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To: [Miller, Samantha](#); [Ormsbee, Daniel](#)
Cc: [Leighton, Ed](#); [Keegan, Aaron \(HEALTH\)](#); [Deming, Justin H \(HEALTH\)](#); [Murphy, Michael C \(DEC\)](#)
Subject: Revised GW Report for April2025 Sampling Event, Approved as Revised, Sterling Drug Site 1, HW#442009
Date: Tuesday, September 23, 2025 9:53:00 AM
Attachments: [2025-09-18 Apr Groundwater Monitoring Event_r1.pdf](#)

The attached Revised Biannual Groundwater Sampling and Analysis Report for April 2025 is hereby approved by NYSDEC.
I can be reached at 518-357-2394 if there are any questions.
Thanks.

Christopher O'Neill, P.E.
NYSDEC – Schenectady
518-357-2394

From: Miller, Samantha <SMiller@chasolutions.com>
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Subject: RE: [--EXTERNAL--]: NYSDEC Comment Letter on GW Report for April2025 Sampling Event, Sterling Drug Site 1, HW#442009

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Chis and Aaron –

Please see the attached, revised Biannual Groundwater Sampling and Analysis Report – April 2025, for Sterling Drug Site 1 (Curia) in Rensselaer.

Have a great weekend!
-Sam

Samantha Miller, PE*
Section Manager I - Site Investigation & Remediation

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Please note my email address has changed

Finding a better way.

From: O'Neill, Christopher (DEC) <christopher.oneill@dec.ny.gov>

Sent: Wednesday, September 17, 2025 3:34 PM

To: Ormsbee, Daniel <daniel.ormsbee@curiaglobal.com>

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Subject: [--EXTERNAL--]: NYSDEC Comment Letter on GW Report for April2025 Sampling Event, Sterling Drug Site 1, HW#442009

Please see attached comment letter regarding the Biannual Groundwater Sampling and Analysis Report – April 2025, for Sterling Drug Site 1 (Curia) in Rensselaer.

Feel free to contact me at 518-357-2394 if there are any questions.

BIANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT APRIL 2025

Curia New York
33 Riverside Avenue
Rensselaer, New York

Project Site #HW442009
CHA Project Number: 075104.001

July 2025

Revised September 2025

Prepared for:
Curia New York
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SIGNATURE PAGE

This report has been prepared and reviewed by the following qualified personnel employed by CHA Consulting, Inc.

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Environmental Scientist II

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Senior Engineer/Project Manager

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LIST OF ACRONYMS & ABBREVIATIONS

1,2-DCA	1,2-Dichloroethane
AMRI	AMRI Rensselaer, Inc.
AWQS	Ambient Water Quality Standards
CHA	CHA Consulting, Inc.
Curia	Curia New York, Inc.
DO	Dissolved Oxygen
ELAP	Environmental Laboratory Approval Program
HDPE	High Density Polyethylene
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation Reduction Potential
Pace	Pace Analytical
PFAs	Per- and polyfluoroalkyl substances
QA	Quality Assurance
QC	Quality Control
SRIWP	Supplemental Remedial Investigation Work Plan
TCL	Target Compound List
TFE	Total Fluids Extraction Well
TOGS	Technical and Operational Guidance Series
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
µg/L	Microgram per Liter
mg/L	Milligram per Liter

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1.0 INTRODUCTION

CHA Consulting, Inc. (CHA) was retained by Curia New York, Inc. (Curia), formerly AMRI Rensselaer, Inc. (AMRI) to perform the Biannual Groundwater Sampling and Analysis Program for Sterling Site #1, which is assigned New York State Department of Environmental Conservation (NYSDEC) Hazardous Waste Site Number 442009. This report presents the results of the April 2025 groundwater sampling event, which was conducted April 16th and April 17th, 2025.

The Biannual Groundwater Sampling and Analysis Program is conducted in accordance with the existing Agreement and Determination dated 1983 between Sterling Drug, Inc. (former property owner) and NYSDEC, as modified. Curia continues to follow the Agreement and Determination, as modified, which serves as the sampling and analysis plan for the site. The April 2025 groundwater sampling event followed this plan with the subsequent modifications since the sampling and analyses program has evolved over the past 40 years as investigative and remedial efforts and requirements have progressed at the site.

In 2021 the Groundwater Sampling Plan included expanding the VOC list from the four VOCs; benzene, chlorobenzene, toluene, and 1,2-dichloroethane (1,2-DCA), to the full Target Compound List (TCL) VOCs for MW-3 only.

CHA notes that a groundwater collection trench operates along the northern border of the property to the north and northwest of monitoring well MW-3. The groundwater collection trench captures contaminated water north of Building 30 and directs it to the on-site groundwater treatment system, where it is then treated prior to being recharged into the ground south of Building 30. The location of the collection and injection trenches are shown on Figure 1.

2.0 OBJECTIVES

The objective of the Biannual Groundwater Sampling and Analysis Program is to collect data from site-related groundwater monitoring wells and monitor the groundwater quality within and adjacent to the site. Wells monitored as part of this program include on-site wells MW-3, MW-5A, MW-6A, MW-8, MW-12 MW-14A, and off-site wells OS-1A, OS-3, OS-4A and OS-5A. Since at least 1998 groundwater samples have been collected from monitoring wells 11-A and MW-17. Since that time, the wells have continued to be sampled voluntarily as part of the routine groundwater monitoring events. MW-11 was decommissioned and replaced with MW-11A in accordance with the NYSDEC requirements and oversight. Groundwater is gauged from monitoring wells MW-7A, MW-9, and MW-10, ~~and MW-18 and at piezometers TPZ-1, TPZ-3, TPZ-4, and TPZ-6.~~

3.0 GROUNDWATER SAMPLING

Prior to sampling, groundwater elevations at the Site were collected utilizing a Heron electronic water level meter capable of reading to 0.01-feet accuracy. Groundwater elevation at each location is recorded and included in Table 1. Each well was then purged utilizing a low-flow monsoon pump with dedicated low-density polyethylene (LDPE) tubing dedicated to each well. During purging, groundwater from each well was monitored in the field for stabilization of turbidity, pH, specific conductance, oxidation-reduction potential (ORP), dissolved oxygen (DO) and temperature using a YSI Pro Plus Quatro DSS Pro water quality meter. The monitoring wells were purged until the parameters stabilized or until dry, to obtain representative groundwater samples.

After purging efforts were completed, CHA personnel collected groundwater samples from the dedicated LDPE tubing. Groundwater samples were transferred from the tubing to pre-preserved bottles provided by the selected environmental laboratory, Pace Analytical located in Westborough, Massachusetts. Pace is an environmental laboratory accredited by the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) as Number 11148. Upon sample collection, the bottles were labeled and stored in a cooler with ice and transported by CHA to the Pace Courier Center under proper chain of custody for analysis at their laboratory.

Pace Analytical analyzed each sample for VOCs via United States Environmental Protection Agency (USEPA) Method 8260. Groundwater samples for monitoring wells MW-5A, MW-6A, MW-8, MW-11A, MW-12 MW-14A, MW-17, and off-site wells OS-1A, OS-3, OS-4A and OS-5A were analyzed for the site-specific VOCs; benzene, toluene, chlorobenzene and 1,2-DCA. Monitoring well MW-3 was analyzed for the full TCL VOC list. Groundwater samples from wells MW-5A, MW-6A, MW-12 and MW-14A were also analyzed for arsenic (EPA Method 200.7), and samples from monitoring wells MW-5A, MW-6A and MW-17 were analyzed for sodium (EPA Method 200.7).

Quality Assurance (QA)/Quality Control (QC) samples included a blind duplicate, a matrix spike (MS), and a matrix spike duplicate (MSD). A trip blank was also sent for VOC analysis each day of the sampling event.

Purged groundwater was collected in a new 55-gallon drum supplied by Curia and sampled for waste characterization purposes (Sample ID WC-1). The waste characterization sample was transported by CHA to Pace Analytical and analyzed for the following parameters:

- TCL VOCs
- TCL SVOCs
- RCRA 8 Metals
- PCBs

- Pesticides
- Herbicides
- Reactivity, Cyanide and Sulfide
- Corrosivity and pH
- Ignitability and Flashpoint

4.0 FIELD OBSERVATIONS

The following physical descriptions of groundwater were derived from field notes collected during the well purging and sampling activities at each monitoring well. Descriptions of field notes and a summary of water quality data collected during the purging process for each well are included in Table 2.

4.1 Field Notes and Water Quality Data

- **MW-3:** Groundwater from well MW-3 was clear with no odor, sheen, or effervescence.
- **MW-5A:** Groundwater from well MW-5A was clear with no odor, sheen, or effervescence. The MS/MSD samples were taken at this location.
- **MW-6A:** Groundwater from well MW-6A was clear with no odor, sheen, or effervescence.
- **MW-8:** Groundwater from well MW-8 was clear with no odor, sheen, or effervescence. CHA-1 was collected at this location.
- **MW-11A:** Groundwater from well MW-9 was clear with no odor, sheen, or effervescence.
- **MW-12:** Groundwater from well MW-12 had an amber tint with no odor, sheen, or effervescence.
- **MW-14A:** Groundwater from well MW-14A was clear with no odor, sheen, or effervescence.
- **MW-17:** Groundwater from well MW-17 had a black tint with no odor, sheen, or effervescence.
- **OS-1A:** Groundwater from well OS-1A was clear with no odor, sheen, or effervescence.
- **OS-3:** Groundwater from well OS-3 was clear with no odor, sheen, or effervescence.
- **OS-4A:** Groundwater from well OS-4A was clear with no sheen, odor, or effervescence.
- **OS-5A:** Groundwater from well OS-5A was clear with no odor, sheen, or effervescence.

Figure 1 depicts monitoring well locations and the groundwater piezometric surface contours based on the groundwater elevation data recorded on April 16, 2025. Groundwater flow patterns across the site during the April 2025 monitoring event were generally consistent with those observed during previous monitoring events, exhibiting a groundwater divide trending

southwest/northeast from the area of monitoring well MW-9 to the area of monitoring well MW-3. Groundwater on the northwest side of the divide generally flows west/northwest. Groundwater on the southeast side of the divide is consistent with historic flow in the vicinity of well MW-12. There are no on-site monitoring wells east of MW-3 from which groundwater flow direction can be definitively determined.

4.2 Subsurface Vault

A subsurface vault is located directly east of MW-12. Curia provided mapping schematics detailing pipeline layout and invert elevations for the stormwater collection system; these drawings are included in Appendix A.

The vault appears to be hydraulically connected to Curia's stormwater collection system and receives influent from four distinct conveyance pipes of varying diameters: a 24-inch pipe with an invert elevation of 8.37 feet, an 18-inch pipe at 8.30 feet, a 15-inch pipe at 8.34 feet, and a 4-inch pipe for which invert data was not provided. The groundwater elevation at MW-12 for the April 2025 event was 8.48 feet and averages approximately 8.4 feet over the last 5 years. This elevation suggests a potential for groundwater infiltration into the stormwater system and therefore potential influence of groundwater flow.

4.3 Monitoring Well Inspection

The monitoring well inspection in April 2025 revealed that the monitoring wells and piezometers within the network were in good condition overall, with casings, gripper plugs, and well labels present. Some of the flushmount wells will require replacement of bolts because the bolts were found to be bent during this event, which caused difficulties in getting the covers open. However, the riser pipe remained intact and was not disturbed. The well inspection sheets are included in Appendix B.

5.0 COMPARISON OF ANALYTICAL RESULTS

Table 3 provides a summary of the analytical results for the site contaminants of concern for this monitoring event. Appendix C provides the complete laboratory analytical reports. Table 4 presents a summary of historical groundwater analytical data for the applicable contaminants of concern in on-site and off-site wells. Graphs 1 and 2 depict concentrations of benzene and chlorobenzene at monitoring well MW-3 over time, and Graphs 3 and 4 depict concentrations of benzene and chlorobenzene at monitoring well MW-5/MW-5A over time, respectively.

Overall, the majority of the data from each of the wells is consistent with previous events. The data is comparable in recent events and to the results from the April 2024 sampling event.

VOC and inorganic analytical results from each monitoring well are presented below and are compared to results from the four most recent sampling events. The NYSDEC Ambient Water Quality Standards (AWQS), as published in the Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998, are also shown for comparison purposes. Concentrations of VOCs are reported in micrograms per liter (µg/L). Concentrations of sodium and arsenic are reported in milligrams per liter (mg/L). Values in bold print exceed their respective AWQS.

MW-3:

Parameter	October 2023*	April 2024*	October 2024*	April 2025*	NYSDEC AWQS*
Benzene (µg/L)	690	500	1,400	140	1
Chlorobenzene (µg/L)	15,000	10,000	7,900	2,500	5
Toluene (µg/L)	<250	<250	<250	<250	5
1,2-Dichloroethane (µg/L)	<50	<50	<50	<50	0.6

**MW-3 was analyzed for TCL VOCs. Except for benzene and chlorobenzene, no other VOCs were detected, but the reporting limit typically ranged from 50 µg/L to 250 µg/L for most VOCs, with a dilution factor of 100.*

MW-5A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	0.48 J	<0.5	<0.5	<0.5	1
Chlorobenzene	<0.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	1.1	<0.5	1.9	<0.5	0.6
Arsenic (mg/L)	0.02	0.00564	0.00840	0.00620	0.025
Sodium (mg/L)	1,180	1,090	1,080	1,020	20

MW-6A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	0.3 J	0.6
Arsenic (mg/L)	0.0	0.03165	0.04230	0.03040	0.025
Sodium (mg/L)	2	159	153	124	20

MW-8:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<2.5	<2.5	3.2	<2.5	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

The field duplicate (CHA-1) was collected at well MW-8

CHA-1:

Parameter	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	1
Chlorobenzene (µg/L)	<2.5	5
Toluene (µg/L)	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	0.6

All parameter concentrations were non-detect. Therefore, the relative percent difference was zero.

MW-11A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<2.5	<2.5	<2.5	0.83 J	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

MW-12:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<5.0	<1.2	<0.5	1
Chlorobenzene (µg/L)	6.9	8.5 J	<6.2	0.99 J	5
Toluene (µg/L)	<2.5	<25	<6.2	<2.5	5
1,2-Dichloroethane (µg/L)	1.2	<5.0	1.3	0.34	0.6
Arsenic (mg/L)	0.0777	0.01472	0.0518	0.241	0.025

MW-14A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	0.26 J	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	2.8	<2.5	3.0	<2.5	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6
Arsenic (mg/L)	0.857	0.3761	1.38	1.73	0.025

MW-17:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	5.9	2.9	0.34 J	2.5	1
Chlorobenzene (µg/L)	0.95 J	0.85 J	0.76 J	1.2 J	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6
Sodium (mg/L)	215	120	249	203	20

OS-1A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<2.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

OS-3:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

OS-4A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

OS-5A:

Parameter	October 2023	April 2024	October 2024	April 2025	NYSDEC AWQS
Benzene (µg/L)	<0.5	<0.5	<0.5	<0.5	1
Chlorobenzene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
Toluene (µg/L)	<0.5	<2.5	<2.5	<2.5	5
1,2-Dichloroethane (µg/L)	<0.5	<0.5	<0.5	<0.5	0.6

The trip blank detected the VOC parameter acetone. This value was qualified as a laboratory estimate. Acetone is a common lab contaminant.

One waste characterization sample, WC-1, was collected from the drum that contained purged water and decontamination water throughout the groundwater sampling event. The sample was analyzed for VOCs, semi volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and target analyte list (TAL) metals. Table 5 displays the detected compounds in comparison with the Contained-In Criteria.

A request for a Contained-In determination was sent to the NYSDEC. In a letter dated June 3, 2025, a response was received which stated that the two drums could be handled as non-hazardous. A copy of this letter is included in Appendix D. The drum was hauled off-site by Veolia Environmental Services Technical Solutions, LLC, and a copy of the manifest is also included in Appendix D.

6.0 CONCLUSIONS

In general, results were consistent with previous groundwater sampling events. In summary:

- Overall, the majority of the data from each of the wells is consistent with previous events. The data is comparable in recent events and to the results from the April 2024 sampling event. There was no significant change in analytical results between sampling with low flow sampling methods or conventional sampling methods.
- Target VOCs were not detected at concentrations above the NYSDEC AWQS at on-site monitoring wells except for the concentration of benzene and chlorobenzene in the groundwater sample collected from monitoring well MW-3 and the concentration of benzene from monitoring well MW-17.
- Benzene and chlorobenzene were detected in the groundwater sample from monitoring well MW-3 at concentrations of 140 and 2,500 µg/L, respectively. Both compounds have decreased in concentration and are at their lowest concentrations since at least 2020 when reporting limits were lowered. Concentration trends from April 1990 through this event show an overall downward trend over time (Graphs 1 and 2) of these parameters in MW-3. It should be noted that well MW-3 is upgradient of the groundwater collection trench, and neither benzene nor chlorobenzene were detected in the groundwater sample collected from monitoring well OS-5A, which is downgradient of well MW-3 and on the opposite side of the collection trench, across Rensselaer Avenue.
 - Benzene and chlorobenzene concentrations for the past ten years of monitoring are displayed on Graphs 1A and 2A respectively. Although Graph 1A appears to show an increasing trend through at least April 2023, concentrations appear to have decreased from the spike that was observed in April 2023. Concentrations of chlorobenzene vary, however, similar to benzene, the concentration has dramatically decreased since a spike noted during the April 2023 event.

