049	0.04 J
Total PAHs	--	93.19	162.28	105	146.016	114.2	149	107.606	86.85	186.34	63.67
Cyanide in mg/l	0.2	0.016	0.01	0.017	0.013	0.014	10 U	0.013	0.01 UBJ	0.01 U	0.0081 J

Footnotes/Qualifiers:

- ug/l: Micrograms per liter
- mg/l: Milligrams per liter
- U: Analyzed but not detected
- J: Estimated value or limit
- J+: Estimated value or limit biased
- : No limit or not analyzed

Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12	MW-C12
	6/19/2023 Q2 2023	9/11/2023 Q3 2023	12/4/2023 Q4 2023	3/26/2024 Q1 2024	6/17/2024 Q2 2024	9/16/2024 Q3 2024	12/17/2024 Q4 2024	3/24/2025 Q1 2025	6/24/2025 Q2 2025	9/15/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1	1 U	0.41 J	14	0.41 U	0.41 U	0.54 J	12	3.6	1.9	0.54 J
Toluene	5	1 U	1 U	1.5	0.51 U	0.51 U	0.51 U	1.1	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	40	0.74 U	0.74 U	0.74 U	37	1.8	1.2	1 U
M,P-Xylenes	5	2 U	2 U	1 J	0.66 U	0.66 U	0.66 U	2	2 U	2 U	2 U
O-Xylene	5	1 U	1 U	12	0.76 U	0.76 U	0.76 U	16	1.1	1 U	1 U
Xylenes	5	2 U	2 U	13	0.66 U	0.66 U	0.66 U	18	1.1 J	2 U	2 U
BTEX	--	2 U	2 U	69	1 U	1 U	1 U	68	6.5	3.1	2 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	52 J	59	97	42	34	62 J	120	42 J	55	33
Acenaphthylene	--	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	1.4 J	10 U	10 U	10 U
Anthracene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	6.5 J	7.5 J	14	5.3 J	4.5 J	8 J	18	5.2 J	8.4 J	4.2 J
Naphthalene	10	2 U	2 U	2.6	0.54 U	0.54 U	0.54 U	13	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Total PAHs	--	58.5	66.5	113.6	47.3	38.5	70	152.4	47.2	63.4	37.2
Cyanide in mg/l	0.2	0.018 UBJ	0.015 J	0.016 UBJ	0.01	0.013	0.017 J	0.018 UB	0.013	0.01 UBJ	0.0081 J

Footnotes/Qualifiers:

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

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Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

- Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16
	10/1/2020 Q4 2020	3/3/2021 Q1 2021	6/9/2021 Q2 2021	9/8/2021 Q3 2021	12/7/2021 Q4 2021	3/29/2022 Q1 2022	6/29/2022 Q2 2022	9/19/2022 Q3 2022	12/19/2022 Q4 2022	6/24/2025 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1	0.82 J	4 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.5 U
Toluene	5	2 U	4 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	2.5 U
Ethylbenzene	5	2 U	4 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	2.5 U
M,P-Xylenes	5	--	--	--	--	--	4 U	--	--	--	--
O-Xylene	5	--	--	--	--	--	2 U	--	--	--	--
Xylenes	5	4 U	8 U	4 U	4 U	4 U	4 U	3 U	3 U	3 U	2.5 U
BTEX	--	0.82 J	20 U	10 U	10 U	10 U	4 U	6 U	6 U	6 U	8 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.019 J	0.024 J	0.026 J	0.075	0.018 J	0.019 J	0.023	0.084 J	0.019 U	0.1 U
Benzo(a)pyrene	ND	0.05 U	0.025 J	0.05 U	0.028 J	0.05 UJ	0.05 U	0.02 U	0.11 J	0.019 U	0.03 J
Benzo(b)fluoranthene	0.002	0.05 U	0.035 J	0.05 J	0.05 U	0.05 UJ	0.05 U	0.02 U	0.13 J	0.019 U	0.1 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.056	0.05 UJ	0.05 U	0.02 U	0.11 J	0.019 U	0.1 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.055 J	0.019 U	0.1 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 J	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 J	0.019 U	0.1 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.075 J	0.019 U	0.1 U
Acenaphthene	20	23	15	25	16	16	14	13.7	16.4 J	19.7	9.3
Acenaphthylene	--	5.7 U	6 U	6 U	0.39 J	0.33 J	0.5 U	0.22	0.26 J	0.34	0.21
Anthracene	50	9.5 UJ	10 U	10 U	0.17 J	2.6 U	0.5 U	0.044	0.15 J	0.083	0.04 J
Chrysene	0.002	9.5 UJ	10 U	10 U	2.5 U	2.6 U	0.5 U	0.022	0.12 J	0.019 U	0.03 J
Fluoranthene	50	9.5 UJ	10 U	10 U	0.61 J	0.41 J	0.58	0.54	0.39 J	0.26 J	0.28
Fluorene	50	3.1 J	2.7 J	6 J	2.8	2.2 J	2.5	1.6	1.9 J	1.4	0.83
Naphthalene	10	19 U	20 U	20 U	5 U	5.1 U	0.5 U	0.031	0.11 J	0.052 J	0.07 J
Phenanthrene	50	3.8 U	4 U	4 U	1 U	0.33 J	0.5 U	0.1	0.8 J	0.25	0.14
Pyrene	50	9.5 U	10 U	10 U	0.82 J	0.56 J	0.65	0.75	0.6 J	0.43	0.42
Total PAHs	--	26.119	17.784	31.126	20.949	35.848	17.749	17.03	21.23	22.52	11.35
Cyanide in mg/l	0.2	0.009 J	0.1	0.077 J	0.0056 J	0.011	10 U	0.01 UB	0.01 J	0.01 U	0.005

Footnotes/Qualifiers:

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Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16	MW-C16
Sampling Date	6/19/2023	9/11/2023	12/4/2023	3/26/2024	6/17/2024	9/16/2024	12/17/2024	3/24/2025	6/24/2025	9/15/2025	
	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025	
TOGS Class											
GA											
Groundwater Standards											
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>											
Benzene	1	5 U	5 U	2.1 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U	2 U
Toluene	5	5 U	5 U	2.6 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	2 U
Ethylbenzene	5	5 U	5 U	3.7 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U	2 U
m,p-Xylenes	5	10 U	10 U	3.3 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	4 U
o-Xylene	5	5 U	5 U	3.8 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U	2 U
Xylenes	5	10 U	10 U	3.3 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	4 U
BTEX	--	10 U	10 U	5 U	1 U	1 U	1 U	2 U	2 U	2 U	4 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.022 J	0.03 J	0.048 J	0.016 U	0.029 J	0.038 J	0.041 J	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.024 J	0.022 U	0.022 U	0.022 U	0.22	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.024 J	0.031 J	0.024 U	0.024 U	0.024 U	0.033 J	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.21	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 J	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.24	0.05 U	0.05 U	0.05 U
Acenaphthene	20	8 J	7.9 J	10	12	3.1 J	9.2 J	21	7.9 J	6 J	6.8 J
Acenaphthylene	--	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	10 UJ	10 U	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Total PAHs	--	8.022	7.954	10.123	12	3.129	9.238	21.534	7.9	6	6.8
Cyanide in mg/l	0.2	0.015 UBJ	0.018 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0061 J	0.01 UB	0.0047 J	0.01 UBJ	0.01 U

Footnotes/Qualifiers:

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

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Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-28S ^{note 1}	MW-28S ^{note 1}	MW-28S ^{note 1}	MW-28S ^{note 1}	MW-28S ^{note 1}	MW-13S	MW-13S	MW-13S	MW-13S	MW-13S
	10/1/2020 Q4 2020	3/3/2021 Q1 2021	6/9/2021 Q2 2021	9/8/2021 Q3 2021	12/7/2021 Q4 2021	3/30/2022 Q1 2022	6/29/2022 Q2 2022	9/19/2022 Q3 2022	3/22/2023 Q1 2023	6/19/2023 Q2 2023
TOGS Class GA Groundwater Standards										
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>										
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2	0.5 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1.8	2.5 U	1 U
M,P-Xylenes	5	--	--	--	--	--	2 U	--	2.5 U	2 U
O-Xylene	5	--	--	--	--	--	1 U	--	2.5 U	1 U
Xylenes	5	3 U	2 U	2 U	2 U	2 U	2 U	3 U	2.5 U	2 U
BTEX	--	6 U	5 U	5 U	5 U	5 U	2 U	6 U	3.8	8 U
<u>Semivolatile Organic Compounds in ug/l</u>										
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.021 U	0.02 U	0.1 U
Acenaphthene	20	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.031	0.02 U	0.1 U
Acenaphthylene	--	0.29 U	0.3 U	0.3 U	0.51 U	0.33 U	0.5 U	0.021 U	0.02 U	0.1 U
Anthracene	50	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.021 U	0.02 U	0.1 U
Chrysene	0.002	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.021 U	0.02 U	0.1 U
Fluoranthene	50	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.021 U	0.02 U	0.1 U
Fluorene	50	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.021 U	0.02 U	0.1 U
Naphthalene	10	0.96 U	1 U	1 U	1 U	1.1 U	0.5 U	0.021 U	0.02 U	0.1 U
Phenanthrene	50	0.19 U	0.2 U	0.2 U	0.2 U	0.22 U	0.5 U	0.021 U	0.02 U	0.1 U
Pyrene	50	0.48 U	0.5 U	0.5 U	0.51 U	0.54 U	0.5 U	0.021 U	0.02 U	0.1 U
Total PAHs	--	0	0	0	0	0	0	0.031	0	0
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.009 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0088 UBJ

Footnotes/Qualifiers:

ug/l: Micrograms per liter

mg/l: Milligrams per liter

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Exceeded TOGs GW standard

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Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-13S 9/12/2023 Q3 2023	MW-13S 12/4/2023 Q4 2023	MW-13S 3/26/2024 Q1 2024	MW-13S 6/17/2024 Q2 2024	MW-13S 9/16/2024 Q3 2024	MW-13S 12/17/2024 Q4 2024	MW-13S 3/24/2025 Q1 2025	MW-13S 6/24/2025 Q2 2025	MW-13S 9/16/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes</u> (BTEX) in ug/l	TOGS Class GA Groundwater Standards									
Benzene	1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	0.51 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	0.74 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U
O-Xylene	5	1 U	0.76 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U	1 U
Xylenes	5	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U
BTEX	--	2 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>										
Benzo(a)anthracene	0.002	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.3	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.29	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.31	0.05 U	0.05 U	0.05 U
Acenaphthene	20	2.4 J	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U	10 U
Acenaphthylene	--	1.8 J	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
Anthracene	50	2 J	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	1.3 J	0.91 U	0.91 U	0.91 UJ	0.91 UJ	2 U	2 U	2 U	2 U
Fluoranthene	50	2.2 J	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	2.2 J	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 J	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U
Phenanthrene	50	2.8 J	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Pyrene	50	1.8 J	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Total PAHs	--	18.5	0	0	0	0	0.9	0	0	0
Cyanide in mg/l	0.2	0.0074 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0041 UJ	0.01 U	0.01 U	0.01 UBJ	0.01 U

Footnotes/Qualifiers:

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U: Analyzed but not detected

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Exceeded TOGs GW standard

Q3 2025 Data not validated as of 10/6/2025

Notes:

1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S
	9/30/2020 Q4 2020	3/4/2021 Q1 2021	6/8/2021 Q2 2021	9/9/2024 Q3 2021	12/8/2021 Q4 2021	3/31/2022 Q1 2022	6/30/2022 Q2 2022	9/21/2022 Q3 2022	12/20/2022 Q4 2022	3/23/2023 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1	24	1 U	1 U	1 U	1 U	1 U	1 U	13.4	1 U	0.5 U
Toluene	5	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	2.5 U
Ethylbenzene	5	11	1 U	1 U	1 U	1 U	1 U	1 U	10.6	1 U	2.5 U
M,P-Xylenes	5	--	--	--	--	--	--	2 U	--	--	2.5 U
O-Xylene	5	--	--	--	--	--	1 U	--	--	--	2.5 U
Xylenes	5	9.2 J	2 U	2 U	2 U	2 U	2 U	3 U	5.6	3.8	2.5 U
BTEX	--	44.2 J	5 U	5 U	5 U	5 U	2 U	6 U	29.6	5.5	8 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.046 J	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.02 U	0.1 U
Benzo(a)pyrene	ND	0.05 U	0.037 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.02 U	0.1 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.02 U	0.02 U	0.1 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.02 U	0.02 U	0.1 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.02 U	0.02 U	0.1 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.02 U	0.02 U	0.1 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.02 U	0.02 U	0.1 U
Acenaphthene	20	3.2	0.5 U	0.48 U	0.048 J	0.52 U	0.5 U	0.019 U	1.4	0.02 U	0.1 U
Acenaphthylene	--	0.29 U	0.13 J	0.29 U	0.3 U	0.31 U	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Anthracene	50	0.48 U	0.052 J	0.48 U	0.5 U	0.52 U	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Chrysene	0.002	0.48 U	0.16 J	0.48 U	0.5 U	0.52 U	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Fluoranthene	50	0.48 U	0.19 J	0.48 U	0.5 U	0.52 U	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Fluorene	50	0.095 J	0.5 U	0.48 U	0.5 U	0.52 U	0.5 U	0.019 U	0.021	0.02 U	0.1 U
Naphthalene	10	0.83 J	1 U	0.068 J	0.097 J	1 U	0.5 U	0.019 U	0.22	0.02 U	0.1 U
Phenanthrene	50	0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Pyrene	50	0.48 U	0.29 J	0.48 U	0.5 U	0.1 J	0.5 U	0.019 U	0.02 U	0.02 U	0.1 U
Total PAHs	--	4.125	0.905	0.068	0.145	0.1	0	0	1.641	0	0
Cyanide in mg/l	0.2	0.092	1.3	0.06 J	0.47	0.38	0.43	0.56	0.104	1.1	0.37

Footnotes/Qualifiers:
 ug/l: Micrograms per liter
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Notes:
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Table 1
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Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S
	6/20/2023 Q2 2023	9/12/2023 Q3 2023	12/4/2023 Q4 2023	3/27/2024 Q1 2024	6/18/2024 Q2 2024	9/18/2024 Q3 2024	12/18/2024 Q4 2024	3/25/2025 Q1 2025	6/25/2025 Q2 2025	9/17/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1 U	0.85 J	0.41 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U	1 U	11
Toluene	5 U	1 U	0.51 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5 U	1 U	0.74 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U	1.6
M,P-Xylenes	5 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U	2 U
O-Xylene	5 U	1 U	0.76 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U	1 U	2.3
Xylenes	5 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U	2.3 U
BTEX	--	2 U	2 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	15
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.041 J	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.019 J	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.026 J	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.034 J	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.035 J	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.035 J	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.039 J	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	10 UJ	10 UJ	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U	2.1 J
Acenaphthylene	--	10 U	10 UJ	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 UJ	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 UJ	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 UJ	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	10 UJ	10 UJ	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 UJ	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 UJ	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 UJ	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Total PAHs	--	0	0	0.21	0	0	0	0	0	0.019	2.1
Cyanide in mg/l	0.2	0.58 J	0.69 J	0.96 J	0.39	0.71	0.0041 UJ	0.58	0.37	0.54	0.038

Footnotes/Qualifiers:
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Notes:
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Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S
	9/30/2020 Q4 2020	3/4/2021 Q1 2021	6/9/2021 Q2 2021	9/9/2021 Q3 2021	12/9/2021 Q4 2021	3/31/2022 Q1 2022	6/30/2022 Q2 2022	9/20/2022 Q3 2022	12/20/2022 Q4 2022	3/23/2023 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes</u> (BTEX) in ug/l	TOGS Class GA Groundwater Standards										
Benzene	1.5 J	2 U	1.1 J	1.4 J	4 U	4 U	2.5	1 U	1.5	1.4	
Toluene	2 U	2 U	1.3 J	2 U	4 U	4 U	3	1 U	1.2	2.3 J	
Ethylbenzene	65	26	27	26	20	8.7	103	21.9	60.5	69	
M,P-Xylenes	--	--	--	--	--	8 U	--	--	--	36	
O-Xylene	--	--	--	--	--	7.9 J	--	--	--	10	
Xylenes	38	16	22	20	9.8	7.9 J	69.2	14.2	41	46	
BTEX	--	104.5	42	51.4	47.4	40	16.6	177.7	36.1	104.2	118.7
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.089	0.05 U	0.067 J	0.05 U	0.048 J	0.084	0.096	0.044 J	0.035	0.15 J
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.048 J	0.019 U	0.02 UJ	0.019 U	0.5 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051	0.019 U	0.02 UJ	0.019 U	0.5 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.055	0.019 U	0.02 UJ	0.019 U	0.5 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.048 J	0.019 U	0.02 UJ	0.019 U	0.5 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.055	0.019 U	0.02 UJ	0.019 U	0.5 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.072	0.019 U	0.02	0.019 U	0.5 U
Acenaphthene	20	98	82	58	78	74	55	81	35.4 J	67	70
Acenaphthylene	--	1.9	15 U	15 U	3 U	6 U	0.96	1.5	0.54 J	0.99	1.5
Anthracene	50	6.5	3.5 J	5.8 J	5.7	3.9 J	2.4	3.9	2 J	3.2	3.8
Chrysene	0.002	8.19 J	25 U	25 U	5 U	10 U	0.5 U	0.096	0.045 J	0.037	0.06 J
Fluoranthene	50	3	25 U	25 U	2.5 J	2.4 J	1.6	2	0.84 J	1.1	1.5
Fluorene	50	26	17 J	17 J	21	17	13	19.8	9 J	16.2	19
Naphthalene	10	340	230	14 J	5.2 J	95	0.5 U	48.4	35 J	37.6	130
Phenanthrene	50	26	15	22	22	20	3	16.7	8.5 J	13.5 J	17
Pyrene	50	4.4	25 U	25 U	3.2 J	2.7 J	2.2	2.9 J	1.3 J	1.4 J	2
Total PAHs	--	514.079	347.55	116.867	137.6	215.048	78.573	176.392	92.689	141.062	245.01
Cyanide in mg/l	0.2	0.01 U	0.005 J	0.0072 J	0.0052 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005

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Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	
	6/19/2023 Q2 2023	9/13/2023 Q3 2023	12/5/2023 Q4 2023	3/27/2024 Q1 2024	6/18/2024 Q2 2024	9/17/2024 Q3 2024	12/17/2024 Q4 2024	3/24/2025 Q1 2025	6/24/2025 Q2 2025	9/16/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	2.1	1.8 J	0.82 U	1.2 J	1.5 J	2.3	0.88 J	0.78 J	1.3	1.5	
Toluene	2.5	2 U	1 U	1 U	0.51 U	0.51 U	1 U	1.3	1.4	1.3	
Ethylbenzene	69	55	11	34	20	34	19	39	41	82	
M,P-Xylenes	9.1	6.1	2 J	5	3.2	4.7	3.8	7.1	7.9	12	
O-Xylene	41	27	7.6	19	15	18	11	21	25	37	
Xylenes	50	33	9.6	24	18	23	15	28	33	49	
BTEX	--	120	90	21	59	40	59	35	69	77	130
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.09	0.05 U	0.03 J	0.067 J	0.11	0.13	0.084	0.052 J	0.043 J	0.070 J
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.24	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.052	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.24	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.061	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 J	0.02 U	0.038 J	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.24	0.05 U	0.05 U	0.05 U
Acenaphthene	20	51 J	72	4.8 J	56	59	58 J	53	48 J	7.5 J	59
Acenaphthylene	--	0.97 J	2.7 J	0.82 U	1.2 J	1.1 J	1.2 J	3.2 J	10 U	10 U	1.1 J
Anthracene	50	2.9 J	3.6 J	1.3 U	2.7 J	3.4 J	3.3 J	2.7 J	2.9 J	1.5 J	3.3 J
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 U	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	1.4 J	1.8 J	0.84 U	1 J	1.6 J	1.5 J	1.2 J	0.89 J	1.2 J	1.4 J
Fluorene	50	14 J	19	0.91 U	14	16	15	15	14 J	5.6 J	15 J
Naphthalene	10	2 U	0.75 J	0.54 U	130 J	62 J	0.54 U	0.71 J	130 J	2 U	290
Phenanthrene	50	9.1 J	16	1.3 U	13	14	12 J	12	13 J	10 U	16
Pyrene	50	2.3 J	2.1 J	1.6 U	1.6 U	2.1 J	1.8 J	10 U	10 U	10 U	1.8 J
Total PAHs	--	81.76	117.95	4.83	217.967	159.33	92.93	88.765	208.842	15.843	387.670
Cyanide in mg/l	0.2	0.014 UBJ	0.005 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0044 J	0.013 UB	0.0051 J	0.01 UBJ	0.01 U