- No other VOCs were detected in the groundwater sample from well MW-3; however, the VOC data provided by the laboratory had a reporting limit ranging from 12 µg/L to 250 µg/L for most VOCs, with a dilution factor of 25.
- Target VOCs were not detected at any of the four off-site well locations, MW-5A, MW-8 or MW-14A.
- In MW-17 benzene and chlorobenzene were detected above the reporting limits. Benzene was detected at a concentration of 2.5 µg/L compared to the NYSDEC AWQS standard of 1µg/L. Chlorobenzene was detected at a concentration of 1.2 µg/L, which is below the NYSDEC AWQS, and qualified with a 'J' which is an estimated value by the lab. The levels of both parameters are consistent with historic concentrations.
- Arsenic was detected in groundwater in monitoring wells MW-6A, MW-12 and MW-14A, at concentrations of 0.0304, 0.241, and 1.73 mg/L, respectively, exceeding the NYSDEC AWQS value of 0.025 mg/L but consistent with historic concentrations.
- The parameter sodium was analyzed for and detected in groundwater samples from monitoring wells MW-5A, MW-6A and MW-17 at concentrations above the established NYSDEC AWQS value of 20 mg/L. However, the detected concentrations of sodium were comparable to historical concentrations. CHA also notes that the AWQS for sodium is based upon the New York State Department of Health's (NYSDOH's) Part 5 drinking water that is consumed by people on a severely restricted sodium diet. NYSDOH has a sodium concentration limit of 270 mg/L for supplies used for drinking by people on a moderately restricted sodium diet. The groundwater at the site is not utilized as a drinking water source.
- During this event, the NYSDEC requested an evaluation of the stormwater catch basin directly east of MW-12. Upon completion of the evaluation, stormwater pipe inverts indicate that the catch basin is hydraulically connected to Curia's stormwater collection system and therefore there is the potential for groundwater flow to be influenced.

7.0 RECOMMENDATIONS

The off-site monitoring well data and the groundwater elevation data indicate that the existing groundwater treatment system is maintaining hydraulic control of the impacted groundwater near Building 30. Based on the Groundwater Elevation Contour Map, impacted groundwater at the location of monitoring well MW-3, and in its immediate vicinity, flows to the northwest toward the groundwater collection trench, which captures contaminated water and directs it to the on-site groundwater treatment system.

CHA recommends that Curia continue to monitor groundwater quality at the site and continue operation of the groundwater treatment system near Building 30 in accordance with the 1983 Agreement and Determination. However, given the history of non-detect VOC concentrations in groundwater samples collected from wells MW-11A, and OS-1A through OS-5A, these monitoring

wells should be considered for reduction of sampling frequency or removal from the semiannual sampling program. While we recognize that the NYSDEC has requested additional Site data, it is not anticipated that further investigation will influence the need to continue to sample these wells.

The next groundwater sampling event is scheduled to occur in October 2025.

TABLES

Table 1
Groundwater Measurements
Site No. HW442009
April 2025 Biannual Report

Depth to Groundwater													
Monitoring Well	Top of Riser Elevation (ft.)	Apr-19	Oct-19	Oct-20	Apr-21	Oct-21	Apr-22	Oct-22	Apr-23	Oct-23	Apr-24	Oct-24	Apr-25
MW-3	19.5	6.91	7.21	no sampling due to COVID-19 pandemic	7.10	7.03	6.91	7.31	6.99	6.72	6.65	7.50	7.70
MW-5A	16.91	6.23	6.10		6.49	6.15	6.18	6.30	6.14	6.13	6.08	7.12	5.98
MW-6A	19.13	10.13	10.37		10.18	10.34	10.02	10.55	9.77	10.28	7.68	10.35	9.49
MW-7A	21.13	7.78	8.22		7.71	8.21	7.82	8.33	7.47	8.36	7.54	12.46	7.51
MW-8	19.96	13.90	14.39		14.84	14.55	14.41	14.95	14.21	14.67	14.72	15.32	14.42
MW-9	19.59	7.56	7.61		13.18	5.56	7.55	9.29	7.72	7.85	7.91	7.95	7.58
MW-10								13.72	12.85	13.19	12.76	12.84	13.00
MW-11A	19.24	8.52	8.37		8.68	8.54	8.39	9.49	8.47	8.44	8.41	9.44	8.45
MW-12	18.85	10.50	10.44		10.52	10.30	10.38	10.56	10.40	10.43	10.39	10.58	10.37
MW-14A	19.89	7.80	7.10		8.28	7.55	7.95	8.53	8.24	8.40	8.37	8.79	8.11
MW-17	16.77	5.72	5.71		10.32	5.83	5.65	5.88	5.56	5.72	5.67	5.93	5.50
MW-18	17.56	7.30	7.38		6.70	7.59	7.21	8.13	7.36	7.38	7.00	8.50	7.44
OS-1A	20.28	12.16	13.13		13.35	12.98	12.84	13.72	13.50	13.23	13.04	14.12	13.10
OS-3	14.8	7.21	7.16		7.33	6.90	7.12	7.49	7.32	7.24	7.29	7.15	7.31
OS-4A	13.91	5.96	5.92		6.08	9.61	5.81	6.36	6.05	6.07	6.31	7.51	6.01
OS-5A	13.86	3.41	2.68		3.38	2.96	2.50	3.87	2.90	3.07	2.78	4.44	2.71
PZ-17-1	16.57	5.34	5.47		5.55	5.56	4.38	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
PZ-17-4	17.36	7.57	7.64		7.58	7.56	7.57	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
PZ-17-6	17.34	6.39	6.54		6.62	6.70		decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
TPZ-1	16.26	5.38	5.56		6.92	5.48	4.94	5.44	5.30	6.51	5.85	6.81	6.38
TPZ-3	15.43	5.35	5.61		2.81	5.24	4.84	7.16	5.80	7.32	6.53	6.84	5.32
TPZ-4	15.61	4.80	4.31		6.90	3.97	3.98	5.03	4.03	4.97	3.82	6.14	4.13
TPZ-6	16.08	4.42	4.63		7.82	4.98	4.30	5.82	4.82	5.15	4.79	5.85	4.50

Table 1
Groundwater Measurements
Site No. HW442009
April 2025 Biannual Report

Groundwater Elevations													
Monitoring Well	Top of Riser Elevation (ft. asl)	Apr-19	Oct-19	Oct-20	Apr-21	Oct-21	Apr-22	Oct-22	Apr-23	Oct-23	Apr-24	Oct-24	Apr-25
MW-3	19.5	12.59	12.29	no sampling due to COVID-19 pandemic	12.40	12.47	12.59	12.19	12.51	12.78	12.85	12.00	11.80
MW-5A	16.91	10.68	10.81		10.42	10.76	10.73	10.61	10.77	10.78	10.83	9.79	10.93
MW-6A	19.13	9.00	8.76		8.95	8.79	9.11	8.58	9.36	8.85	11.45	8.78	9.64
MW-7A	21.13	13.35	12.91		13.42	12.92	13.31	12.80	13.66	12.77	13.59	8.67	13.62
MW-8	19.96	6.06	5.57		5.12	5.41	5.55	5.01	5.75	5.29	5.24	4.64	5.54
MW-9	19.59	12.03	11.98		6.41	14.03	12.04	10.30	11.87	11.74	11.68	11.64	12.01
MW-11A	19.24	10.72	10.87		10.56	10.70	10.85	9.75	10.77	10.80	10.83	9.80	10.79
MW-12	18.85	8.35	8.41		8.33	8.55	8.47	8.29	8.45	8.42	8.46	8.27	8.48
MW-14A	19.89	12.09	12.79		11.61	12.34	11.94	11.36	11.65	11.49	11.52	11.10	11.78
MW-17	16.77	11.05	11.06		6.45	10.94	11.12	10.89	11.21	11.05	11.10	10.84	11.27
MW-18	17.56	10.26	10.18		10.86	9.97	10.35	9.43	10.20	10.18	10.56	9.06	10.12
OS-1A	20.28	8.12	7.15		6.93	7.30	7.44	6.56	6.78	7.05	7.24	6.16	7.18
OS-3	14.8	7.59	7.64		7.47	7.90	7.68	7.31	7.48	7.56	7.51	7.65	7.49
OS-4A	13.91	7.95	7.99		7.83	4.30	8.10	7.55	7.86	7.84	7.60	6.40	7.90
OS-5A	13.86	10.45	11.18		10.48	10.90	11.36	9.99	10.96	10.79	11.08	9.42	11.15
PZ-17-1	16.57	11.23	11.10		11.02	11.01	12.19	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
PZ-17-4	17.36	9.79	9.72		9.78	9.80	9.79	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
PZ-17-6	17.34	10.95	10.80		10.72	10.64		decomissioned	decomissioned	decomissioned	decomissioned	decomissioned	decomissioned
TPZ-1	16.26	10.88	10.70		9.34	10.78	11.32	10.82	10.96	9.75	10.41	9.45	9.88
TPZ-3	15.43	10.08	9.82		12.62	10.19	10.59	8.27	9.63	8.11	8.90	8.59	10.11
TPZ-4	15.61	10.81	11.30		8.71	11.64	11.63	10.58	11.58	10.64	11.79	9.47	11.48
TPZ-6	16.08	11.66	11.45		8.26	11.10	11.78	10.26	11.26	10.93	11.29	10.23	11.58

NM - Well Not Measured

Data prior to 2019 can be provided upon request

Table 2
Field Data Summary
Site No. HW442009
April 2025 Biannual Report

Well ID	Date	Well Depth (ft.)	Water Depth (ft.)	Purge Method	Depth to Water	Temp. (°C)	Turbidity (NTU)	ORP/EH (mV)	Dissolved Oxygen (mg/L)	pH	Conductivity (mS/cm)	Field Notes
MW-3	4/17/2025	11.95	7.17	Low Flow	7.01	11.8	47.20	93.5	5.00	7.49	1.019	Water was clear with no sheen, odor or effervescence.
					7.00	11.8	34.90	92.6	4.80	7.49	1.029	
					7.00	12.0	30.30	84.0	4.60	7.50	1.026	
					7.00	11.7	20.10	50.6	4.22	7.53	1.031	
					7.01	11.9	15.60	32.5	4.10	7.54	1.038	
					6.98	12.1	13.03	16.6	3.90	7.56	1.058	
					6.98	11.6	9.55	4.1	3.90	7.58	1.084	
					6.97	11.6	8.20	4.0	4.10	7.60	1.073	
					6.99	11.6	7.30	3.8	4.00	7.60	1.075	
MW-5A	4/17/2025	14.95	5.98	Low Flow	5.82	14.40	85.06	119.1	4.59	7.64	5.675	Water was clear with no sheen, odor or effervescence. The MS/MSD was taken at this location.
					5.82	14.50	75.86	125.3	3.93	7.65	5.788	
					5.83	14.50	58.70	135.5	4.44	7.65	5.858	
					5.80	14.50	52.20	135.0	4.23	7.65	5.915	
					5.78	14.50	48.70	136.2	3.47	7.65	5.944	
					5.80	14.40	26.9	143.6	3.21	7.65	5.981	
					5.80	14.40	25.60	132.9	2.96	7.65	5.997	
					5.80	14.50	24.9	118.7	2.75	7.65	6.036	
					5.82	14.70	30.80	121.5	2.60	7.65	6.054	
MW-6A	4/16/2025	13.28	9.49	Low Flow	9.33	8.80	21.90	54.6	9.45	7.31	0.941	Water was clear with no sheen, odor or effervescence.
					9.30	8.90	20.80	61.5	9.01	7.28	0.812	
					9.30	8.90	17.29	69.9	8.56	7.26	0.904	
					9.28	9.00	14.43	71.3	8.50	7.25	0.952	
					9.28	9.00	12.80	78.6	8.42	7.24	0.954	
MW-8	4/17/2025	17.70	14.42	Low Flow	14.40	11.80	24.25	152.7	8.48	7.04	1.976	Water was clear with no odor, sheen, or effervescence. The duplicate CHA-1 was taken at this location
					14.40	12.00	39.08	150.3	7.66	7.04	1.944	
					14.28	12.00	54.32	154.3	7.41	7.00	2.151	
					14.30	12.40	70.75	156.9	5.81	6.91	2.744	
					14.31	12.50	27.80	150.9	4.64	6.95	2.845	
					14.30	12.40	15.55	148.8	4.33	6.96	8.823	
					14.31	12.50	8.00	147.1	4.03	6.97	2.774	
					14.31	12.50	7.47	146.2	4.01	6.97	2.729	
					14.31	12.20	8.32	146.1	4.04	6.97	2.728	
MW-11A	4/17/2025	10.50	8.45	Low Flow	8.42	11.80	2.76	113.5	7.08	7.29	2.523	Water was clear with no odor, sheen or effervescence observed.
					8.38	11.70	2.19	117.3	6.77	7.29	2.500	
					8.35	11.60	1.61	121.6	6.45	7.29	2.471	
					8.34	11.60	10.03	121.4	6.41	7.29	2.377	
					8.36	11.60	9.71	119.5	6.40	7.29	2.327	
					8.35	11.60	8.63	118.2	6.38	7.29	2.354	
MW-12	4/16/2025	13.10	10.37	Low Flow	10.33	15.1	1000.00	9.3	7.83	6.55	3.595	Water was an amber color with no sheen, odor or effervescence observed.
					10.30	15.2	1000.00	8.9	7.76	6.59	3.675	
					10.30	15.2	1000.00	2.6	7.58	6.60	3.880	
					10.31	15.2	1000.00	-5.4	7.63	6.6	3.982	

Table 2
Field Data Summary
Site No. HW442009
April 2025 Biannual Report

Well ID	Date	Well Depth (ft.)	Water Depth (ft.)	Purge Method	Depth to Water	Temp. (°C)	Turbidity (NTU)	ORP/EH (mV)	Dissolved Oxygen (mg/L)	pH	Conductivity (mS/cm)	Field Notes
MW-14A	4/16/2025	13.94	8.11	Low Flow	8.00	10.30	435.26	-53.3	7.34	6.79	1.886	Water was clear with no sheen, odor or effervescence observed.
					7.58	10.30	426.31	-54.1	6.63	6.80	1.836	
					7.50	10.20	413.12	-52.6	6.19	6.85	1.657	
					7.53	10.10	401.62	-49.7	6.03	6.86	1.680	
					7.53	10.20	387.38	-48.3	6.11	6.85	1.641	
					7.56	10.20	381.02	-46.5	6.07	6.85	1.623	
MW-17	4/17/2025	14.30	5.50	Low Flow	5.33	17.20	77.38	-162.1	6.15	8.20	1.360	Water was tinted black with no sheen, odor or effervescence observed.
					5.35	17.30	47.92	-177.3	4.60	8.18	1.361	
					6.34	17.30	25.34	-176.8	3.85	8.16	1.362	
					5.32	17.30	20.74	-174.2	3.38	8.16	1.361	
					5.32	17.30	11.77	-173.6	3.42	8.15	1.360	
					5.31	17.30	10.35	-172.1	3.47	8.15	1.363	
OS-1A	4/17/2025	15.50	13.10	Low Flow	12.98	11.30	2.6	238.7	9.26	7.13	1.558	Water was clear with no sheen, odor or effervescence.
					13.00	11.30	2.54	229.4	8.36	7.18	1.637	
					13.01	11.60	2.59	220.8	7.02	7.22	1.730	
					12.97	11.40	2.99	217.8	6.47	7.26	1.760	
					12.95	11.10	3.59	214.0	6.51	7.23	1.792	
					12.95	11.10	4.26	209.6	5.76	7.24	1.828	
					12.95	11.20	3.32	204.6	5.51	7.25	1.849	
					12.96	11.30	3.27	202.0	5.06	7.25	1.881	
					12.96	11.60	2.99	198.9	4.63	7.24	1.927	
OS-3	4/17/2025	10.90	7.31	Low Flow	12.94	11.60	2.44	196.9	4.19	7.24	1.965	Water was clear with no odor, sheen, or effervescence.
					7.22	8.70	51.6	150.9	8.08	6.83	1.011	
					7.21	8.70	12.54	148.3	7.39	6.83	0.928	
					7.20	8.70	12.71	148.1	7.54	6.85	0.893	
					7.20	8.80	5.42	142.9	7.46	6.82	0.891	
OS-4A	4/17/2025	11.05	6.01	Low Flow	7.20	8.80	5.44	142.4	7.46	6.83	0.888	Water was clear with no sheen, odor, or effervescence.
					5.98	8.2	1.52	149.4	9.36	7.03	1.032	
					5.94	8.1	0.41	151.0	8.67	6.99	1.000	
					5.93	8.1	0.42	151.2	8.40	6.98	1.015	
					5.90	8.1	0.25	151.0	8.00	6.99	1.003	
					5.90	8.1	0.13	151.3	7.51	6.97	1.006	
OS-5A	4/17/2025	12.53	2.71	Low Flow	5.86	8.1	0.1	151.6	7.48	6.96	1.071	Water was clear with no odor, sheen or effervescence observed.
					3.22	8.40	21.24	121.8	10.85	7.48	0.895	
					3.20	9.30	15.73	126.2	10.60	7.39	0.891	
					3.19	9.30	14.38	126.9	10.56	7.37	0.887	
					3.20	9.30	9.87	126.8	10.49	7.36	0.882	
					3.17	9.30	8.6	126.4	10.46	7.4	0.880	