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Notes:
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Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	
	9/30/2020 Q4 2020	3/4/2021 Q1 2021	6/8/2021 Q2 2021	9/9/2021 Q3 2021	12/7/2021 Q4 2021	3/30/2022 Q1 2022	6/30/2022 Q2 2022	9/21/2022 Q3 2022	12/20/2022 Q4 2022	3/23/2023 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	720	1200	1200	550 J	960	1400	313	278	464	980	
Toluene	20 U	32	65	20 U	12	37	3.8	1.4	4.4	24 J	
Ethylbenzene	790	970	1200	550	810	1300	355	256	450	770	
M,P-Xylenes	--	--	--	--	--	270	--	--	--	230	
O-Xylene	--	--	--	--	--	390	--	--	--	160	
Xylenes	210	440	580	170	370	660	138	61.8	139	390	
BTEX	1720	2642	3045	1270	2152	3397	806	597.2	1057.4	2164	
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.41	5.4	2.5 J	2.1	4.8 J	2.2	0.97	0.21	1.2	3.4
Benzo(a)pyrene	ND	0.32	6.1	2.8	2.5 J	5.4 J	2.2	0.85	0.14	1	3.4
Benzo(b)fluoranthene	0.002	0.26	3.4	1.8	1.5	4 J	1.4	0.51	0.093	0.64	2.3
Benzo(ghi)perylene	--	0.15	2.6	1.1	0.95	2.4 J	0.81	0.28	0.048	0.35	1.1
Benzo(k)fluoranthene	0.002	0.093	1.8 J	0.95	0.83	2.6 J	0.6	0.37	0.046	0.31	0.92
Dibenzo(a,h)anthracene	--	0.045 J	0.95	0.34	0.29	0.58 J	0.28	0.1	0.02 U	0.11	0.38
Indeno(1,2,3-cd)pyrene	0.002	0.015	2.7	1.1	0.85	2.1 J	0.78	0.23	0.037	0.27	1.1
Acenaphthene	20	43	89 J	75 J	61	85	72	39.8	22.6	36.5	50
Acenaphthylene	--	2.8 J	12 J	57 U	30 U	8.6 J	3.3	1.7	0.79	1.9	4.4
Anthracene	50	2.2 J	8.2 J	95 U	6.5 J	56 U	3.1	2.2	0.8	2.2	2.8
Chrysene	0.002	1.9 J	100 U	95 U	50 U	56 U	0.52	0.9	0.19	1.1	3.1
Fluoranthene	50	2.3 J	100 U	95 U	50 U	56 U	2.3	1.6	0.53	2.1	3.6
Fluorene	50	9.7	20 J	16 J	14 J	19 J	17	9.8	4.2	9	13
Naphthalene	10	1100	2500	2200	890	1700	2300	158	240	657	1400
Phenanthrene	50	7.6	14 J	38 U	20 U	22 U	12	6.5	2.8	9.3	11
Pyrene	50	3.8 J	22 J	95 U	50 U	14 J	3.6	2.7	0.99	3.1	6.2
Total PAHs	--	1174.59	2688.15	2301.59	980.52	1848.48	2418.99	226.51	273.474	725.97	1506.7
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.012 J+	0.01 U	0.0066 J	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U

Footnotes/Qualifiers:
 ug/l: Micrograms per liter
 mg/l: Milligrams per liter
 U: Analyzed but not detected
 J: Estimated value or limit
 J+: Estimated value or limit biased
 --: No limit or not analyzed

Exceeded TOGs GW standard
 Q3 2025 Data not validated as of 10/6/2025

Notes:
 1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S
Sampling Date	6/20/2023	9/13/2023	12/5/2023	3/27/2024	6/18/2024	9/18/2024	12/18/2024	3/25/2025	6/25/2025	9/17/2025	
	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>											
TOGS Class GA Groundwater Standards											
Benzene	220	160	580 DJ	1100	220 J	160	560	710	760	470	
Toluene	4.4 J	5 U	4.7 J	24	2.6 U	2.6 J	10 U	5.7 J	13	10 U	
Ethylbenzene	280	210	430	950	250	200	350	500	720	290	
M,P-Xylenes	17	20	33	170	19	24	13 J	49	80	100	
O-Xylene	71	53	100	290	72	65	65	130	220	100	
Xylenes	88	73	130	460	91	89	78	180	300	200	
BTEX	--	590	440	1200 D	2500	560	450	990	1400	1800	960
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.4	0.74	4	0.27 J	0.69	3.5 J	1.2	1.1 J	0.17	0.57
Benzo(a)pyrene	ND	0.23	0.64	4.5 J	0.11 J	0.72	3.9 J	1.1	0.9 J	0.094	0.28
Benzo(b)fluoranthene	0.002	0.13	0.35	2.7	0.073 J	0.41	2.8	0.8	0.66 J	0.069	0.2
Benzo(ghi)perylene	--	0.082	0.22	1.4	0.036 J	0.26	1.2	0.37	0.28 J	0.05 U	0.097 U
Benzo(k)fluoranthene	0.002	0.05	0.21	1	0.033 J	0.18	1	0.28	0.14 J	0.031 J	0.090
Dibenzo(a,h)anthracene	--	0.034 J	0.062	0.51	0.02 U	0.066 J	0.33	0.13	0.1 J	0.05 U	0.042 J
Indeno(1,2,3-cd)pyrene	0.002	0.078	0.24	1.3	0.036 U	0.23	1.3 J	0.34	0.31 J	0.05 U	0.11
Acenaphthene	20	29 J	27	46 J	45	19	9.2 J	40	21 J	33	44
Acenaphthylene	--	1.1 J	0.87 J	4.1 U	1.7 J	5.3 J	2.2 J	1.7 J	0.98 J	1.1 J	2.6 J
Anthracene	50	1.7 J	2.1 J	6.5 U	2 J	1.7 J	1.3 J	2.7 J	1.3 J	1.5 J	6.2 J
Chrysene	0.002	2 UJ	2 U	4.5 U	0.91 U	0.91 U	2.9	1.1 J	2 U	2 U	2 U
Fluoranthene	50	1 J	1.3 J	4.2 U	0.89 J	1.2 J	2.7 J	2.2 J	1.1 J	10 U	3 J
Fluorene	50	7.7 J	8.6 J	14 J	12	7.2 J	4 J	11	5.7 J	8.7 J	16 J
Naphthalene	10	98 J	2 U	180	960 DJ	0.54 U	0.64 J	300 D	470 D	930 D	440
Phenanthrene	50	7.5 J	7.5 J	13 J	9.7 J	5 J	1.5 J	11	5.6 J	7.2 J	7.2 J
Pyrene	50	1.7 J	2.1 J	8.2 U	1.6 U	1.6 U	4.4 J	3.4 J	2.1 J	10 U	10 U
Total PAHs	--	148.704	51.932	268.41	1031.81	41.956	42.87	377.32	511.27	981.864	520.292
Cyanide in mg/l	0.2	0.0099 UBJ	0.0041 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0041 UJ	0.01 U	0.01 U	0.01 UBJ	0.01 UBJ

Footnotes/Qualifiers:
 ug/l: Micrograms per liter
 mg/l: Milligrams per liter
 U: Analyzed but not detected
 J: Estimated value or limit
 J+: Estimated value or limit biased
 --: No limit or not analyzed

Exceeded TOGs GW standard
 Q3 2025 Data not validated as of 10/6/2025

Notes:
 1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	
	9/30/2020 Q4 2020	3/3/2021 Q1 2021	6/8/2021 Q2 2021	9/10/2021 Q3 2021	12/8/2021 Q4 2021	3/31/2022 Q1 2022	6/30/2022 Q2 2022	9/21/2022 Q3 2022	12/20/2022 Q4 2022	3/23/2023 Q1 2023	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	69	35	41	36	56	67	64.8	27.4	26.6	35	
Toluene	2 U	2 U	1 U	1 U	1 U	4 U	1 U	1 U	1 U	2.5 U	
Ethylbenzene	26	39	25	23	25	57	18.7	14.6	15.1	20	
M,P-Xylenes	--	--	--	--	--	6.2 J	--	--	--	11	
O-Xylene	--	--	--	--	--	22	--	--	--	1.9 J	
Xylenes	18	18	12	16	19	28.2	16.6	12	12.3	12.9 J	
BTEX	113	92	78	75	100	152.2	100.1	54	54	67.9	
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.019 J	0.043 J	0.054	0.016 U	0.035 J	0.05 U	0.044	0.048	0.023	0.04 J	
Benzo(a)pyrene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.1 U	
Benzo(b)fluoranthene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.1 U	
Benzo(ghi)perylene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.1 U	
Benzo(k)fluoranthene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.1 U	
Dibenzo(a,h)anthracene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.1 U	
Indeno(1,2,3-cd)pyrene	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.037	0.02 U	0.1 U	
Acenaphthene	41 J	33	36	33	43	31	27	30.5	24.6	18	
Acenaphthylene	1.5	1.4	1.3 J	0.66 J	1.3 J	0.97	0.94	0.84	0.57	0.51	
Anthracene	1.4	1.4	1.7 J	1.3 J	1.5 J	1.2	1.3	1.2	0.86	0.6	
Chrysene	0.48 U	0.5 U	4.8 U	5 U	5.1 U	0.5 U	0.044	0.049	0.021	0.02 J	
Fluoranthene	0.72	0.61	0.8 J	0.88 J	5.1 U	0.57	0.56	0.53	0.37	0.28 U	
Fluorene	3.9	4	3.7 J	4.4 J	4.7 J	3	3.1	4.2	2.4	1.4 J	
Naphthalene	91	44	49	10 U	140	32	92.8	240	23.5	16	
Phenanthrene	4.6	5.1	5.5	3.1	5.4	3.8	4.2	2.8	2.7	2 J	
Pyrene	0.9	0.76	0.83 J	0.94 J	0.83 J	0.65	0.77	0.99	0.47	0.37 U	
Total PAHs	145.039	90.313	98.884	44.28	196.765	73.19	130.758	281.194	55.514	38.57	
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.01 U	0.01 U	0.0054 J	0.01 U	0.01 UB	0.01 U	0.01 U	0.002 J

Footnotes/Qualifiers:
 ug/l: Micrograms per liter
 mg/l: Milligrams per liter
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 J+: Estimated value or limit biased
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Exceeded TOGs GW standard
 Q3 2025 Data not validated as of 10/6/2025

Notes:
 1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

Table 1
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Quarterly Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S
	6/19/2023 Q2 2023	9/13/2023 Q3 2023	12/5/2023 Q4 2023	3/27/2024 Q1 2024	6/18/2024 Q2 2024	9/18/2024 Q3 2024	12/18/2024 Q4 2024	3/25/2025 Q1 2025	6/25/2025 Q2 2025	6/25/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards										
Benzene	1	26	34	26	41	38 J	36	27	38	37	67
Toluene	5	1 U	1 U	0.51 U	0.52 J	0.51 U	0.51 U	1 U	0.61 J	1 U	1 U
Ethylbenzene	5	14	14	11	22	12	10	10	32	12	7.2
M,P-Xylenes	5	1.4 J	2.9	4.4	2.9	2	5.1	5.8	6.2	2.7	4.4
O-Xylene	5	8.3	14	14	16	11	17	13	19	15	11
Xylenes	5	9.7	17	18	19	13	22	19	25	18	15
BTEX	--	50	65	55	82	63	68	56	96	67	90
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.042 J	0.054	0.043 J	0.016 U	0.053	0.049 J	0.05 U	0.045 J	0.022 J	0.022 J
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.029 J	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.055 J	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	25 J	35	21	20	23	26 J	26	18 J	18	17
Acenaphthylene	--	10 U	0.85 J	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 U	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	1.9 J	3.2 J	2.3 J	1.6 J	2.1 J	3.1 J	3.4 J	1.9 J	1.5 J	2.2 J
Naphthalene	10	27 J	120	27	47 J	73	110	130	84 J	61	69
Phenanthrene	50	2.9 J	4.3 J	2.8 J	2.6 J	2.8 J	3.7 J	3.9 J	2.6 J	2.3 J	2.6 J
Pyrene	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Total PAHs	--	56.842	163.404	53.143	71.2	100.953	142.849	163.3	106.629	82.822	90.822
Cyanide in mg/l	0.2	0.0091 UBJ	0.0093 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0051 UBJ	0.01 UB	0.01 U	0.01 UBJ	0.01 U

Footnotes/Qualifiers:
 ug/l: Micrograms per liter
 mg/l: Milligrams per liter
 U: Analyzed but not detected
 J: Estimated value or limit
 J+: Estimated value or limit biased
 --: No limit or not analyzed

Exceeded TOGs GW standard
 Q3 2025 Data not validated as of 10/6/2025

Notes:
 1. Upgradient well MW-28S was decommissioned in December 2022 and was replaced by MW-13S in the sampling plan.