Table 3
Summary of Groundwater Analytical Results
Site No. HW442009
April 2025 Biannual Report

Location			MW-3*	MW-5A	MW-6A	MW-8	MW-11A	MW-12	MW-14A	MW-17	OS-1A	OS-3	OS-4A	OS-5A
Compound	NYSDEC AWQS Method 8260	Units	4/17/2025	4/17/2025	4/16/2025	4/17/2025	4/17/2025	4/16/2025	4/16/2025	4/17/2025	4/16/2025	4/17/2025	4/17/2025	4/17/2025
Volatiles														
Benzene	1	µg/L	140	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	2.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	5	µg/L	2,500	< 2.5	< 2.5	< 2.5	0.83 J	0.99 J	< 2.5	1.2 J	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloroethane	0.6	µg/L	< 12	< 0.5	0.3 J	< 0.5	< 0.5	0.34 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	5	µg/L	< 62	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Metals														
Arsenic	0.025	mg/L	NA	0.00620	0.03040	NA	NA	0.241	1.73	NA	NA	NA	NA	NA
Sodium	20	mg/L	NA	1,020	124	NA	NA	NA	NA	203	NA	NA	NA	NA

µg/L = micrograms per liter
mg/L = milligrams per liter
mS/cm = millisiemens per centimeter
< = Not detected at Laboratory Reporting Limit
J = Analyte detected below quantitation limits
NA = Sample was not analyzed for this parameter.
Values exceeding their respective AWQS values are bolded.
* MW-3 was analyzed for TCL VOCs during each event starting in October 2021. No VOCs other than benzene and chlorobenzene were detected

Table 4
MW-3 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	910	5,600
Nov-90	840	15,000
May-91	600	< 300
Oct-91	2,400	44,000
Apr-92	740	22,000
Sep-92	960	34,000
Apr-93	5,000	92,000
Oct-93	2,600	65,000
Apr-94	3,400	74,000
Nov-94	340	51,000
Apr-95	7,000	172,000
Nov-95	2,500	34,000
May-96	< 5,000	28,000
Dec-96	5,200	40,000
May-97	6,000	48,000
Dec-97	3,500	30,000
Jun-98	11,000	21,000
Nov-98	8,000	54,000
Dec-98	9,000	94,500
Apr-99	1,400	23,000
Dec-99	1,500	18,000
Apr-00	2,900	50,000
Oct-00	6,000	30,000
Apr-01	3,600	< 50
Oct-01	9,500	55,000
Apr-02	3,500	30,000
Oct-02	2,500	18,500
Apr-03	3,000	25,000
Nov-03	5,500	35,000
May-04	3,400	46,000
Nov-04	1,900	16,000
May-05	3,000	27,000
Nov-05	11,000	37,000
May-06	1,200	17,000
Nov-06	8,200	66,000
Jun-07	6,900	31,000
Nov-07	17,000	100,000
May-08	4,200	68,000
Nov-08	1,800	28,000
May-09	6,700	81,000
Nov-09	11,000	51,000
Apr-10	930	14,000
Oct-10	460	9,100
Apr-11	1000	21,000
Oct-11	< 500	13,000

Table 4
MW-3 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-12	< 250	9,400
Oct-12	< 250	4,100
Apr-13	< 1,200	33,000
Oct-13	< 1,000	12,000
Apr-14	< 500	5,600
Oct-14	< 250	4,500
Apr-15	< 120	4,500
Oct-15	< 120	4,400
Apr-16	< 250	6,800
Oct-16	270	5,800
Apr-17	< 500	14,000
Oct-17	< 1000	8,800
Apr-18	1,400	30,000
Oct-18	< 1,000	8,800
Apr-19	<500	13,000
Oct-19	360	4,000
Apr-20	COVID	COVID
Oct-20	180	6,400
Apr-21	280	7,000
Oct-21	920	18,000
Apr-22	240	6,900
Oct-22	710	6,500
Apr-23	1800	32,000
Oct-23	690	15,000
Apr-24	500	10,000
Oct-24	1400	7,900
Apr-25	140	2,500

< = Not Detected at Reporting Limit

Table 4
MW-5A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)	1,2 - Dichloroethane (µg/l)
Apr-90	< 5	< 5	NA
Nov-90	150	< 5	NA
May-91	71	< 5	NA
Oct-91	37	< 5	NA
May-92	13	< 5	NA
Sep-92	160	<25	NA
Apr-93	32	<25	NA
Oct-93	490	32	NA
Apr-94	< 50	<50	NA
Nov-94	500	<250	NA
Nov-94	270	12	NA
Apr-95	< 5	8	NA
Nov-95	160	<50	NA
May-96	< 5	< 5	NA
Dec-96	16	< 5	NA
May-97	23	< 5	NA
Dec-97	50	< 5	NA
Jun-98	10	< 5	NA
Jul-98	24	1 J	NA
Aug-98	16	ND	NA
Aug-98	16	ND	NA
Sep-98	< 5	< 5	NA
Oct-98	71	35	NA
Nov-98	< 5	< 5	NA
Dec-98	< 5	9	NA
Apr-99	< 5	< 5	NA
Dec-99	< 5	< 5	NA
Apr-00	< 5	< 5	NA
Oct-00	< 5	< 5	NA
Apr-01	< 5	< 5	NA
Oct-01	120	< 50	NA
Apr-02	< 130	< 130	NA
Oct-02	80	< 50	NA
Apr-03	< 25	< 25	NA
Nov-03	53	< 10	NA
May-04	270	13	NA
Nov-04	92	< 5	NA
May-05	270	< 10	NA
Nov-05	95	9	NA
May-06	440	< 25	NA
Nov-06	< 10	< 10	NA
Jun-07	< 5	< 5	NA
Nov-07	5.2	< 5	NA
May-08	< 5	< 5	NA
Nov-08	< 5	< 5	NA

Table 4
MW-5A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)	1,2 - Dichloroethane (µg/l)
May-09	< 5	< 5	NA
Nov-09	< 5	< 5	NA
Apr-10	< 5	< 5	< 5
Oct-10	< 5	< 5	17
Apr-11	< 5	< 5	< 5
Oct-11	< 5	< 5	< 5
Apr-12	<5	8.4	< 5
May-12	< 5	< 5	< 5
Oct-12	< 5	6.3	< 5
Apr-13	< 5	< 5	< 5
Oct-13	< 5	< 5	< 5
Apr-14	< 5	< 5	< 5
Oct-14	< 5	< 5	< 5
Apr-15	< 5	< 5	< 5
Oct-15	< 5	< 5	< 5
Apr-16	< 5	< 5	< 5
Oct-16	< 5	< 5	< 5
Apr-17	< 5	< 5	< 5
Oct-17	< 5	< 5	< 5
Apr-18	< 5	< 5	< 5
Oct-18	< 5	< 5	< 5
Apr-19	< 5	< 5	< 5
Oct-19	< 5	< 5	< 5
Apr-20	COVID	COVID	COVID
Oct-20	<0.5	<0.5	<0.5
Apr-21	<0.5	<0.5	<0.5
Oct-21	15	<0.5	<0.5
Apr-22	1.1	<0.5	<0.5
Oct-22	6.6	<0.5	0.7
Apr-23	<0.5	<0.5	<0.5
Oct-23	0.48 J	<0.5	1.1
Apr-24	<0.5	<2.5	<0.5
Oct-24	<0.5	<2.5	1.9
Apr-25	<0.5	<2.5	<0.5

< = Not Detected at Reporting Limit

J denotes a Laboratory estimated concentration

NA = data not available

Table 4
MW-6A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Oct-91	78	30
Apr-92	29	17
Sep-92	33	39
Apr-93	< 5	< 5
Oct-93	< 5	6
Apr-94	19	< 5
Nov-94	350	59
Apr-95	290	41
Nov-95	100	33
May-96	190	32
Dec-96	240	42
May-97	7	< 5
Dec-97	97	17
Dec-97	120	17
Jun-98	92	11
Jul-98	66	14
Aug-98	78	15
Aug-98	88	15
Sep-98	< 5	< 5
Oct-98	ND	ND
Nov-98	100	21
Dec-98	71	14
Apr-99	15	<5
Dec-99	120	18
Dec-99 (dup)	75	11
Apr-00	51	6.3
Oct-00	41	7
Apr-01	30	< 5
Oct-01	<5	< 5
Apr-02	10	< 5
Oct-02	< 5	< 5
Apr-03	11	< 5
Nov-03	57	9.6
May-04	20	5.6
Nov-04	24	5.8
May-05	16	< 5
Nov-05	29	6.4
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5

Table 4
MW-6A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	1.5
Apr-21	< 0.5	<0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	1.0
Oct-22	0.7	0.5
Apr-23	< 0.5	0.6
Oct-23	< 0.5	<2.5
Apr-24	< 0.5	<2.5
Oct-24	< 0.5	<2.5
Apr-25	< 0.5	<2.5

< = Not Detected at Reporting Limit

Table 4
MW-8 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	< 5	< 5
Nov-90	< 5	< 5
May-91	< 5	< 5
Oct-91	< 5	< 5
May-92	< 5	< 5
Sep-92	< 5	< 5
Apr-93	< 5	< 5
Oct-93	< 5	< 5
Apr-94	< 5	< 5
Nov-94	< 5	< 5
Apr-95	< 5	< 5
Nov-95	< 5	< 5
May-96	< 5	< 5
Dec-96	< 5	< 5
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Nov-98	< 5	< 5
Dec-98	NS	NS
Apr-99	< 5	< 5
Dec-99	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Apr-11	< 5	< 5
Nov-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5

Table 4
MW-8 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Oct-13	< 5	< 5
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	< 2.5
Apr-24	< 0.5	< 2.5
Oct-24	< 0.5	3.2
Apr-25	< 0.5	0.83 J

< = Not Detected at Reporting Limit

NS = Not Sampled

Table 4
MW-11 | MW-11A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Oct-93	< 5	< 5
Apr-94	< 5	< 5
Apr-95	< 5	< 5
Nov-95		< 5
May-96	< 5	< 5
Dec-96	NS	NS
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Jul-98	< 5	< 5
Aug-98	< 5	< 5
Aug-98	< 5	< 5
Sep-98	< 5	< 5
Oct-98	< 5	< 5
Dec-99	< 5	< 5
Dec-99 (dup)	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5

Table 4
MW-11 | MW-11A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	<2.5
Apr-24	< 0.5	<2.5
Oct-24	< 0.5	<2.5
Apr-25	< 0.5	0.83 J

< = Not Detected at Reporting Limit

NS = Not Sampled

MW-11 replaced with MW-11A July 1998

Table 4
MW-12 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)
Apr-90	< 5	< 5	NA
Nov-90	< 5	< 5	NA
May-91	< 5	< 5	NA
Oct-91	< 5	< 5	NA
May-92	< 5	< 5	NA
Sep-92	< 5	< 5	NA
Apr-93	< 5	< 5	NA
Oct-93	< 5	< 5	NA
Apr-94	< 5	< 5	NA
Nov-94	< 5	< 5	NA
Apr-95	< 5	< 5	NA
Nov-95	< 5	< 5	NA
May-96	< 5	< 5	NA
Dec-96	< 5	< 5	NA
May-97	< 5	< 5	NA
Dec-97	< 5	< 5	NA
Jun-98	< 5	< 5	NA
Jul-98	< 5	< 5	NA
Aug-98	< 5	< 5	NA
Aug-98	< 5	< 5	NA
Sep-98	< 5	< 5	NA
Oct-98	< 5	< 5	NA
Nov-98	< 5	< 5	NA
Nov-98	< 5	< 5	NA
Dec-98	< 5	2 J	NA
Dec-98	< 5	< 5	NA
Apr-99	< 5	< 5	NA
Dec-99	< 5	< 5	NA
Apr-00	< 5	< 5	NA
Oct-00	< 5	< 5	NA
Apr-01	< 50	< 50	NA
Oct-01	< 50	< 50	NA
Apr-02	< 5	< 5	NA
Oct-02	< 50	< 50	NA
Apr-03	< 5	< 5	NA
Nov-03	< 5	< 5	NA
May-04	< 5	< 5	NA
Nov-04	< 5	< 5	NA
May-05	< 5	< 5	NA
Nov-05	< 5	< 5	NA
May-06	< 5	< 5	NA
Nov-06	< 5	< 5	NA
Jun-07	< 5	< 5	NA
Nov-07	< 5	< 5	NA
May-08	< 5	< 5	NA
Nov-08	< 5	< 5	NA
May-09	< 5	< 5	NA

Table 4
MW-12 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)
Oct-09	< 5	< 5	NA
Apr-10	< 5	< 5	< 5
Oct-10	< 5	< 5	14
Apr-11	< 5	< 5	< 5
Oct-11	< 5	< 5	6.2
Dec-11	< 5	< 5	< 5
Apr-12	< 5	< 5	< 5
Oct-12	< 5	< 5	< 5
Apr-13	< 5	< 5	< 5
Oct-13	< 5	< 5	< 5
Apr-14	< 5	< 5	< 5
Oct-14	< 5	< 5	< 5
Apr-15	< 5	< 5	< 5
Oct-15	< 5	< 5	< 5
Apr-16	< 5	< 5	< 5
Oct-16	< 5	< 5	< 5
Apr-17	< 5	< 5	5,000
Oct-17	< 250	< 250	< 250
Apr-18	< 5	< 5	75
Oct-18	< 5	< 5	8.6
Apr-19	< 5	< 5	< 5
Oct-19	< 5	< 5	< 5
Apr-20	COVID	COVID	COVID
Oct-20	< 0.5	1.7	2.4
Apr-21	< 0.5	0.4 J	0.7
Oct-21	<0.5	<0.5	<0.5
Apr-22	< 0.5	<0.5	<0.5
Oct-22	< 0.5	0.5	1.0
Apr-23	4	110.0	91.0
Oct-23	< 0.5	6.9	1.2
Apr-24	<5	8.5 J	<5
Oct-24	<1.2	<6.2	1.3
Apr-25	<0.5	0.99 J	0.34 J

< = Not Detected at Reporting Limit

Table 4

MW-14 | MW-14A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	< 5	< 5
Nov-90	< 5	< 5
May-91	< 5	< 5
Oct-91	< 5	< 5
May-92	< 5	< 5
Sep-92	9	< 5
Apr-93	< 5	< 5
Oct-93	11	< 5
Apr-94	86	< 5
Nov-94	35	< 5
Apr-95	19	6
Nov-95	9	7
May-96	< 5	5
Dec-96	36	8
May-97	< 5	< 5
Dec-97	46	< 5
Jun-98	< 5	< 5
Nov-98	280	8
Dec-98	NS	NS
Apr-99	33	7
Dec-99	12	6
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5

Table 4**MW-14 | MW-14A Historical Groundwater Analytical Results**

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	1.6
Apr-21	< 0.5	1.0
Oct-21	<0.5	<0.5
Apr-22	< 0.5	0.6
Oct-22	< 0.5	2.8
Apr-23	< 0.5	0.9
Oct-23	0.26 J	< 2.5
Apr-24	<0.5	< 2.5
Oct-24	<0.5	3.0
Apr-25	<0.5	<2.5

< = Not Detected at Reporting Limit

NS = Not Sampled

MW-14 replaced with MW-14A May 1996

Table 4
MW-17 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Dec-96	63	< 5
Feb-97	57	< 25
May-97	42	< 5
Dec-97	50	< 5
Jun-98	< 5	< 5
Jul-98	38	3 J
Aug-98	29	2 J
Aug-98	35	3 J
Sep-98	37	3 J
Oct-98	35	5 J
Nov-98	29	< 5
Dec-98	13	2 J
Apr-99	< 5	< 5
Dec-99	9	< 5
Oct-00	35	< 5
Apr-01	3 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	23	< 5
Apr-03	56	< 5
Nov-03	38	< 5
May-04	35	< 5
Nov-04	1 1	< 5
May-05	13	< 5
Nov-05	22	< 5
May-06	24	< 5
Nov-06	11	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	6.8	< 5
Oct-11	24	< 5
Apr-12	12	< 5
Oct-12	11	< 5
Apr-13	< 5	< 5
Oct-13	14	< 5
Apr-14	6.6	< 5
Oct-14	6.5	< 5
Apr-15	5.8	< 5
Oct-15	7.3	< 5
Apr-16	7.6	< 5
Oct-16	5.0	< 5
Apr-17	5.6	< 5

Table 4
MW-17 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	0.8
Apr-21	< 0.5	0.4 J
Oct-21	<0.5	<0.5
Apr-22	3.2	0.9
Oct-22	4.5	0.9
Apr-23	5	0.7
Oct-23	5.9	<2.5
Apr-24	2.9	0.85 J
Oct-24	0.34 J	0.76 J
Oct-24	2.5	1.2 J

< = Not Detected at Reporting Limit

J denotes a laboratory estimation

Table 4
OS-1A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Dec-96	< 5	< 5
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Nov-98	< 5	< 5
Apr-99	< 5	< 5
Dec-99	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5

Table 4
OS-1A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-18	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	< 2.5
Apr-24	< 0.5	< 2.5
Oct-24	< 0.5	< 2.5
Apr-25	< 0.5	< 2.5

< = Not Detected at Reporting Limit

NA = Not Available

Table 4
OS-3 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	< 5	< 5
Nov-90	< 5	< 5
Feb-91	< 5	< 5
May-91	< 5	< 5
Oct-91	< 5	< 5
Apr-92	< 5	< 5
Sep-92	< 5	< 5
Apr-93	< 5	< 5
Oct-93	< 5	< 5
Apr-94	< 5	< 5
Nov-94	< 5	< 5
Apr-95	< 5	< 5
Nov-95	< 5	< 5
May-96	< 5	< 5
Dec-96	< 5	< 5
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Nov-98	< 5	< 5
Apr-99	< 5	< 5
Dec-99	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5

Table 4
OS-3 Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	< 2.5
Apr-24	< 0.5	< 2.5
Oct-24	< 0.5	< 2.5
Apr-25	< 0.5	< 2.5

< = Not Detected at Reporting Limit

NA = Not Available

10/4/2024

Table 4
OS-4 | OS-4A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	< 5	< 5
Nov-90	< 5	< 5
Oct-91	< 5	< 5
Apr-92	< 5	< 5
Sep-92	DRY	DRY
Apr-93	DRY	DRY
Oct-93	DRY	DRY
Apr-94	DRY	DRY
Nov-94	DRY	DRY
Apr-95	< 5	< 5
Nov-95	DRY	DRY
May-96	< 5	< 5
Dec-96	< 5	< 5
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Nov-98	< 5	< 5
Apr-99	< 5	< 5
Dec-99	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5

Table 4
OS-4 | OS-4A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-13	< 5	< 5
Oct-13	< 5	< 5
Apr-14	< 5	< 5
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	< 2.5
Apr-24	< 0.5	< 2.5
Oct-24	< 0.5	< 2.5
Apr-25	< 0.5	< 2.5

< = Not Detected at Reporting Limit

NA = Not Available

OS-4 replaced with OS-4A May 1996

Table 4
OS-5 | OS-5A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Apr-90	< 5	< 5
Nov-90	< 5	< 5
May-91	< 5	< 5
Oct-91	< 5	< 5
Apr-92	< 5	< 5
Sep-92	DRY	DRY
Apr-93	DRY	DRY
Apr-94	< 5	< 5
Nov-94	DRY	DRY
Apr-95	< 5	< 5
Nov-95	< 5	< 5
May-96	< 5	< 5
Dec-96	< 5	< 5
May-97	< 5	< 5
Dec-97	< 5	< 5
Jun-98	< 5	< 5
Nov-98	< 5	< 5
Apr-99	< 5	< 5
Dec-99	< 5	< 5
Apr-00	< 5	< 5
Oct-00	< 5	< 5
Apr-01	< 5	< 5
Oct-01	< 5	< 5
Apr-02	< 5	< 5
Oct-02	< 5	< 5
Apr-03	< 5	< 5
Nov-03	< 5	< 5
May-04	< 5	< 5
Nov-04	< 5	< 5
May-05	< 5	< 5
Nov-05	< 5	54
Dec-05	< 5	< 5
May-06	< 5	< 5
Nov-06	< 5	< 5
Jun-07	< 5	< 5
Nov-07	< 5	< 5
May-08	< 5	< 5
Nov-08	< 5	< 5
May-09	< 5	< 5
Oct-09	< 5	< 5
Apr-10	< 5	< 5
Oct-10	< 5	< 5
Apr-11	< 5	< 5
Oct-11	< 5	< 5
Apr-12	< 5	< 5
Oct-12	< 5	< 5
Apr-13	< 5	< 5
Oct-13	< 5	< 5
Apr-14	< 5	< 5

Table 4
OS-5 | OS-5A Historical Groundwater Analytical Results

Date	Benzene (µg/l)	Chlorobenzene (µg/l)
Oct-14	< 5	< 5
Apr-15	< 5	< 5
Oct-15	< 5	< 5
Apr-16	< 5	< 5
Oct-16	< 5	< 5
Apr-17	< 5	< 5
Oct-17	< 5	< 5
Apr-18	< 5	< 5
Oct-18	< 5	< 5
Apr-19	< 5	< 5
Oct-19	< 5	< 5
Apr-20	COVID	COVID
Oct-20	< 0.5	< 0.5
Apr-21	< 0.5	< 0.5
Oct-21	<0.5	<0.5
Apr-22	< 0.5	< 0.5
Oct-22	< 0.5	< 0.5
Apr-23	< 0.5	< 0.5
Oct-23	< 0.5	<2.5
Apr-24	< 0.5	<2.5
Oct-24	< 0.5	<2.5
Apr-25	< 0.5	<2.5

< = Not Detected at Reporting Limit

NA = Not Available

OS-5 replaced with OS-5A May 1996

Table 5
Waste Characterization Analytical Results
Detected Compounds Only
Site No. HW442009
April 2025 Biannual Report

				WC-1-20250417	
		TAGM 3028 Contained-In Groundwater Action Level	Units		
Acetone	67-64-1	50	µg/L	1.6	J
Benzene	71-43-2	1	µg/L	5.6	
Chlorobenzene	108-90-7	5	µg/L	73	
Methyl tert-butyl ether	1634-04-4	NS	µg/L	3.6	
SVOCs					
Benzo[a]anthracene	56-55-3	0.002	µg/L	0.04	J
Benzo[b]fluoranthene	205-99-2	0.002	µg/L	0.04	J
Benzo[g,h,i]perylene	191-24-2	50	µg/L	0.03	J
Chrysene	218-01-9		µg/L	0.03	J
Fluoranthene	206-44-0	50	µg/L	0.05	J
Indeno[1,2,3-cd]pyrene	193-39-5		µg/L	0.03	J
Phenol	108-95-2	3	µg/L	1.5	J
Pyrene	129-00-0	0.2	µg/L	0.05	J
Pesticides					
4,4'-DDD			µg/L	0.014	J
Dieldrin			µg/L	0.011	J
Herbicides					
No Detections					
Polychlorinated Biphenyls					
No Detections					
Metals					
Arsenic	7440-38-2	25	µg/L	157	
Barium	7440-39-3	1,000	µg/L	71.8	
Chromium	7440-47-3	50	µg/L	2.4	J
Lead	7439-92-1	15	µg/L	3.1	J
Mercury	7439-97-6	2	µg/L	0.15	J

Notes:

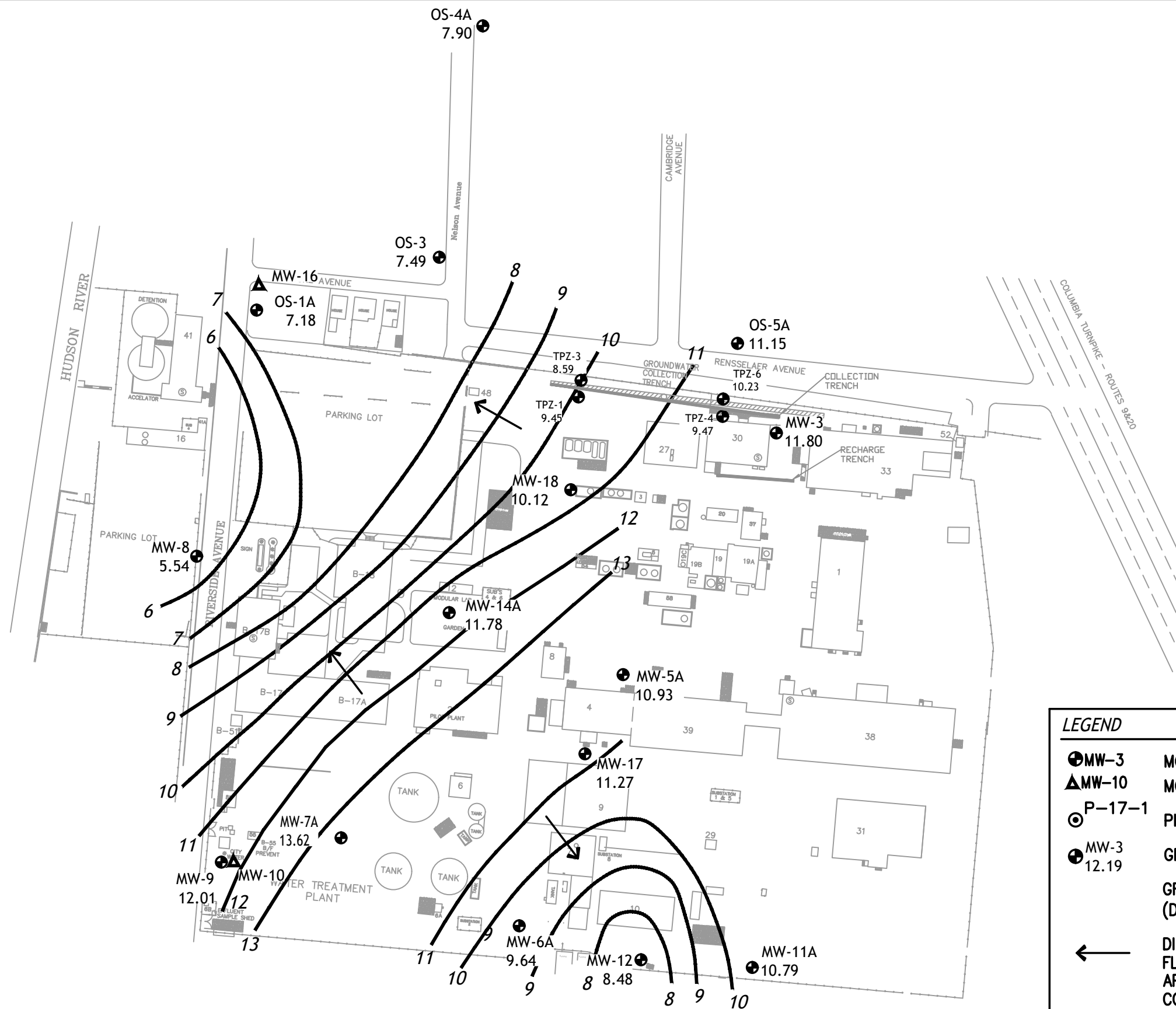
Sample was collected by CHA Consulting, Inc. on April 17, 2025 and transmitted to Pace Analytical
Samples are compared to the NYSDEC Contained-In Parameter, Groundwater Action Level.

J - Estimated value. Concentration identified above the Method Detection Limit but below the Reporting Limit.

NS - No Standard

FIGURES

File: V:\PROJECTS\ANY\K7\075104.001\09_DESIGN\DRAWINGS\ENV\2025 APRIL CONTOUR MAP.DWG
Saved: 6/9/2025 5:30:24 PM Plotted: 7/11/2025 7:09:28 AM User: Miller, Samantha LastSavedBy: 3511



SOURCE: PLANT SITE MAP, DATED OCTOBER 27, 2009 BY SAIC

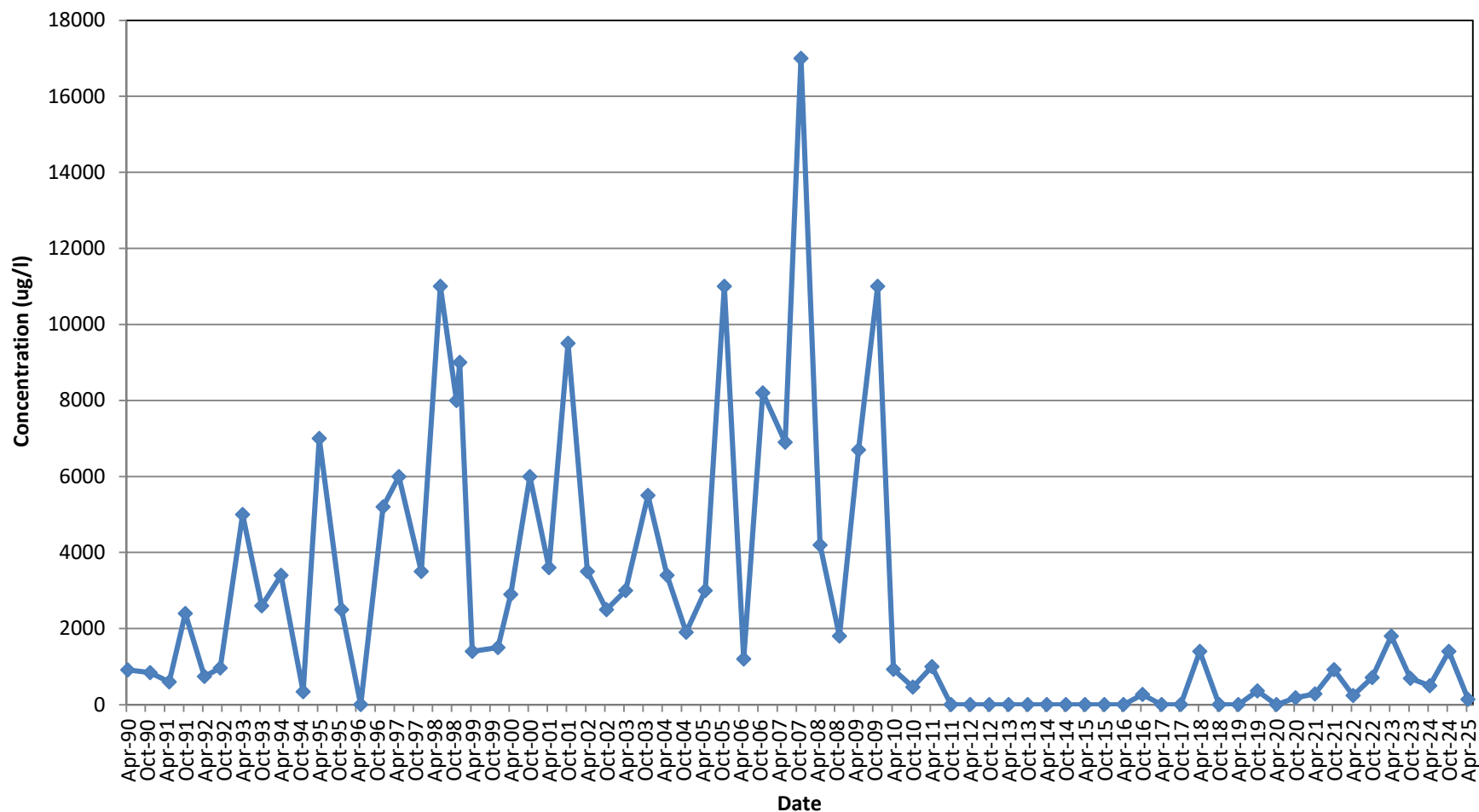


GROUNDWATER ELEVATION CONTOUR MAP
MONITORING DATE: APRIL 2025
CURIA NEW YORK, NYSDEC SITE NO. 442009
33 RIVERSIDE AVENUE
RENSSELAER, NEW YORK