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S	MW-24S
	10/1/2020 Q4 2020	3/3/2021 Q1 2021	6/9/2021 Q2 2021	9/8/2021 Q3 2021	12/7/2021 Q4 2021	3/30/2022 Q1 2022	6/29/2022 Q2 2022	9/20/2022 Q3 2022	12/20/2022 Q4 2022	9/12/2023 Q3 2023	9/15/2024 Q3 2024	9/16/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards												
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U
Toluene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U
Ethylbenzene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.74 U	1 U
M,P-Xylenes	--	--	--	--	--	--	2 U	--	--	--	2 U	0.66 U	2 U
O-Xylene	--	--	--	--	--	--	1 U	--	--	--	1 U	0.76 U	1 U
Xylenes	5 U	3 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	3 U	2 U	0.66 U	1 U
BTEX	--	6 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	6 U	2 U	1 U	1 U
<u>Semivolatile Organic Compounds in ug/l</u>													
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.024 J	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.019 U	0.019 U	0.02 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.046 J	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.019 U	0.12	10 UJ	1.1 U	10 U
Acenaphthylene	--	0.29 U	0.3 U	0.3 UJ	0.29 U	0.29 U	0.5 UJ	0.019 U	0.019 U	0.02 U	10 UJ	0.82 U	10 U
Anthracene	50	0.48 U	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.019 U	0.02 U	10 UJ	1.3 U	10 U
Chrysene	0.002	0.48 U	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.019 U	0.02 U	2 UJ	0.91 U	2 U
Fluoranthene	50	0.48 U	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.02	0.02 U	10 UJ	0.84 U	10 U
Fluorene	50	0.48 U	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.019 U	0.02 U	10 UJ	0.91 U	10 U
Naphthalene	10	0.96 U	1 U	1 J	0.95 U	0.98 U	0.5 J	0.019 U	0.019 U	0.02 U	2.1 J	0.54 U	2 U
Phenanthrene	50	0.19 U	0.2 U	0.2 UJ	0.19 U	0.2 U	0.5 UJ	0.019 U	0.019 U	0.02 U	10 UJ	1.3 U	10 U
Pyrene	50	0.48 U	0.5 U	0.5 UJ	0.48 U	0.49 U	0.5 UJ	0.019 U	0.021	0.02 U	10 UJ	1.6 U	10 U
Total PAHs	--	0.046	0.524	1	0	0	0	0	0.02	0.012	2.1	0	0
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.0091 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0058 UBJ	0.0066 UBJ	0.01 U

Footnotes/Qualifiers:

Exceeded TOGS GW standard

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

J+: Estimated value or limit biased high

UB: Non-detect based on blank

--: No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	MW-25S	
Sampling Date	10/1/2020	3/4/2021	6/9/2021	9/8/2021	12/8/2021	3/30/2022	6/30/2022	9/20/2022	9/12/2023	9/17/2024	9/16/2025	MW-25S	
	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q3 2022	Q3 2023	Q3 2024	Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards												
Benzene	1 U	0.5 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U	
Toluene	5	1 U	0.3 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0.51 U	1 U	
Ethylbenzene	5	1 U	0.3 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	0.74 U	1 U	
M,P-Xylenes	5	--	--	--	--	--	1 U	U	U	2 U	0.66 U	2 U	
O-Xylene	5	--	--	--	--	--	2 U	U	U	1 U	0.76 U	1 U	
Xylenes	5	3 U	0.5 U	1 U	2 U	4 U	2 U	3 U	3 U	2 U	0.66 U	2 U	
BTEX	--	5 U	1.6 U	4 U	5 U	10 U	2 U	6 U	6 U	2 U	1 U	2 U	
<u>Semivolatile Organic Compounds in ug/l</u>													
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.019 U	0.019 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	10 UJ	1.1 U	10 U	
Acenaphthylene	--	0.29 U	0.5 U	0.3 U	0.29 U	0.3 U	0.5 U	0.019 U	0.019 U	10 UJ	0.82 U	10 U	
Anthracene	50	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	10 UJ	1.3 U	10 U	
Chrysene	0.002	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	2 UJ	0.91 U	2 U	
Fluoranthene	50	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	0.88 J	0.84 U	10 U	
Fluorene	50	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	10 UJ	0.91 U	10 U	
Naphthalene	10	0.95 U	1 U	0.97 U	0.49 U	1 U	0.5 U	0.019 U	0.019 U	1.4 J	0.54 U	2 U	
Phenanthrene	50	0.19 U	0.2 U	0.19 U	0.49 U	0.2 U	0.5 U	0.019 U	0.019 U	10 UJ	1.3 U	10 U	
Pyrene	50	0.48 U	0.5 U	0.49 U	0.49 U	0.51 U	0.5 U	0.019 U	0.019 U	10 UJ	1.6 U	10 U	
Total PAHs	--	0	0	0	0	0	0	0	0	2.28	0	0	
Cyanide in mg/l	0.2	0.026	0.026	0.015	0.021	0.022	0.01 U	0.01 U	0.01 U	0.022 UBJ	0.022 UBJ	0.0058 UBJ	

Footnotes/Qualifiers:

Exceeded TOGs GW standard

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

J+: Estimated value or limit biased hig

UB: Non-detect based on blank

--: No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S
Sampling Date	9/30/2020	3/4/2021	6/8/2021	9/10/2021	12/8/2021	3/31/2022	6/30/2022	9/20/2022	9/13/2023	9/17/2024	9/16/2025	
	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q3 2023	Q3 2024	Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards											
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.74 U	1 U
M,P-Xylenes	5	--	--	--	--	--	2 U	--	--	2 U	0.66 U	2 U
O-Xylene	5	--	--	--	--	--	1 U	--	--	1 U	0.76 U	1 U
Xylenes	5	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	2 U	0.66 U	2 U
BTEX	--	5 U	5 U	5 U	5 U	2 U	2 U	6 U	6 U	2 U	1 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>												
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 UJ	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 UJ	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 UJ	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 UJ	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 UJ	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.022 U	0.02 UJ	10 U	1.1 U	10 U
Acenaphthylene	--	0.29 U	0.3 U	0.29 U	0.3 U	0.31 U	0.5 U	0.02 U	0.02 UJ	10 U	0.82 U	10 U
Anthracene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.02 U	0.02 UJ	10 U	1.3 U	10 U
Chrysene	0.002	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.02 U	0.02 UJ	2 U	0.91 U	2 U
Fluoranthene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.02 U	0.02 UJ	10 U	0.84 U	10 U
Fluorene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.02 U	0.02 UJ	10 U	0.91 U	10 U
Naphthalene	10	0.95 U	1 U	0.95 U	1 U	1 U	0.5 U	0.08 U	0.41 J	2 U	0.54 U	2 U
Phenanthrene	50	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.5 U	0.02 U	0.02 UJ	10 U	1.3 U	10 U
Pyrene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.51 U	0.5 U	0.02 U	0.02 UJ	10 U	1.6 U	10 U
Total PAHs	--	0	0	0	0	0	0	0	0.41	0	0	0
Cyanide in mg/l	0.2	0.006 J	0.01 U	0.01 U	0.01 U	0.005 J	0.01 U	0.01 U	0.01 U	0.0042 UBJ	0.0041 UJ	0.01 U

Footnotes/Qualifiers:

- Exceeded TOGs GW standard**
- ug/l: Micrograms per liter
- mg/l: Milligrams per liter
- U: Analyzed but not detected
- J: Estimated value or limit
- J+: Estimated value or limit biased high
- UB: Non-detect based on blank
- : No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
	9/30/2020 Q4 2020	3/4/2021 Q1 2021	6/8/2021 Q2 2021	9/8/2021 Q3 2021	12/7/2021 Q4 2021	3/30/2022 Q1 2022	6/30/2022 Q2 2022	9/21/2022 Q3 2022	12/20/2022 Q4 2022	9/12/2023 Q3 2023	9/17/2024 Q3 2024	9/16/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards												
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.74 U	1 U
M,P-Xylenes	5	--	--	--	--	--	--	--	--	--	--	2 U	0.66 U
O-Xylene	5	--	--	--	--	--	--	--	--	--	--	1 U	0.76 U
Xylenes	5	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	3 U	2 U	0.66 U	2 U
BTEX	--	5 U	5 U	5 U	5 U	5 U	5 U	6 U	6 U	6 U	2 U	1 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>													
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 UJ	0.02 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.48 U	0.5 U	0.48 U	0.48 U	0.25 J	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	1.1 U	10 U
Acenaphthylene	--	0.29 U	0.3 U	0.48 U	0.29 U	0.33 J	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	0.82 U	10 U
Anthracene	50	0.48 U	0.5 U	0.48 U	0.48 U	0.095 J	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	1.3 U	10 U
Chrysene	0.002	0.48 U	0.5 U	0.48 U	0.48 U	0.54 U	0.5 U	0.02 U	0.02 UJ	0.02 U	2 UJ	0.91 U	2 U
Fluoranthene	50	0.48 U	0.5 U	0.48 U	0.48 U	0.11 J	0.5 U	0.02 U	0.02 UJ	0.02 U	1.3 J	0.84 U	10 U
Fluorene	50	0.48 U	0.5 U	0.48 U	0.48 U	0.11 J	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	0.91 U	10 U
Naphthalene	10	0.1 J	1 U	0.22 J	0.95 U	1.1 U	0.5 U	0.027	0.083 J	0.02 U	2 UJ	0.54 U	2 U
Phenanthrene	50	0.19 U	0.2 U	0.19 U	0.19 U	0.27	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	1.3 U	10 U
Pyrene	50	0.48 U	0.5 U	0.48 U	0.48 U	0.12 J	0.5 U	0.02 U	0.02 UJ	0.02 U	10 UJ	1.6 U	10 U
Total PAHs	--	0.1	0	0.22	0	0.955	0	0.027	0.083	0	1.3	0	0
Cyanide in mg/l	0.2	0.007 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0076 J	0.0041 UJ	0.01 U

Footnotes/Qualifiers:

Exceeded TOGS GW standard

- ug/l: Micrograms per liter
- mg/l: Milligrams per liter
- U: Analyzed but not detected
- J: Estimated value or limit
- J+: Estimated value or limit biased hig
- UB: Non-detect based on blank
- : No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40
	9/30/2020 Q4 2020	3/4/2021 Q1 2021	6/8/2021 Q2 2021	9/9/2021 Q3 2021	12/8/2021 Q4 2021	3/30/2022 Q1 2022	6/30/2022 Q2 2022	9/20/2022 Q3 2022	12/20/2022 Q4 2022	9/17/2025 Q3 2023	9/18/2024 Q3 2024	9/17/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards												
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U
Toluene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U
Ethylbenzene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.74 U	1 U
M,P-Xylenes	--	--	--	--	--	--	2 U	--	--	--	2 U	0.66 U	2 U
O-Xylene	5 U	--	--	--	--	--	1 U	--	--	--	1 U	0.76 U	1 U
Xylenes	5 U	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	3 U	2 U	0.66 U	2 U
BTEX	--	5 U	5 U	5 U	5 U	5 U	2 U	5 U	6 U	6 U	2 U	1 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>													
Benzo(a)anthracene	0.002 U	0.048 U	0.05 U	0.05 UJ	0.05 U	0.037 J	0.024 J	0.02 U	0.02 U	0.02 U	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.029 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002 U	0.048 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.048 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002 U	0.048 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.048 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.025 J	0.02 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002 U	0.048 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	1.1 U	10 U
Acenaphthylene	--	0.29 U	0.5 U	0.29 U	0.3 U	0.3 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	0.82 U	10 U
Anthracene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	1.3 U	10 U
Chrysene	0.002 U	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	2 UJ	0.91 U	2 U
Fluoranthene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	0.84 U	10 U
Fluorene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	0.91 U	10 U
Naphthalene	10	0.61 J	1 U	0.95 U	0.25 J	1 U	0.5 U	0.088	0.02 U	0.02 U	2 UJ	0.54 U	2 U
Phenanthrene	50	0.19 U	0.2 U	0.119 U	0.2 U	0.2 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	1.3 U	10 U
Pyrene	50	0.48 U	0.5 U	0.48 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 UJ	1.6 U	10 U
Total PAHs	--	0.61	0	0	0.25	0.037	0.049	0.088	0	0	0	0	0
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.01 U	0.0066 J	0.01 U	0.01 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0041 UJ	0.01 U

Footnotes/Qualifiers:

Exceeded TOGs GW standard

- ug/l: Micrograms per liter
- mg/l: Milligrams per liter
- U: Analyzed but not detected
- J: Estimated value or limit
- J+: Estimated value or limit biased high
- UB: Non-detect based on blank
- : No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID Sampling Date	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S
	9/30/2020 Q4 2020	3/3/2021 Q1 2021	6/8/2021 Q2 2021	9/9/2021 Q3 2021	12/7/2021 Q4 2021	3/30/2022 Q1 2022	6/28/2022 Q2 2022	9/20/2022 Q3 2022	12/20/2022 Q4 2022	9/13/2023 Q3 2023	9/18/2024 Q3 2024	9/17/2025 Q3 2025	
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u>	TOGS Class GA Groundwater Standards												
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U
Toluene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U	0.51 U	1 U
Ethylbenzene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.74 U	1 U
M,P-Xylenes	--	--	--	--	--	--	2 U	--	--	--	2 U	0.66 U	2 U
O-Xylene	5	--	--	--	--	--	1 U	--	--	--	1 U	0.76 U	1 U
Xylenes	5	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	3 U	2 U	0.66 U	2 U
BTEX	--	5 U	5 U	5 U	5 U	5 U	2 U	1.1	6 U	6 U	2 U	1 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>													
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.028 J	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 UJ	0.02 U	0.021 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.0360 J	0.5 U	0.5 U	2 J	0.1 J	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	2 J	10 U
Acenaphthylene	--	0.29 U	0.3 U	0.3 U	0.82 U	0.3 U	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	0.82 U	10 U
Anthracene	50	0.48 U	0.5 U	0.5 U	1.3 U	0.067 J	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	1.3 U	10 U
Chrysene	0.002	0.48 U	0.5 U	0.5 U	0.91 U	0.5 U	0.5 U	0.02 UJ	0.02 U	0.021 U	2 U	0.91 U	2 U
Fluoranthene	50	0.48 U	0.5 U	0.5 U	0.84 U	0.08 J	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	0.84 U	10 U
Fluorene	50	0.48 U	0.5 U	0.5 U	0.91 U	0.058 J	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	0.91 U	10 U
Naphthalene	10	0.20 J	1 U	1 U	7.6	1 U	0.5 U	0.02 UJ	0.04	0.021	2 U	7.6	2 U
Phenanthrene	50	0.19 U	0.2 U	0.2 U	1.3 U	0.24 U	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	1.3 U	10 U
Pyrene	50	0.10 J	0.5 U	0.5 U	1.6 U	0.12 J	0.5 U	0.02 UJ	0.02 U	0.021 U	10 U	1.6 U	10 U
Total PAHs	--	0.34	0	0	9.6	0.425	0	0	0.04	0	0	9.628	0
Cyanide in mg/l	0.2	0.007 J	0.01 U	0.007 J	0.005 UBJ	0.0063 J	0.01 U	0.01 U	0.01 UBJ	0.01 U	0.0069 UBJ	0.005 UBJ	0.01 UBJ

Footnotes/Qualifiers:

Exceeded TOGs GW standard

- ug/l: Micrograms per liter
- mg/l: Milligrams per liter
- U: Analyzed but not detected
- J: Estimated value or limit
- J+: Estimated value or limit biased hig
- UB: Non-detect based on blank
- : No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 2
Ithaca Court Street Former MGP Site Long-Term Groundwater Monitoring Program
Annual Groundwater Sample Analytical Results -
BTEX, PAHs, and Cyanide

Sample ID	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S
Sampling Date	9/30/2020	3/4/2021	6/8/2021	9/9/2021	12/7/2021	3/31/2022	6/30/2022	9/21/2022	12/20/2022	9/13/2023	9/17/2024	9/16/2025	
	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q3 2023	Q3 2024	Q3 2025	
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l													
TOGS Class GA Groundwater Standards													
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.41 U	1 U	
Toluene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.51 U	1 U	
Ethylbenzene	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	0.74 U	1 U	
M,P-Xylenes	--	--	--	--	--	--	2 U	--	--	--	2 U	0.66 U	2 U
O-Xylene	--	--	--	--	--	--	1 U	--	--	--	1 U	0.76 U	1 U
Xylenes	5 U	2 U	2 U	2 U	2 U	2 U	2 U	3 U	3 U	3 U	2 U	0.66 U	2 U
BTEX	--	5 U	5 U	5 U	5 U	5 U	2 U	6 U	6 U	1.1	2 U	1 U	2 U
Semivolatile Organic Compounds in ug/l													
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.016 J	0.05 U	0.031 J	0.036 J	0.02 U	0.02 U	0.02 U	0.05 U	0.016 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.049 J	0.02 U	0.02 U	0.02 U	0.05 U	0.022 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.048 J	0.03 J	0.054 J	0.02 U	0.02 U	0.02 U	0.05 U	0.024 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.048 J	0.05 U	0.045 J	0.02 U	0.02 U	0.02 U	0.05 U	0.035 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.028 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.042 J	0.05 U	0.046 J	0.02 U	0.02 U	0.02 U	0.05 U	0.036 U	0.05 U
Acenaphthene	20	0.75 J	0.91 J	0.84 J	0.81	1.1 U	0.75	0.95	1	0.33	1.6 J	1.1 U	10 U
Acenaphthylene	--	1.5 U	1.5 U	1.4 U	0.3 U	0.3 U	0.5 U	0.031	0.024	0.02 U	10 U	0.82 U	10 U
Anthracene	50	2.5 U	2.5 U	2.4 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 U	1.3 U	10 U
Chrysene	0.002	2.5 U	2.5 U	2.4 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	2 U	0.91 U	2 U
Fluoranthene	50	2.5 U	2.5 U	2.4 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 U	0.84 U	10 U
Fluorene	50	2.5 U	2.5 U	2.4 U	0.5 U	0.5 U	0.5 U	0.039	0.04	0.02 U	10 U	0.91 U	10 U
Naphthalene	10	1.6 J	5 U	4.8 U	0.096 J	0.11 J	0.5	0.17 U	0.11 U	0.048	4.2	0.54 U	2 U
Phenanthrene	50	1 U	1 U	0.95 U	0.2 U	0.20 U	0.5 U	0.02 U	0.02 U	0.02 U	10 U	1.3 U	10 U
Pyrene	50	2.5 U	2.5 U	2.4 U	0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	10 U	1.6 U	10 U
Total PAHs	--	2.35	0.91	0.856	1.044	0.171	1.48	1.02	1.064	0.378	5.8	0	0
Cyanide in mg/l	0.2	0.01 U	0.01 U	0.01 J+	0.01	0.012	0.01 U	0.01 U	0.01 U	0.01 U	0.014 UBJ	0.009 UBJ	0.01 U

Footnotes/Qualifiers:

Exceeded TOGS GW standard

ug/l: Micrograms per liter

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

J+: Estimated value or limit biased high

UB: Non-detect based on blank

--: No limit

Q3 2025 Data not validated as of 10/6/2025

TABLE 3 - SUMMARY OF FINAL FIELD PARAMETER RESULTS

2025 Q3 GROUNDWATER MONITORING EVENT
 ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
 ITHACA, NEW YORK

Well ID	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (DO) (mg/L)	Oxidation Reduction Potential (ORP) (mV)
MW-C11	7.01	20.30	1.96	0.0	0.67	-99
MW-C12	7.20	17.40	1.18	0.0	0.42	-96
MW-C16	7.09	19.92	2.87	0.0	0.57	-135
MW-13S	7.11	19.69	1.32	4.5	0.49	-57
MW-22S	6.90	18.96	0.985	5.0	0.72	-96
MW-23S	6.86	19.29	0.845	0.0	0.39	-67
MW-46S	7.00	18.28	0.855	18.5	0.34	-88
MW-48S	7.09	20.42	3.46	4.8	0.41	-107
Groundwater Monitoring Wells Sampled Annually						
MW-24S	7.02	21.21	1.00	3.1	0.62	-98
MW-25S	6.94	18.14	3.12	0.0	0.49	24
MW-31S	6.86	17.13	0.905	3.2	0.27	9
MW-33S	6.96	17.21	1.11	2.7	5.08	-140
MW-40*	7.72	16.10	0.402	15.0	1.53	-119
MW-45S	7.05	17.72	1.50	3.2	0.89	-166
MW-47S	6.97	17.29	0.711	4.9	0.80	-111

Notes:

- The table above represent the final stabilized parameters prior to sample collection using low-flow sampling techniques.
 * - The reported parameters were collected prior to MW-40 being purged dry. Grab sample collected upon recovery.

Abbreviations:

- °C: degrees celsius
- mS/cm: millisiemens per centimeter
- NTUs: nephelometric turbidity units
- DO: dissolved oxygen
- mg/L: milligrams per liter
- ORP: oxidation-reduction potential
- mV: millivolts

FIGURES



D&B ENGINEERS
AND ARCHITECTS


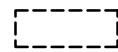
NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SITE LOCATION MAP

SCALE: N.T.S.