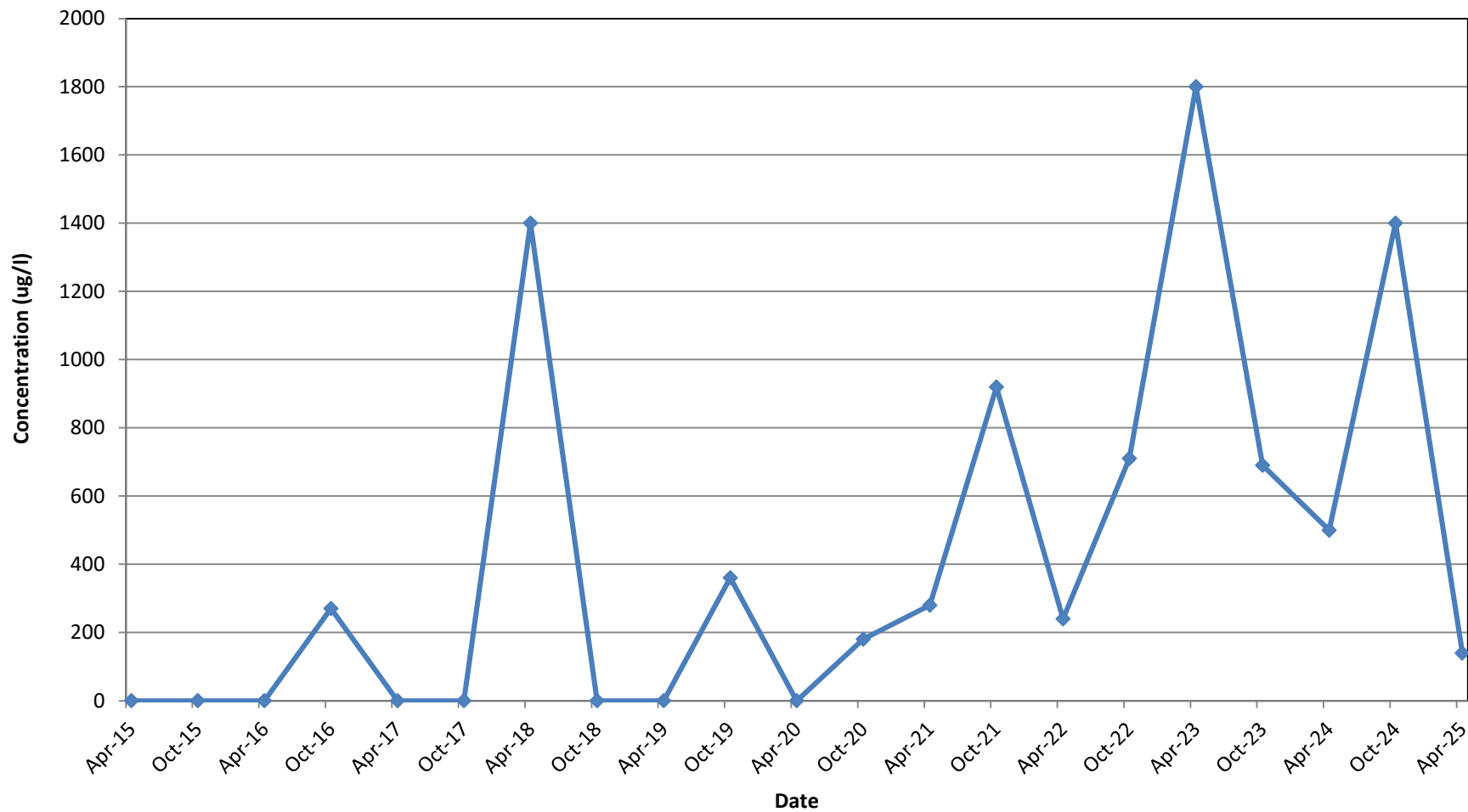
PROJECT NO.
075104
DATE: 06/2025
FIGURE 1

GRAPHS

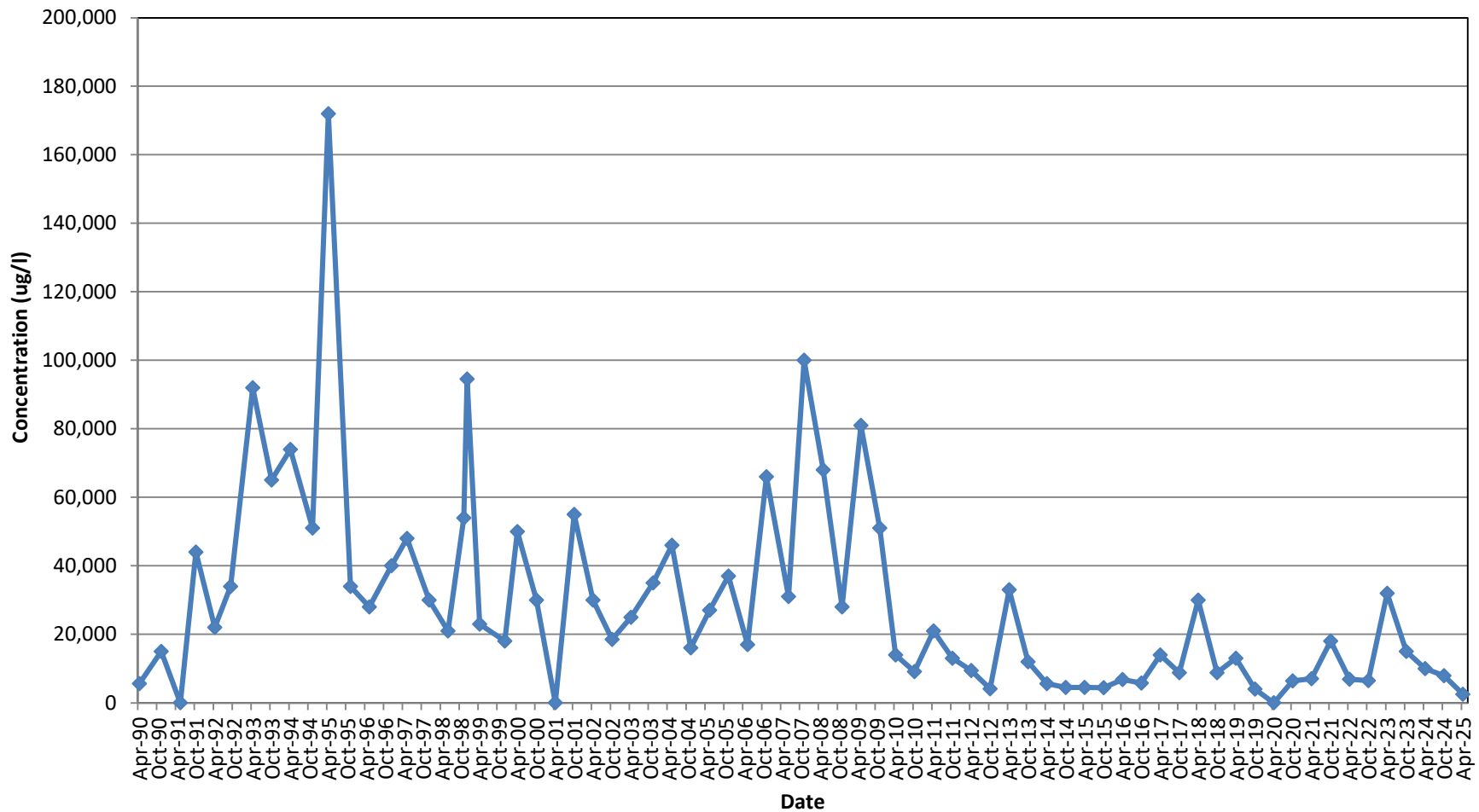
Graph 1
MW-3 Benzene Concentrations vs. Time(April 1990 - April 2025)
Site No. HW442009
April 2025 Biannual Report



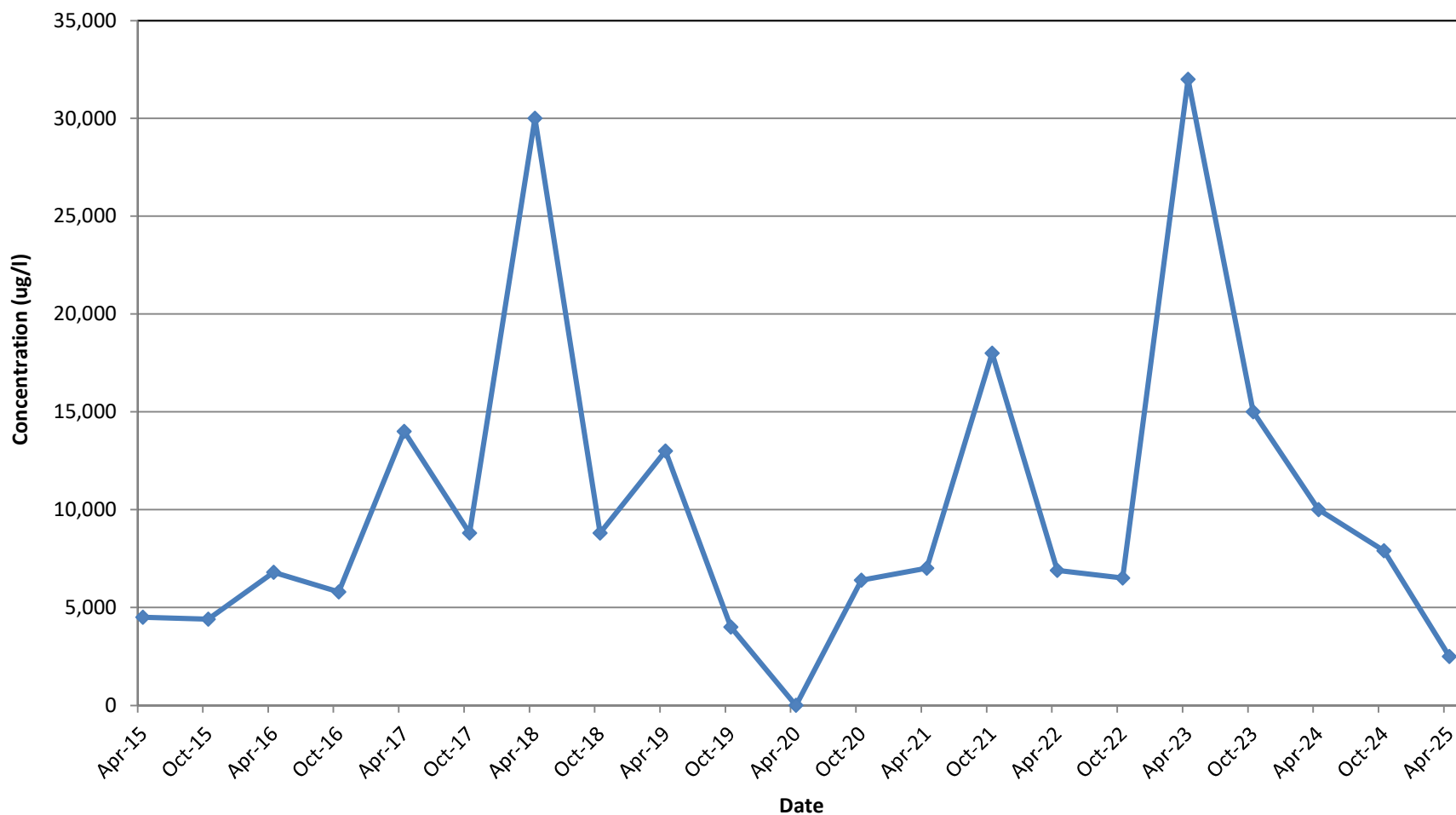
Graph 1A
MW-3 Benzene Concentrations vs. Time (April 2015 - April 2025)
Site No. HW442009
April 2025 Biannual Report



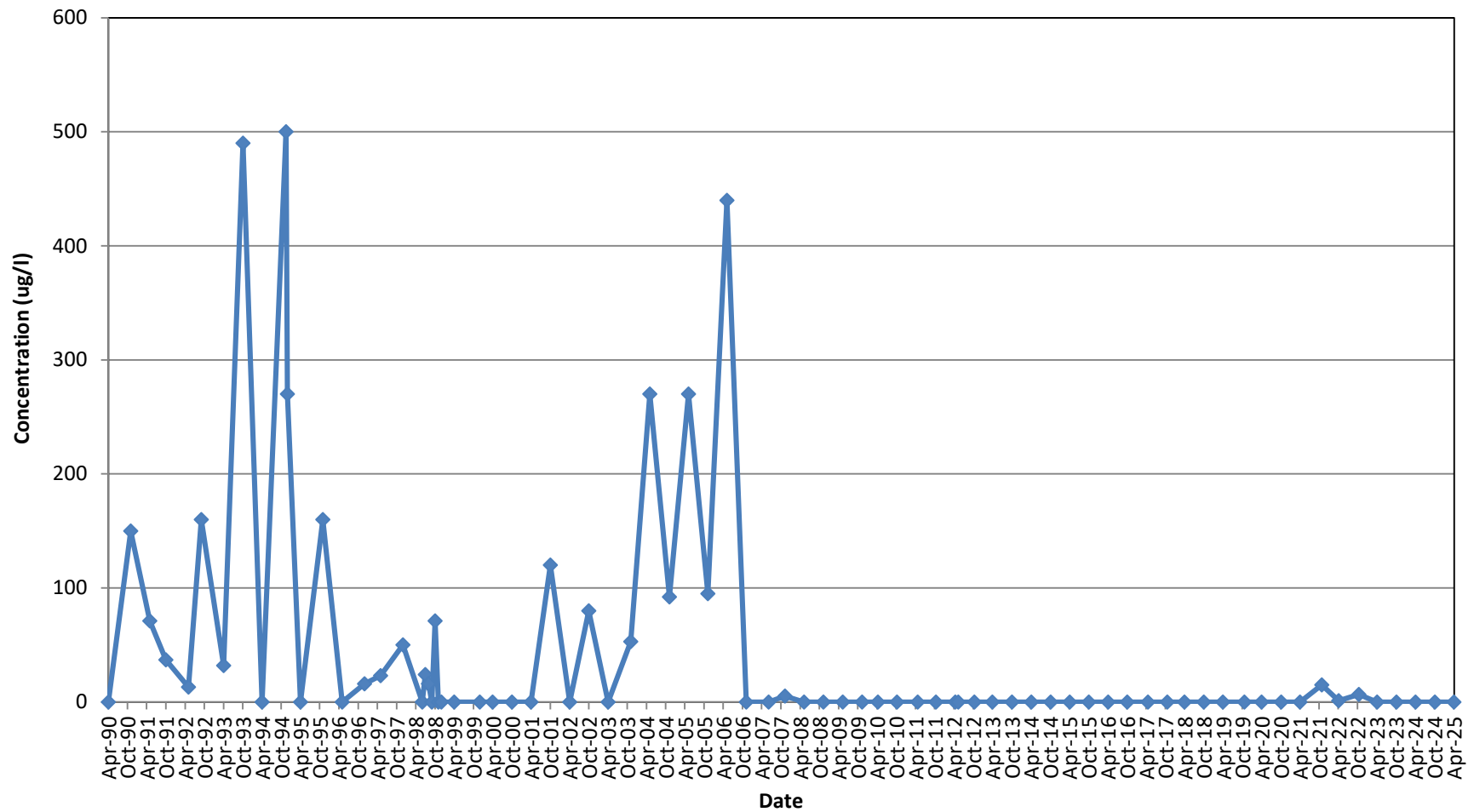
Graph 2
MW-3 Chlorobenzene Concentrations vs. Time (April 1990 - April 2025)
Site No. HW442009
April 2025 Biannual Report



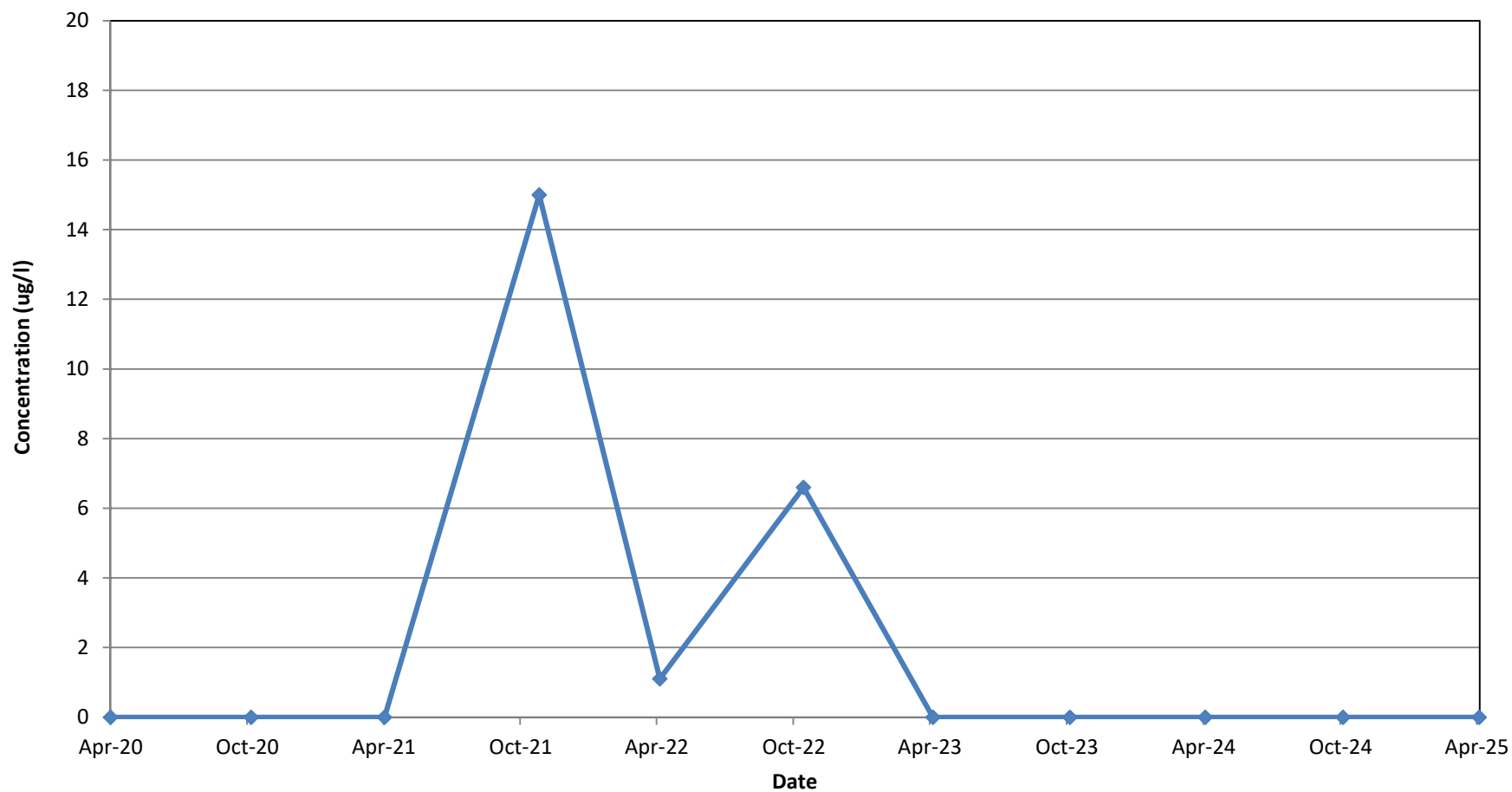
Graph 2A
MW-3 Chlorobenzene Concentrations vs. Time (April 2015 - April 2025)
Site No. HW442009
April 2025 Biannual Report



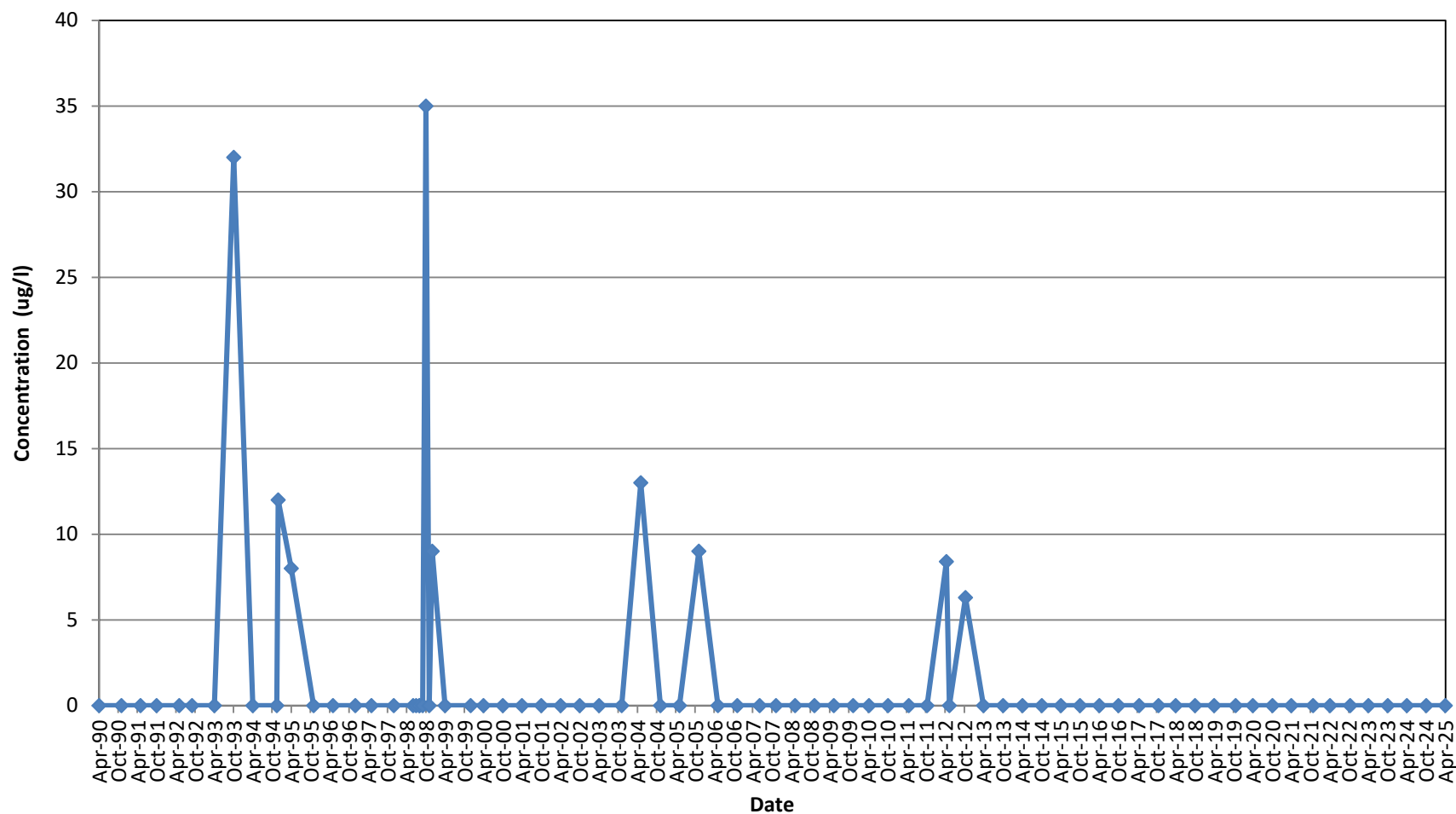
Graph 3
MW-5/MW-5A Benzene Concentrations vs. Time (April 1990 - April 2025)
Site No. HW442009
April 2025 Biannual Report



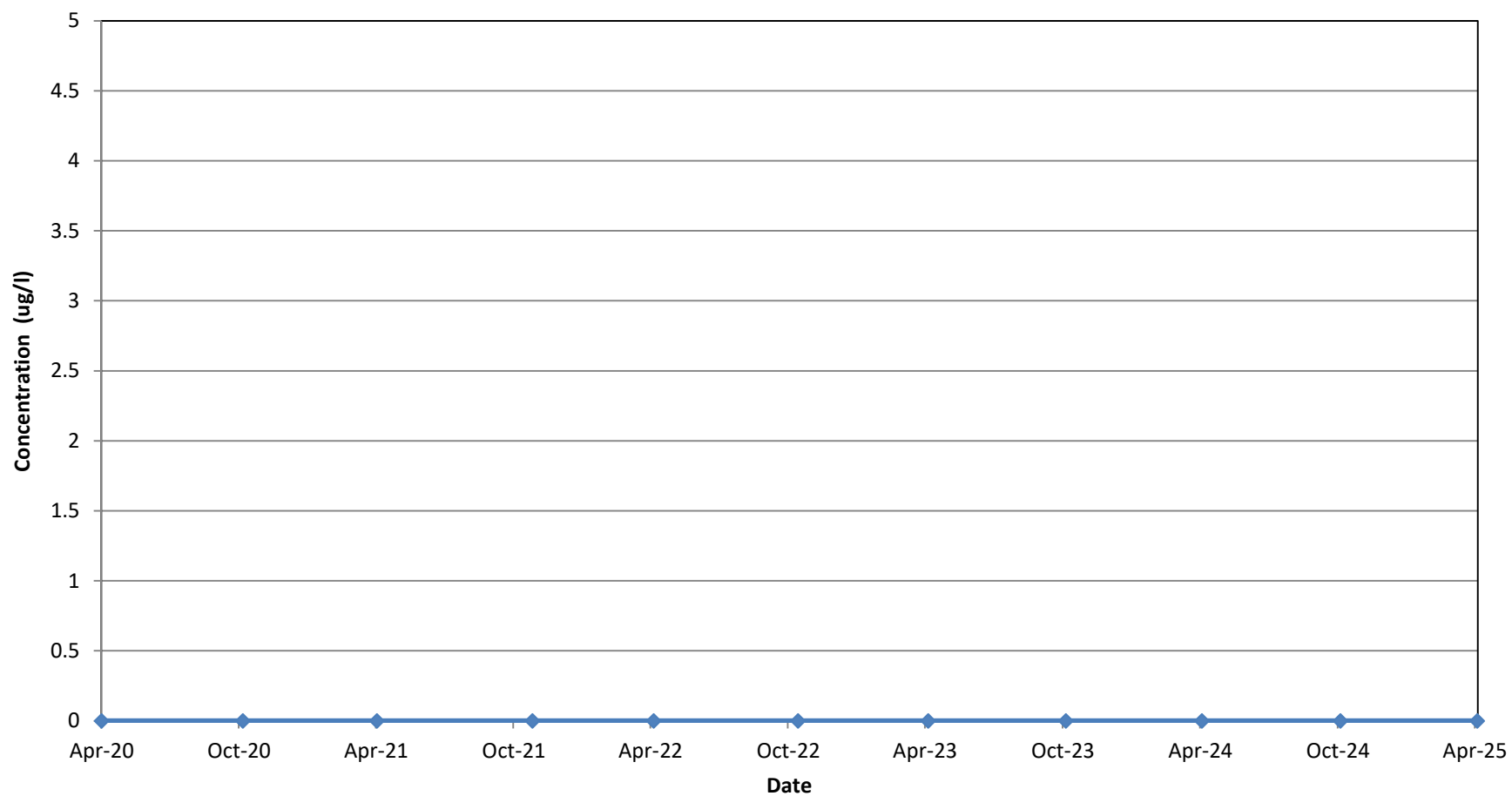
Graph 3A
MW-5/MW-5A Benzene Concentrations vs. Time (April 2020 - April 2025)
Site No. HW442009
April 2025 Biannual Report



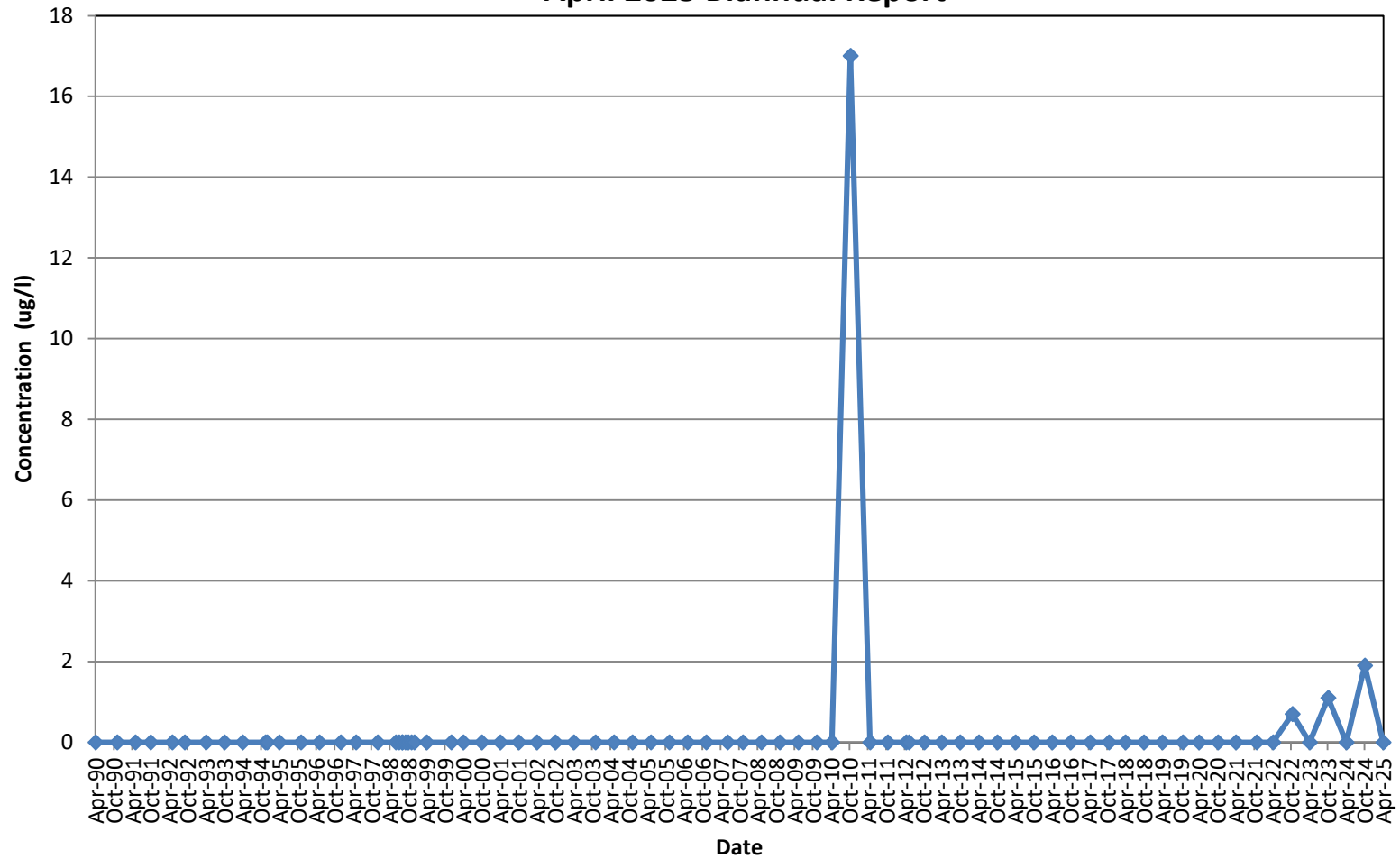
Graph 4
MW-5/MW-5A Chlorobenzene Concentrations vs. Time (April 1990 - April 2025)
Site No. HW442009
April 2025 Biannual Report



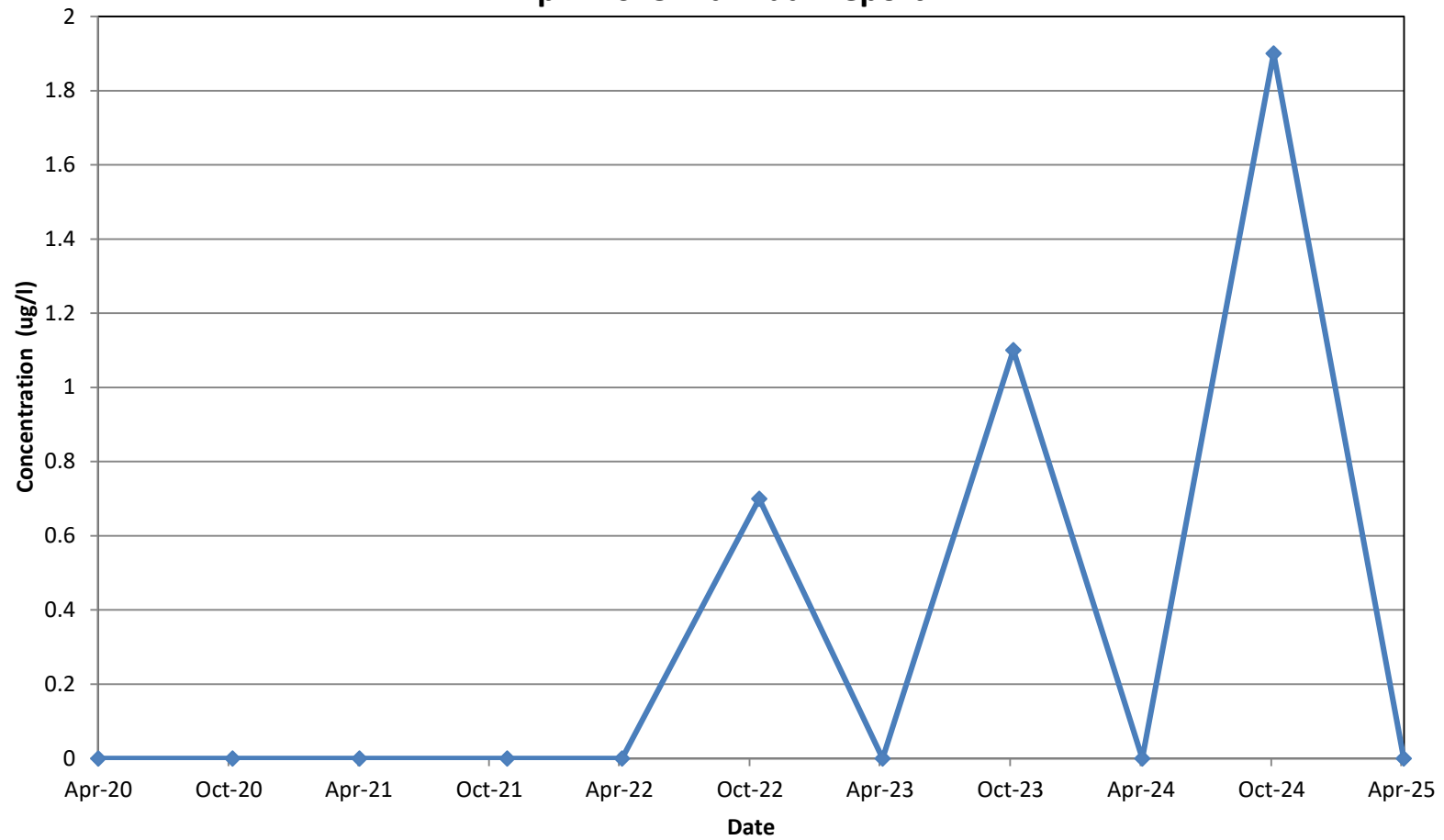
Graph 4A
MW-5/MW-5A Chlorobenzene Concentrations vs. Time (April 2020 - April 2025)
Site No. HW442009
April 2025 Biannual Report