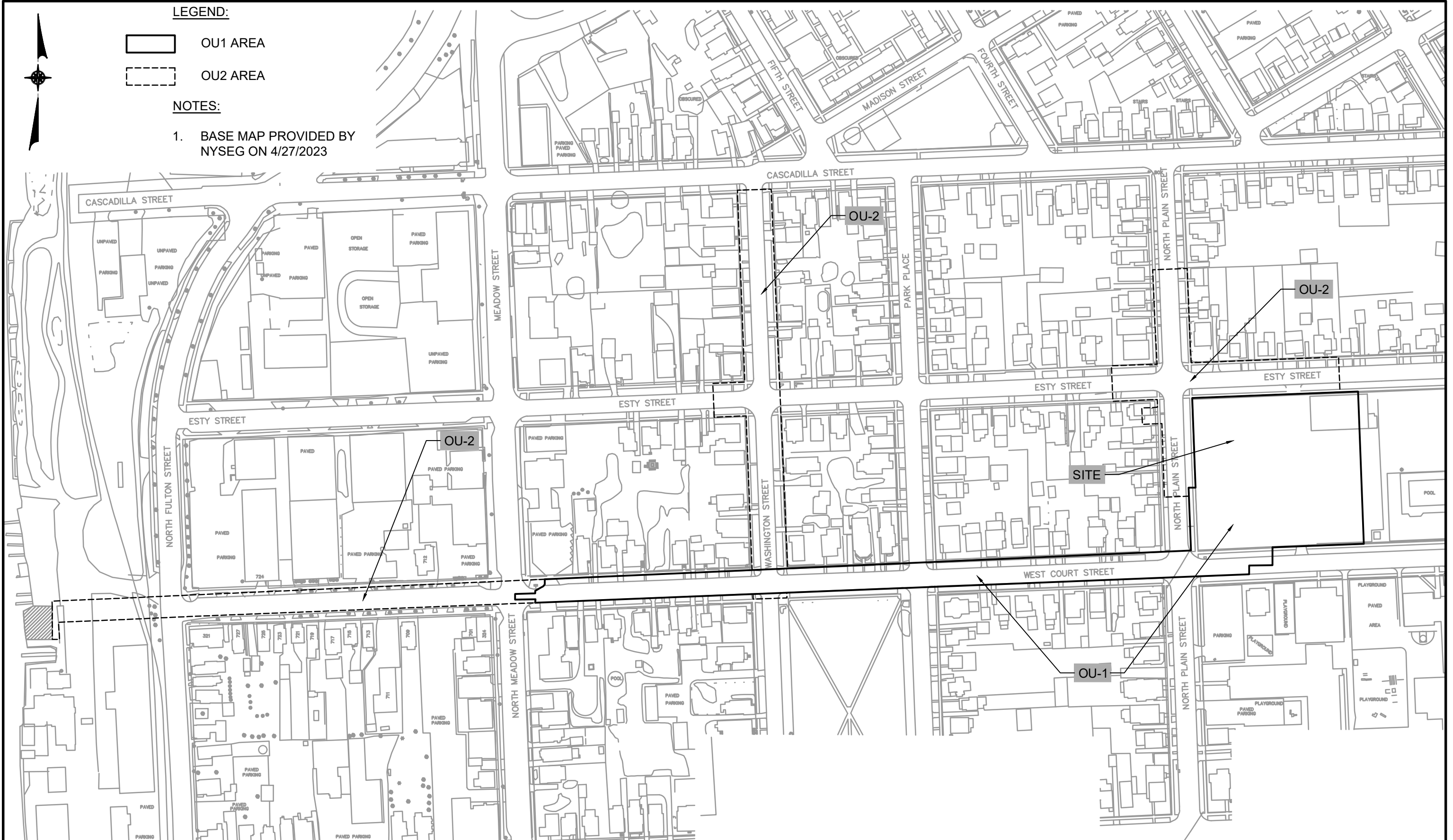
FIGURE 1

LEGEND:

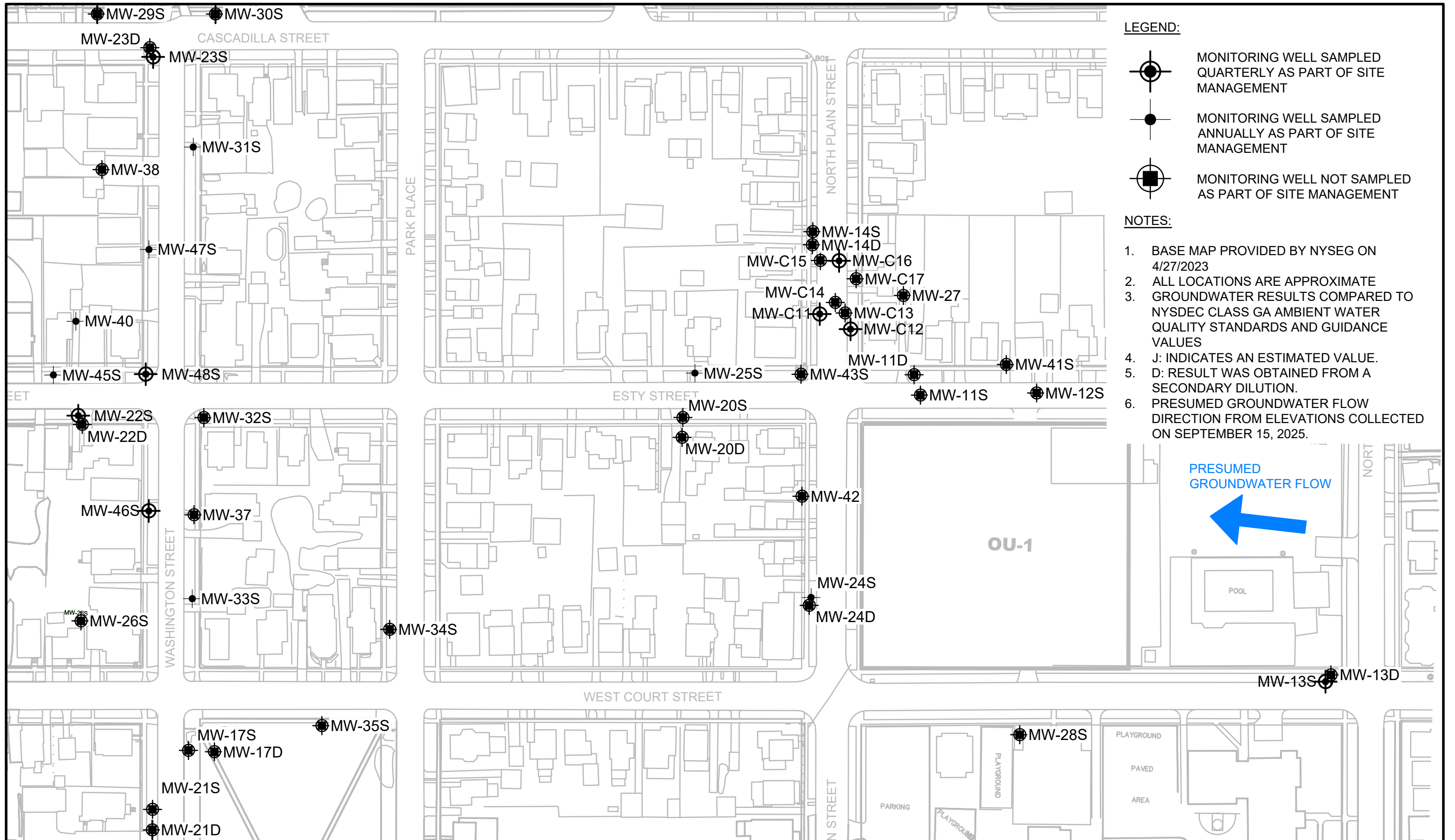
-  OU1 AREA
-  OU2 AREA

NOTES:

1. BASE MAP PROVIDED BY NYSEG ON 4/27/2023



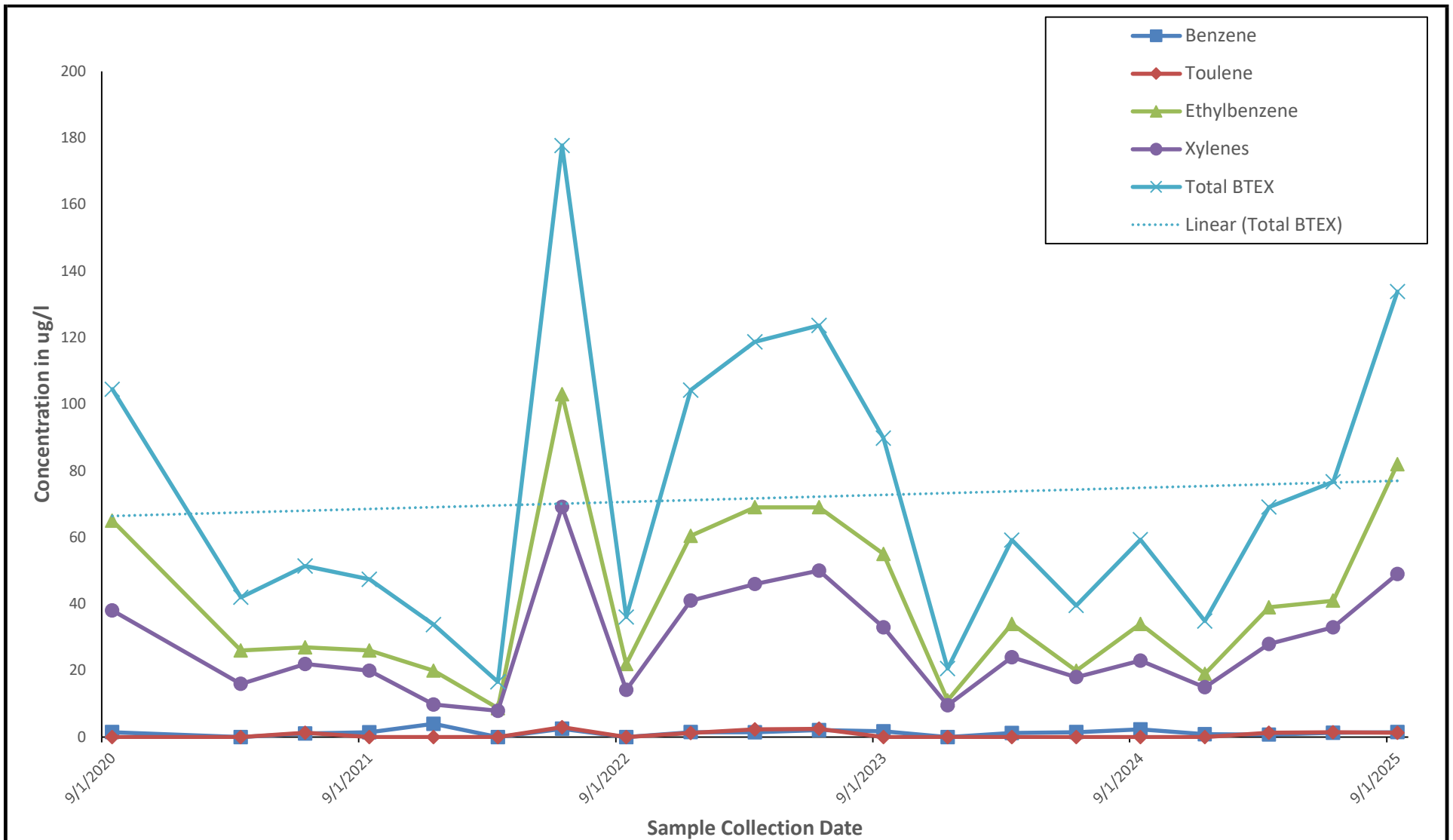
F:\5811\dwg\5811-FIG-2.dwg, Layout1, 8/1/2023 8:43:25 AM, zkaplans



ATTACHMENTS

ATTACHMENT A

BTEX Concentrations and Total BTEX Trend



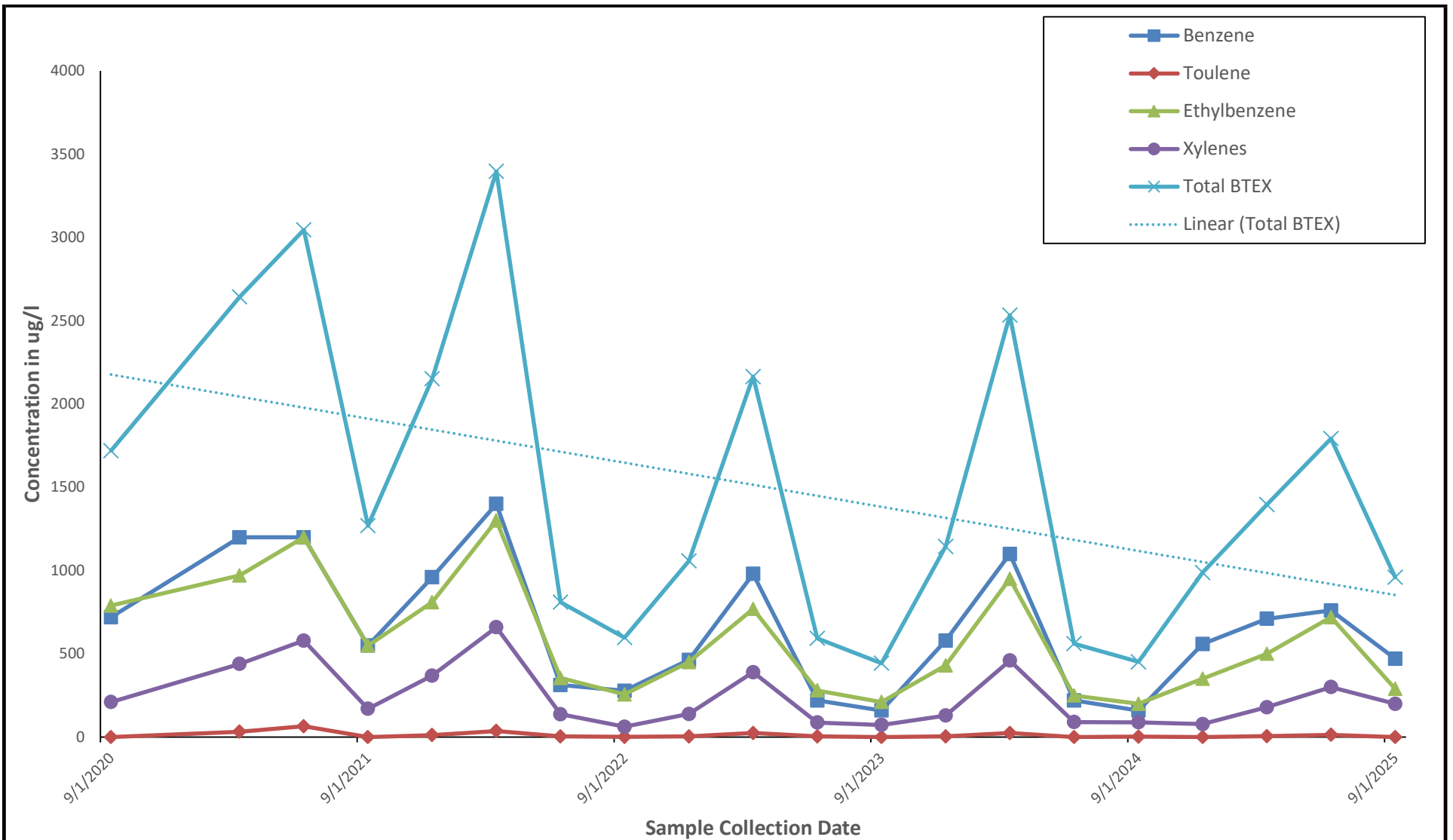
Notes:

1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total BTEX represent the sum of the four analytes shown.



**NYSEG Ithaca Court Street Former MGP Site (Site No. 755008)
BTEX Concentrations and Total BTEX Trend
Monitoring Well MW-23S**

**Attachment
A**



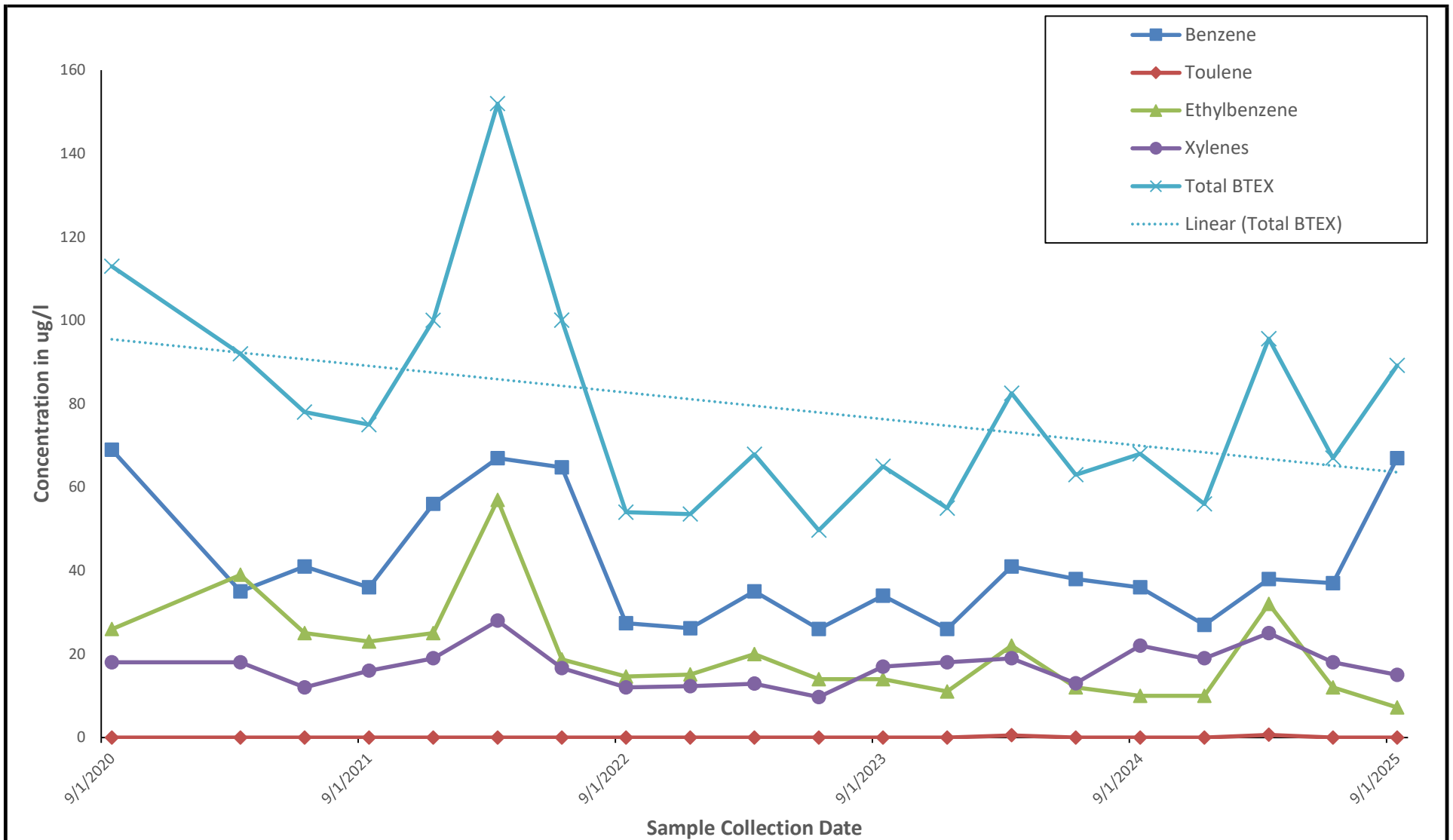
Notes:

1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total BTEX represent the sum of the four analytes shown.



NYSEG Ithaca Court Street Former MGP Site (Site No. 755008)
BTEX Concentrations and Total BTEX Trend
Monitoring Well MW-46S

Attachment
A



Notes:

1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total BTEX represent the sum of the four analytes shown.