Graph 5
MW-5/MW-5A 1,2 - Dichloroethane Concentrations vs. Time (April 1990 -
April 2025)
Site No. HW442009
April 2025 Biannual Report

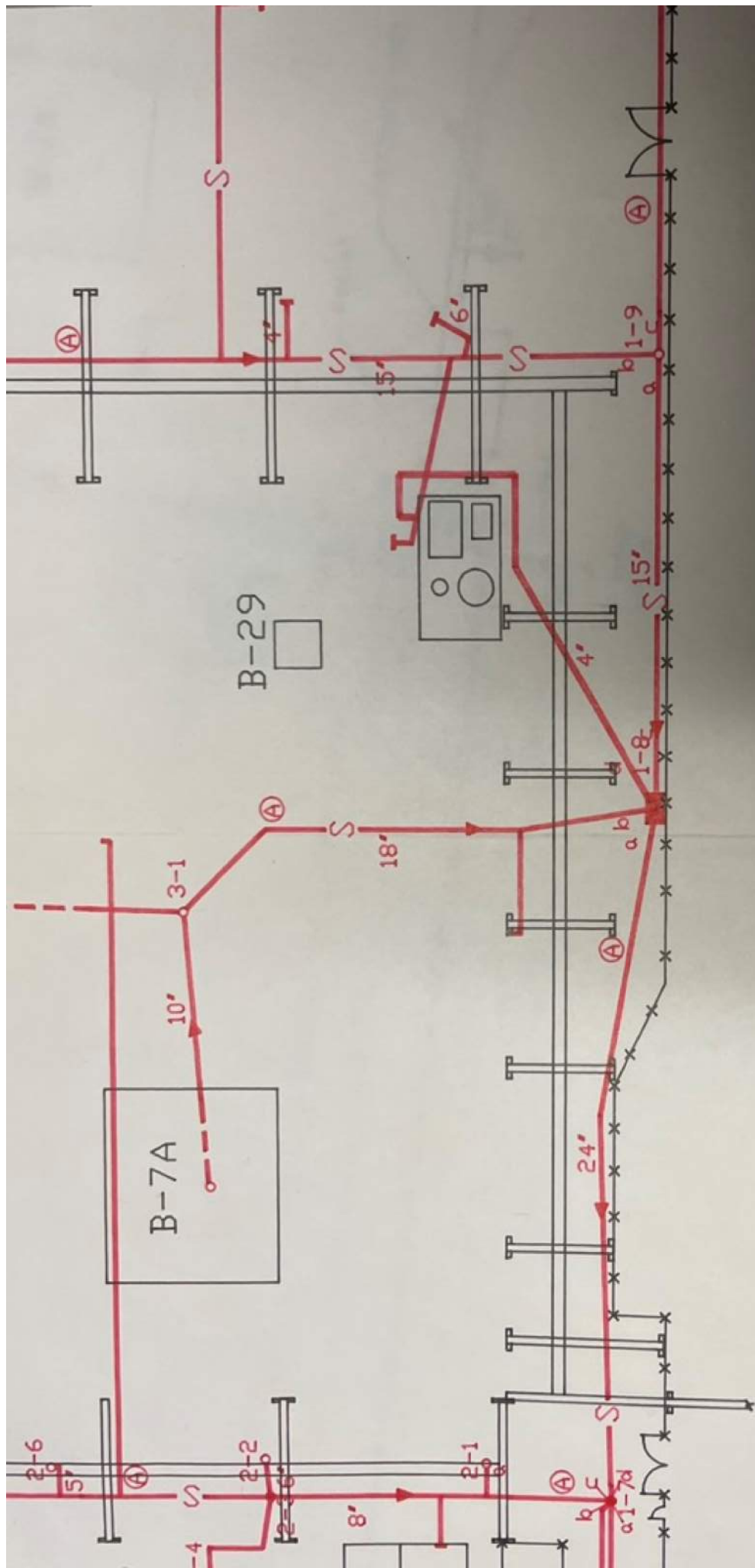


Graph 5A
MW-5/MW-5A 1,2 - Dichloroethane Concentrations vs. Time (April 2020 -
April 2025)
Site No. HW442009
April 2025 Biannual Report



APPENDIX A

Stormwater Catch Basin Provided Information



NO. ELEV.	INVERT SIZE	NO. ELEV.	INVERT SIZE	NO. ELEV.	INVERT SIZE	NO. ELEV.	INVERT SIZE
1-1 16.85	a 1.30 30 b 0.32 30 c 1.74 15	2-11 17.21	a 13.93 6 b 13.87 6	3-13 16.60	a 13.56 8 b 13.72 8	4-11 17.00	a 10.85 6 b 10.82 6 c 10.82 6 d 10.73 8
1-2 16.66	a 10.33 8 b 13.15 8 c 1.76 27 d 1.56 30 e -----	2-12 17.12	a 14.71 6 b 14.62 6	3-14 16.85	a ----- 6 b ----- 6	5-1 19.29	a 11.16 21 b 11.44 12 c 11.07 15
1-3 17.82	a 13.33 8 b 13.40 8	2-13 17.34	a ----- 6	3-15 17.38	a 15.68 6	5-4 19.33	a 12.60 15 b 12.67 21
1-4 17.82	a 14.26 8	2-14 17.34	a 12.92 8	3-16 16.59	a 10.99 12 b 10.69 15 c ----- 4	5-5 19.30	a 13.90 15 b ----- 8
1-5 17.84	a 13.94 8	2-15 17.02	a 13.03 6	3-17 15.62	a ----- 6	5-6 -----	a ----- 8
1-6 17.19	a 12.61 8 b 12.50 8	2-16 17.11	a 13.35 6	3-18 -----	a ----- 12	6-7 16.91	a 12.97 8
1-7 17.20	a 12.61 8 b 12.37 8 c 8.12 8 d 3.54 24	2-17 17.08	a ----- 6	3-19 -----	a ----- 6	7-1 17.32	a 11.43 12 b 11.40 8 c 11.38 8
1-8 17.26	a 8.37 24 b 8.30 18 c 8.34 15 d 4	2-18 17.05	a 13.52 6	3-20 -----	a ----- 18 b ----- 6 c ----- 4 d ----- 18		
1-9 16.57	a 8.43 15 b 8.68 15 c 8.31 15	3-1 15.68	a 8.30 18 b 8.60 18 c ----- 10				
1-10 19.02	a 10.77 15 b 10.72 15	3-2 16.14	a 8.35 18 b 8.53 18				
2-1 16.94	a 12.67 8	3-3 16.51	a 12.55 8 b 12.31 10 c ----- 2	4-1 16.26	a 10.03 15 b 9.84 15		
2-2 16.85	a 13.25 6	3-4 17.08	a 13.50 8	4-2 16.30	a 10.02 15 b 10.03 15 c 11.14 12		
2-3 17.44	a 9.55 8 b 10.92 6 c 9.55 8 d 12.56 6	3-5 16.90	a 9.88 8 b 8.25 18 c 8.69 18	4-3 15.93	a 10.16 15 b 10.28 15 c 10.43 8		
2-4 17.34	a 15.20 4 b 12.89 6	3-6 16.65	a 12.71 8	4-4 16.46	a 12.73 15 b 12.13 15		
2-6 17.20	a 13.21 5	3-7 19.05	a 8.42 15 b 8.97 15 c 7.65 18 d 14.38 12 e 15.55 6 f 10.76 12	4-5 -----	a ----- 5 b ----- 4 c ----- 5 d ----- 8		
2-7 17.14	a 13.23 6	3-8 17.67	a 12.87 8	4-6 -----	a ----- 15 b ----- 15 c ----- 15		
2-8 17.09	a 12.42 6 b 12.42 6	3-9 14.95	a 13.43 6	4-7 17.90	a ----- 10 b ----- 10 c 10.42 8		
2-9 17.32	a 12.94 6 b 12.94 6	3-10 17.31	a 9.73 15 b 9.77 15 c 12.58 6	4-8 -----	a ----- 10 b ----- 4 c ----- 10		
2-10 17.26	a 13.37 6 b 13.36 6	3-11 17.28	a 10.71 8 b 9.90 12 c 10.23 15 d 11.22 6	4-9 -----	a ----- 15 b ----- 12 c ----- 15		
		3-12 16.66	a 10.98 12 b 9.12 12	4-10 -----	a ----- 10 b -----		



APPENDIX B

Well Inspection Logs



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-7A

Date of Inspection: 4/16/2025

Time of Inspection: 8:38

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-9

Date of Inspection: 4/16/2025

Time of Inspection: 8:41

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-17

Date of Inspection: 4/16/2025

Time of Inspection: 14:25

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A		Missing a bolt in cap		
	Other-					
	Security Cap in Place	A				
	Lock in Place		U			
	Lock Functional		U			
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-6A

Date of Inspection: 4/16/2025

Time of Inspection: 8:58

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
 Curia

Well Designation: MW-12

Date of Inspection: 4/16/2025

Time of Inspection: 9:00

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
 A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-11A

Date of Inspection: 4/16/2025

Time of Inspection: 9:04

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-5A

Date of Inspection: 4/16/2025

Time of Inspection: 14:50

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-			Missing bolts in cap		
	Security Cap in Place	A				
	Lock in Place		U			
	Lock Functional		U			
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-18

Date of Inspection: 4/16/2025

Time of Inspection: 14:53

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-14A

Date of Inspection: 4/16/2025

Time of Inspection: 9:22

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: TPZ-3

Date of Inspection: 4/16/2025

Time of Inspection: 10:32

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
	Other-					
Security	Security Cap in Place	A		Missing bolts in cap		
	Lock in Place		U			
	Lock Functional		U			
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: TPZ-1

Date of Inspection: 4/16/2025

Time of Inspection: 10:30

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: TPZ-4

Date of Inspection: 4/16/2025

Time of Inspection: 10:16

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
	Other-					
Security	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: TPZ-6

Date of Inspection: 4/16/2025

Time of Inspection: 10:18

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-3

Date of Inspection: 4/16/2025

Time of Inspection: 10:11

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: OS-5A

Date of Inspection: 4/16/2025

Time of Inspection: 11:29

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: OS-3

Date of Inspection: 4/16/2025

Time of Inspection: 11:22

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: OS-4A

Date of Inspection: 4/16/2025

Time of Inspection: 11:40

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
Security	Recharge Rate	A				
	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: MW-8

Date of Inspection: 4/16/2025

Time of Inspection: 11:40

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable



Appendix A
GROUNDWATER MONITORING SYSTEM
INSPECTION
Curia

Well Designation: OS-1A

Date of Inspection: 4/16/2025

Time of Inspection: 12:45

Inspector's Name(s): S. Dyal

ITEM	TYPES OF PROBLEMS	*STATUS		COMMENTS	ACTION	DATE
		A	U			
Well Condition	Flagging Visibility (if applicable)	A				
	Well Number Readable on Casing	A				
	Integrity of Surface Seal/Apron	A				
	Integrity of Surface Casing	A				
	Corrosion	A				
	Inner Casing/Screen Integrity	A				
	Measuring Point Visibility	A				
	Total Depth	A				
	Siltation	A				
	Recharge Rate	A				
Security	Other-					
	Security Cap in Place	A				
	Lock in Place	A				
	Lock Functional	A				
	Other					

*Status U=unacceptable
A=acceptable

APPENDIX C

Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L2523476
Client:	CHA Companies 3 Winners Circle Albany, NY 12205
ATTN:	Samantha Miller
Phone:	(518) 453-8749
Project Name:	CURIA GROUNDWATER APRIL 2025
Project Number:	75104.001.0202506
Report Date:	05/01/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CURIA GROUNDWATER APRIL 2025**Project Number:** 75104.001.0202506**Lab Number:** L2523476**Report Date:** 05/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2523476-01	OS-1A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 12:45	04/16/25
L2523476-02	MW-6A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 14:35	04/16/25
L2523476-03	MW-12_2025-04-16	WATER	RENSSELAER, NY	04/16/25 15:40	04/16/25
L2523476-04	MW-14A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 13:45	04/16/25
L2523476-05	TRIP BLANK	WATER	RENSSELAER, NY	04/16/25 00:00	04/16/25
L2523476-06	MW-5A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 11:45	04/17/25
L2523476-07	MW-3_2025-04-17	WATER	RENSSELAER, NY	04/17/25 12:45	04/17/25
L2523476-08	MW-8_2025-04-17	WATER	RENSSELAER, NY	04/17/25 10:00	04/17/25
L2523476-09	MW-11A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 13:50	04/17/25
L2523476-10	MW-17_2025-04-17	WATER	RENSSELAER, NY	04/17/25 10:50	04/17/25
L2523476-11	OS-3_2025-04-17	WATER	RENSSELAER, NY	04/17/25 08:55	04/17/25
L2523476-12	OS-4A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 08:20	04/17/25
L2523476-13	OS-5A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 07:30	04/17/25
L2523476-14	CHA-1_2025-04-17	WATER	RENSSELAER, NY	04/17/25 12:00	04/17/25
L2523476-15	TRIP BLANK	WATER	RENSSELAER, NY	04/17/25 00:00	04/17/25
L2523476-16	WC-1-2025-04-17	WATER	RENSSELAER, NY	04/17/25 14:15	04/17/25

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

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 Pace 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, Pace'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 Pace Project Manager and made arrangements for Pace 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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

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.

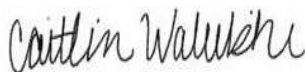
Total Metals

The WG2059598-3/-4 MS/MSD recoveries performed on L2523476-06 do not apply for sodium (200%/200%) because the sample concentration is greater than four times the spike amount added.

The WG2059416-4 Laboratory Duplicate RPD performed on L2523476-16 is above the acceptance criteria for mercury (21%); however, the sample and duplicate results are less than five times the reporting limit and the RPD is valid.

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

Title: Technical Director/Representative

Date: 05/01/25

ORGANICS

VOLATILES

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-01
Client ID: OS-1A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 12:45
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 20:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	117		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-02
Client ID: MW-6A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 14:35
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.30	J	ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	118		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-03
Client ID: MW-12_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 15:40
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:38
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	0.99	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	0.34	J	ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	119		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-04
Client ID: MW-14A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 13:45
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	119		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-05
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 00:00
 Date Received: 04/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/26/25 22:27
 Analyst: PID

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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-05
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 00:00
 Date Received: 04/16/25
 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	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	122		70-130



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-06
Client ID: MW-5A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 11:45
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:31
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	100		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-07 D

Date Collected: 04/17/25 12:45

Client ID: MW-3_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/27/25 01:51

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	2500		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	140		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	ND		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	ND		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-07 D

Date Collected: 04/17/25 12:45

Client ID: MW-3_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, 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	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	4.2	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	ND		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-08
 Client ID: MW-8_2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 10:00
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/26/25 21:57
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-09
Client ID: MW-11A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 13:50
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:23
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	0.83	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-10
Client ID: MW-17_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 10:50
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:49
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	1.2	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	2.5		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-11
Client ID: OS-3_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 08:55
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 23:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-12
Client ID: OS-4A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 08:20
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 23:41
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-13
Client ID: OS-5A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 07:30
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/27/25 00:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-14
Client ID: CHA-1_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 12:00
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/27/25 00:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-15
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 00:00
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/27/25 00:59
 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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-15
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 00:00
 Date Received: 04/17/25
 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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	104		70-130



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/27/25 01:25

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	73		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	5.6		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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
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	3.6		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	1.6	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	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 15:22
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					
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
1,1,1,2-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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 15:22
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/26/25 15:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	116		70-130

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 17:11
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					
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
1,1,1,2-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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 17:11
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/26/25 17:11
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	92		92		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	86		88		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	98		98		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	100		99		67-130	1		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
Bromoform	92		90		54-136	2		20
1,1,2,2-Tetrachloroethane	82		84		67-130	2		20
Benzene	96		94		70-130	2		20
Toluene	94		95		70-130	1		20
Ethylbenzene	94		93		70-130	1		20
Chloromethane	100		110		64-130	10		20
Bromomethane	86		91		39-139	6		20
Vinyl chloride	96		98		55-140	2		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		92		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	93		97		58-148	4		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	75		85		63-138	13		20
4-Methyl-2-pentanone	71		75		59-130	5		20
2-Hexanone	73		74		57-130	1		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		93		41-144	3		20
Isopropylbenzene	95		94		70-130	1		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	89		96		70-130	8		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	98		104		56-162	6		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	89		86		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	108		111		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
Methylene chloride	94		94		70-130	0		20
1,1-Dichloroethane	99		98		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	92		93		63-130	1		20
1,1,2-Trichloroethane	93		92		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	94		94		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	87		86		70-130	1		20
cis-1,3-Dichloropropene	94		92		70-130	2		20
Bromoform	80		83		54-136	4		20
1,1,2,2-Tetrachloroethane	84		85		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	82		76		39-139	8		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
Chloroethane	100		97		55-138	3		20
1,1-Dichloroethene	94		100		61-145	6		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	99		97		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	81		82		63-130	1		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	105		105		70-130	0		20
Dichlorodifluoromethane	130		120		36-147	8		20
Acetone	66		67		58-148	2		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	82		78		63-138	5		20
4-Methyl-2-pentanone	73		72		59-130	1		20
2-Hexanone	28	Q	23	Q	57-130	20		20
Bromochloromethane	100		98		70-130	2		20
1,2-Dibromoethane	91		89		70-130	2		20
1,2-Dibromo-3-chloropropane	76		70		41-144	8		20
Isopropylbenzene	98		98		70-130	0		20
1,2,3-Trichlorobenzene	95		92		70-130	3		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
1,2,4-Trichlorobenzene	96		93		70-130	3		20
Methyl Acetate	96		96		70-130	0		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	86		76		56-162	12		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