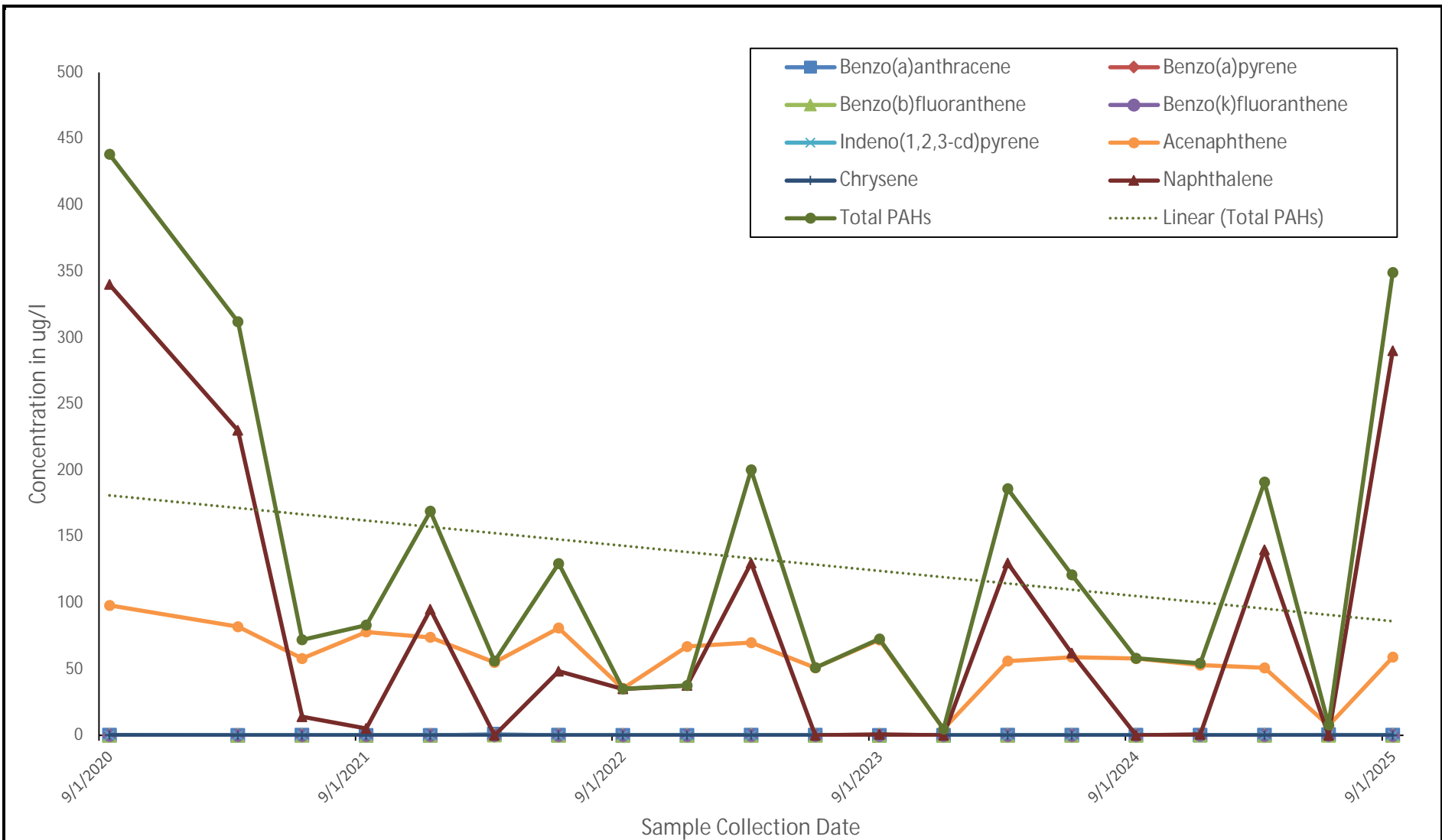


NYSEG Ithaca Court Street Former MGP Site (Site No. 755008)
BTEX Concentrations and Total BTEX Trend
Monitoring Well MW-48S

Attachment
A


ATTACHMENT B

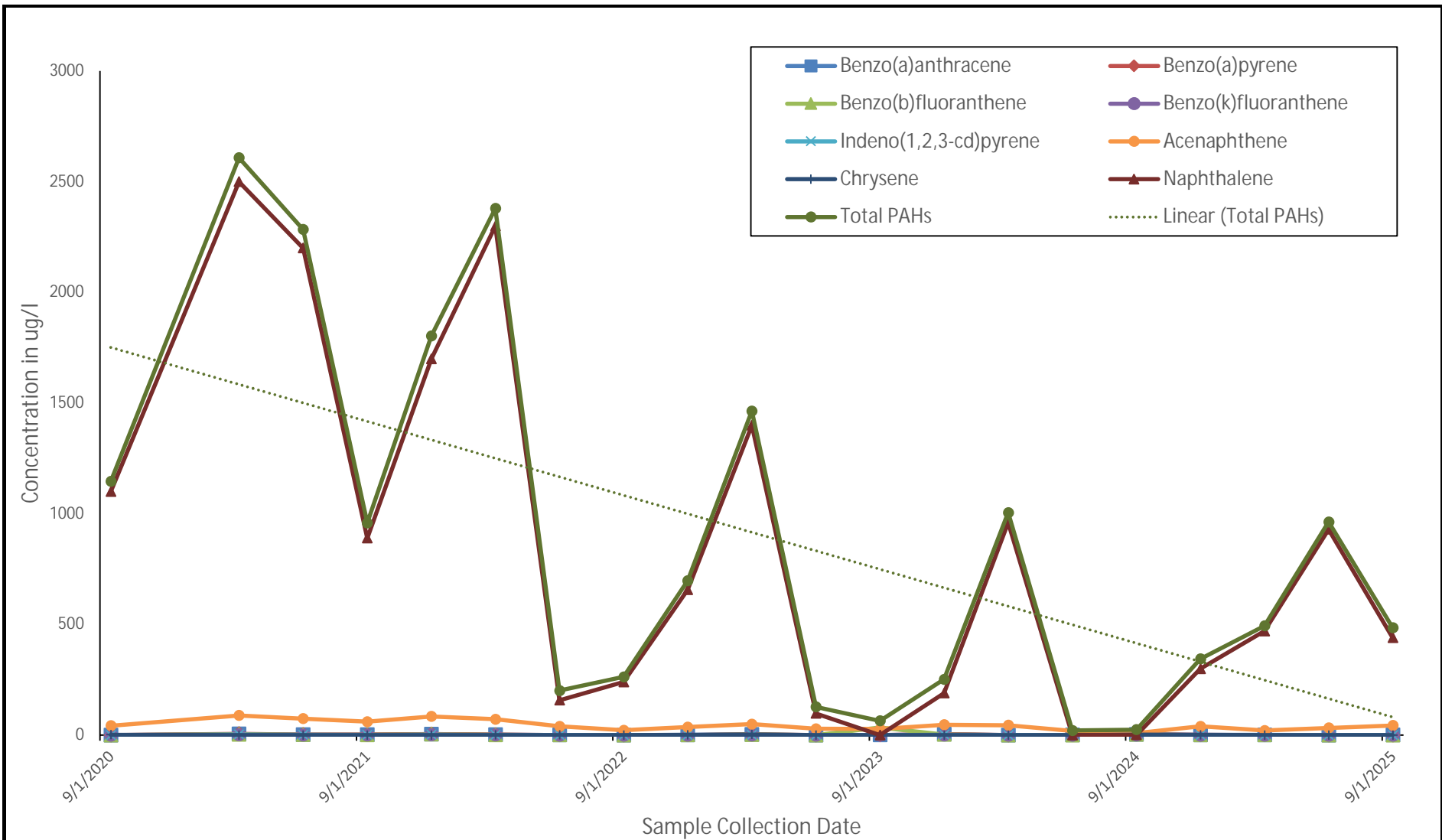
PAH Concentrations and Total PAH Trend



Notes:


1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total PAHs represent the sum of the eight analytes shown.

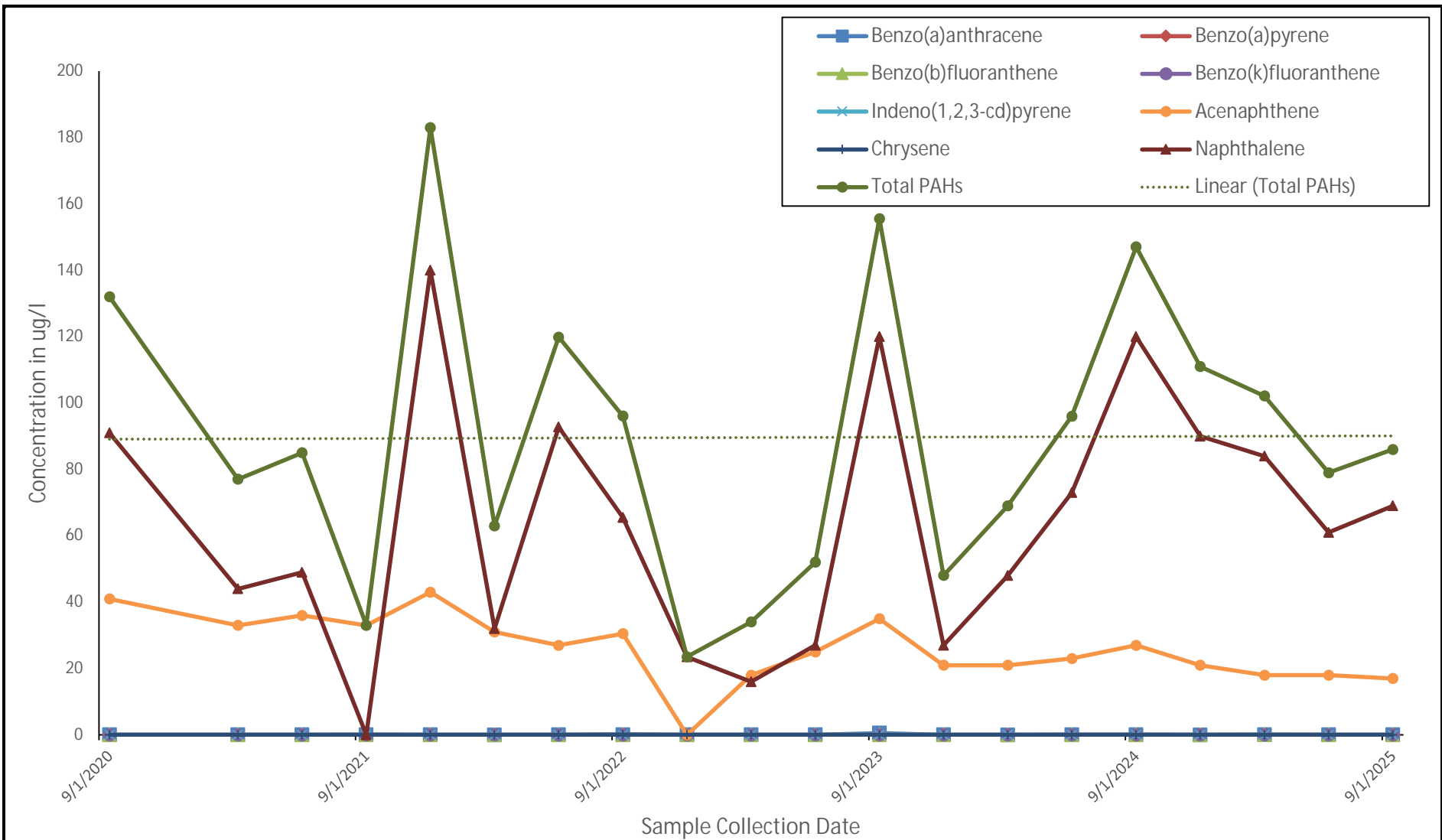
	NYSEG Ithaca Court Street Former MGP Site (Site No. 755008) PAHs Concentrations and Total PAHs Trend Monitoring Well MW-23S	Attachment B
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Notes:


1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total PAHs represent the sum of the eight analytes shown.

	NYSEG Ithaca Court Street Former MGP Site (Site No. 755008) PAHs Concentrations and Total PAHs Trend Monitoring Well MW-46S	Attachment B
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Notes:

1. Graph presents the data generated as part of the long-term groundwater monitoring program.
2. Total PAHs represent the sum of the eight analytes shown.

 D&B ENGINEERS AND ARCHITECTS	NYSEG Ithaca Court Street Former MGP Site (Site No. 755008) PAHs Concentrations and Total PAHs Trend Monitoring Well MW-48S	Attachment B
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