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): 06-16 QC Batch ID: WG2059662-6 WG2059662-7 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17												
Chlorobenzene	ND	10	10	100		9.7	97		75-130	3		20
1,2-Dichloroethane	ND	10	9.8	98		9.7	97		70-130	1		20
Benzene	ND	10	10	100		10	100		70-130	0		20
Toluene	ND	10	10	100		10	100		70-130	0		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	100		100		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	106		105		70-130
Toluene-d8	99		99		70-130

SEMIVOLATILES

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/24/25 05:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 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	1.5	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	80		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	112		15-120
2,4,6-Tribromophenol	131	Q	10-120
4-Terphenyl-d14	136		41-149



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/25/25 18:16
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

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	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	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	0.03	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	0.03	J	ug/l	0.10	0.02	1
Pyrene	0.05	J	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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, 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	81		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	142	Q	23-120
2-Fluorobiphenyl	110		15-120
2,4,6-Tribromophenol	165	Q	10-120
4-Terphenyl-d14	138		41-149

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 04/24/25 03:52
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG2057669-1					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/24/25 03:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG2057669-1					
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	65		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	119		41-149

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/24/25 07:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16 Batch: WG2057670-1					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/24/25 07:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16 Batch: WG2057670-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3								
Bis(2-chloroethyl)ether	109		118		40-140	8		30
3,3'-Dichlorobenzidine	105		119		40-140	13		30
2,4-Dinitrotoluene	108		118		48-143	9		30
2,6-Dinitrotoluene	121		124		40-140	2		30
4-Chlorophenyl phenyl ether	110		121		40-140	10		30
4-Bromophenyl phenyl ether	108		125		40-140	15		30
Bis(2-chloroisopropyl)ether	110		117		40-140	6		30
Bis(2-chloroethoxy)methane	107		114		40-140	6		30
Hexachlorocyclopentadiene	97		110		40-140	13		30
Isophorone	104		110		40-140	6		30
Nitrobenzene	106		112		40-140	6		30
NDPA/DPA	109		119		40-140	9		30
n-Nitrosodi-n-propylamine	105		114		29-132	8		30
Bis(2-ethylhexyl)phthalate	121		128		40-140	6		30
Butyl benzyl phthalate	126		131		40-140	4		30
Di-n-butylphthalate	119		126		40-140	6		30
Di-n-octylphthalate	124		135		40-140	8		30
Diethyl phthalate	108		114		40-140	5		30
Dimethyl phthalate	112		115		40-140	3		30
Biphenyl	120		129		40-140	7		30
4-Chloroaniline	65		60		40-140	8		30
2-Nitroaniline	126		130		52-143	3		30
3-Nitroaniline	102		111		25-145	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3								
4-Nitroaniline	109		116		51-143	6		30
Dibenzofuran	105		119		40-140	13		30
1,2,4,5-Tetrachlorobenzene	110		123		2-134	11		30
Acetophenone	118		131	Q	39-129	10		30
2,4,6-Trichlorophenol	111		123		30-130	10		30
p-Chloro-m-cresol	118	Q	122	Q	23-97	3		30
2-Chlorophenol	106		115		27-123	8		30
2,4-Dichlorophenol	120		123		30-130	2		30
2,4-Dimethylphenol	90		88		30-130	2		30
2-Nitrophenol	122		128		30-130	5		30
4-Nitrophenol	83	Q	89	Q	10-80	7		30
2,4-Dinitrophenol	47		66		20-130	34	Q	30
4,6-Dinitro-o-cresol	96		105		20-164	9		30
Phenol	57		62		12-110	8		30
2-Methylphenol	104		105		30-130	1		30
3-Methylphenol/4-Methylphenol	103		101		30-130	2		30
2,4,5-Trichlorophenol	132	Q	138	Q	30-130	4		30
Carbazole	118		127		55-144	7		30
Atrazine	122		128		40-140	5		30
Benzaldehyde	112		117		40-140	4		30
Caprolactam	50		55		10-130	10		30
2,3,4,6-Tetrachlorophenol	120		127		40-140	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	161	Q	85		21-120
Phenol-d6	122	Q	64		10-120
Nitrobenzene-d5	221	Q	110		23-120
2-Fluorobiphenyl	214	Q	116		15-120
2,4,6-Tribromophenol	231	Q	129	Q	10-120
4-Terphenyl-d14	243	Q	132		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16 Batch: WG2057670-2 WG2057670-3								
Acenaphthene	70		76		40-140	8		40
2-Chloronaphthalene	72		79		40-140	9		40
Fluoranthene	76		80		40-140	5		40
Hexachlorobutadiene	61		69		40-140	12		40
Naphthalene	66		72		40-140	9		40
Benzo(a)anthracene	71		77		40-140	8		40
Benzo(a)pyrene	82		89		40-140	8		40
Benzo(b)fluoranthene	75		82		40-140	9		40
Benzo(k)fluoranthene	78		84		40-140	7		40
Chrysene	72		78		40-140	8		40
Acenaphthylene	80		88		40-140	10		40
Anthracene	76		80		40-140	5		40
Benzo(ghi)perylene	84		93		40-140	10		40
Fluorene	76		82		40-140	8		40
Phenanthrene	71		76		40-140	7		40
Dibenzo(a,h)anthracene	88		96		40-140	9		40
Indeno(1,2,3-cd)pyrene	91		99		40-140	8		40
Pyrene	75		79		40-140	5		40
2-Methylnaphthalene	70		76		40-140	8		40
Pentachlorophenol	79		84		40-140	6		40
Hexachlorobenzene	71		77		40-140	8		40
Hexachloroethane	67		76		40-140	13		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16 Batch: WG2057670-2 WG2057670-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	109		59		21-120
Phenol-d6	91		48		10-120
Nitrobenzene-d5	177	Q	96		23-120
2-Fluorobiphenyl	137	Q	76		15-120
2,4,6-Tribromophenol	195	Q	107		10-120
4-Terphenyl-d14	136		75		41-149

PCBS

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/25/25 09:27
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 21:45
Cleanup Method: EPA 3665A
Cleanup Date: 04/24/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/25/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 04/25/25 07:38
 Analyst: MHG

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 21:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/24/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/25/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 16 Batch: WG2057848-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057848-2 WG2057848-3									
Aroclor 1016	62		65		40-140	4		50	A
Aroclor 1260	74		74		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		61		30-150	A
Decachlorobiphenyl	60		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		59		30-150	B
Decachlorobiphenyl	61		61		30-150	B

PESTICIDES

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/25/25 13:00
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.011	J	ug/l	0.029	0.004	1	B
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	0.014	J	ug/l	0.029	0.010	1	B
4,4'-DDT	ND	IP	ug/l	0.029	0.013	1	B
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS****Lab ID:** L2523476-16**Date Collected:** 04/17/25 14:15**Client ID:** WC-1-2025-04-17**Date Received:** 04/17/25**Sample Location:** RENSSELAER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/24/25 08:35
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/23/25 15:20

Methylation Date: 04/24/25 02:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	127		30-150	A
DCAA	81		30-150	B



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 04/23/25 19:29
 Analyst: AKM

Extraction Method: EPA 8151A
 Extraction Date: 04/23/25 11:31

Methylation Date: 04/23/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 16 Batch: WG2057739-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	57		30-150	B

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/25/25 10:55
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16 Batch: WG2057796-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 04/25/25 10:55
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16 Batch: WG2057796-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057739-2 WG2057739-3									
2,4-D	59		65		30-150	10		25	A
2,4,5-T	68		72		30-150	6		25	A
2,4,5-TP (Silvex)	65		69		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	56		59		30-150	A
DCAA	53		62		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057796-2 WG2057796-3									
Delta-BHC	61		67		30-150	10		20	A
Lindane	79		87		30-150	10		20	A
Alpha-BHC	79		87		30-150	9		20	A
Beta-BHC	77		83		30-150	8		20	A
Heptachlor	67		73		30-150	9		20	A
Aldrin	64		70		30-150	10		20	A
Heptachlor epoxide	75		82		30-150	8		20	A
Endrin	80		86		30-150	8		20	A
Endrin aldehyde	57		61		30-150	6		20	A
Endrin ketone	86		93		30-150	8		20	A
Dieldrin	80		87		30-150	9		20	A
4,4'-DDE	76		83		30-150	8		20	A
4,4'-DDD	85		91		30-150	6		20	A
4,4'-DDT	83		90		30-150	8		20	A
Endosulfan I	75		82		30-150	9		20	A
Endosulfan II	82		87		30-150	6		20	A
Endosulfan sulfate	77		85		30-150	10		20	A
Methoxychlor	79		84		30-150	6		20	A
cis-Chlordane	71		77		30-150	8		20	A
trans-Chlordane	81		89		30-150	8		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057796-2 WG2057796-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		72		30-150	B
Decachlorobiphenyl	78		85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		74		30-150	A
Decachlorobiphenyl	75		79		30-150	A

METALS

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-02

Date Collected: 04/16/25 14:35

Client ID: MW-6A_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0304		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:21	EPA 3005A	19,200.7	EFM
Sodium, Total	124.		mg/l	2.00	0.120	1	04/25/25 12:55	04/30/25 18:21	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-03

Date Collected: 04/16/25 15:40

Client ID: MW-12_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.241		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:26	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-04

Date Collected: 04/16/25 13:45

Client ID: MW-14A_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.73		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:31	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-06

Date Collected: 04/17/25 11:45

Client ID: MW-5A_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0062		mg/l	0.0050	0.0019	1	04/28/25 12:04	04/30/25 15:14	EPA 3005A	19,200.7	DMC
Sodium, Total	1020		mg/l	10.0	0.600	5	04/28/25 12:04	04/30/25 16:21	EPA 3005A	19,200.7	DMC



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-10

Date Collected: 04/17/25 10:50

Client ID: MW-17_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Sodium, Total	203.		mg/l	2.00	0.120	1	04/25/25 12:55	04/30/25 18:37	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.157		mg/l	0.0050	0.0019	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Barium, Total	0.0718		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Chromium, Total	0.0024	J	mg/l	0.0100	0.0021	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Lead, Total	0.0031	J	mg/l	0.0100	0.0027	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Mercury, Total	0.00020		mg/l	0.00020	0.00009	1	04/28/25 07:32	04/29/25 08:04	EPA 7470A	1,7470A	JWN
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF



Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04,10 Batch: WG2058715-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/28/25 08:22	19,200.7	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	04/25/25 12:55	04/28/25 08:22	19,200.7	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16 Batch: WG2059415-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16 Batch: WG2059416-1										
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	04/28/25 07:32	04/29/25 07:57	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG2059598-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/28/25 12:04	04/30/25 15:02	19,200.7	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	04/28/25 12:04	04/30/25 15:02	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,10 Batch: WG2058715-2								
Arsenic, Total	102		-		85-115	-		
Sodium, Total	105		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 16 Batch: WG2059415-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	105		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Lead, Total	99		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 16 Batch: WG2059416-2								
Mercury, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2059598-2								
Arsenic, Total	101		-		85-115	-		
Sodium, Total	104		-		85-115	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,10 QC Batch ID: WG2058715-7 QC Sample: L2500778-81 Client ID: MS Sample												
Arsenic, Total	0.012	0.12	0.155	120		-	-		75-125	-		20
Sodium, Total	952	10	930	0	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059415-3 QC Sample: L2524047-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.125	104		-	-		75-125	-		20
Barium, Total	0.015	2	2.12	105		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0526	99		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.197	98		-	-		75-125	-		20
Lead, Total	ND	0.53	0.536	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0517	103		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059416-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17												
Mercury, Total	0.00020	0.005	0.00502	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2059598-3 WG2059598-4 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17												
Arsenic, Total	0.0062	0.12	0.150	120		0.150	120		75-125	0		20
Sodium, Total	1020	10	1040	200	Q	1040	200	Q	75-125	0		20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CURIA GROUNDWATER APRIL 2025**Project Number:** 75104.001.0202506**Lab Number:** L2523476**Report Date:** 05/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059415-4 QC Sample: L2524047-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059416-4 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Mercury, Total	0.00020	0.00024	mg/l	21	Q	20

Lab Serial Dilution
Analysis
Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2059598-6 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17						
Sodium, Total	1020	1060	mg/l	4		20



INORGANICS & MISCELLANEOUS

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	6.75		SU	-	NA	1	-	04/23/25 18:49	1,9040C	AAS
Flash Point	>150		deg F	70	NA	1	-	04/27/25 12:09	1,1010A	BAY
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:49	125,7.3	DYQ
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:39	125,7.3	DYQ



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 16 Batch: WG2057926-1										
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:37	125,7.3	DYQ
General Chemistry - Westborough Lab for sample(s): 16 Batch: WG2057928-1										
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:48	125,7.3	DYQ



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057810-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057926-2								
Sulfide, Reactive	70		-		60-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057928-2								
Cyanide, Reactive	48		-		30-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2059273-1								
Flash Point	100		-		96-104	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057810-2 QC Sample: L2524800-11 Client ID: DUP Sample						
pH	6.91	6.99	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057926-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Sulfide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057928-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Cyanide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2059273-2 QC Sample: L2523489-05 Client ID: DUP Sample						
Flash Point	121	121	deg F	0		

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-01A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-01B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-01C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-02E	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-03A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		AS-UI(180)
L2523476-04A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		AS-UI(180)
L2523476-05A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-05B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-06B1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06B2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06D1	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06D2	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E1	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E2	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-07A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-07B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-07C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180)
L2523476-11A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-11B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-11C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-12A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-12B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-12C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-15A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-15B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16D	Plastic 60ml unpreserved	A	7	7	2.5	Y	Absent		PH-9040(1)
L2523476-16E	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2523476-16F	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2523476-16G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081-RVT(7)
L2523476-16H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081-RVT(7)
L2523476-16I	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2523476-16J	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2523476-16K	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		BA-6020T(180),SE-6020T(180),BA-TI(180),AS-TI(180),CR-6020T(180),AG-TI(180),CR-TI(180),PB-6020T(180),PB-TI(180),SE-TI(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CD-TI(180)
L2523476-16L	Amber 500ml unpreserved	A	7	7	2.5	Y	Absent		REACTS(7),REACTCN(7),FLASH()
L2523476-16M	Amber 1L unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)
L2523476-16N	Amber 1L unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)

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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



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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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****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 – 320 Forbes Blvd. Mansfield, MA 02048****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.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****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**The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)****The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****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 – 320 Forbes Blvd. Mansfield, MA 02048****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**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		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 4/17/25		ALPHA Job # L 2523476	
Client Information Client: CHA Consulting Address: 3 Winans Circle Albany, NY Phone: 315.257.7154 Fax: Email: Smiles@chasolutions.com		Project Information Project Name: Curtis & Groundwater April 2025 Project Location: Rensselaer, NY Project # 075104.001.0202506 (Use Project name as Project #) ☐ Project Manager: Sam Miller ALPHAQuote #: 30962 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		Billing Information ☐ Same as Client Info PO # 075104.001-01 C101		Regulatory Requirement ☒ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge	
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: Please include results from 4/16-4/17 on same report. Please specify Metals or TAL: ARSENIC OR SODIUM		ANALYSIS Arsenic ☒ Sodium ☒ TEL VOCs ☒		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)		Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Analysis	Analysis	Analysis	Analysis
23476-01	OW-1A-2025-04-16	4/16/25	12:45	GW	SO/CH	X	X	X	
02	MW-6A-2025-04-16	4/16/25	14:35	I	I	X	X	X	
03	MW-12-2025-04-16	4/16/25	15:40	I	I	X	X	X	
04	MW-14A-2025-04-16	4/16/25	13:45	I	I	X	X	X	
05	Trip Blank			W				X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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		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.)	
Relinquished By: 8-AGE		Date/Time: 4/16/25 14:35		Received By: [Signature]		Date/Time: 4/16/25 16:50			

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

L 2523476

APPENDIX D

Contained In Letter and Manifest





SHIPPING DOCUMENT		1. Generator ID Number NYD083626077	2. Page 1 of 1	3. Emergency Response Phone (877) 818-0007	4. Shipping Document Tracking Number ZZ 01248083	
5. Generator's Name and Mailing Address CURIA NEW YORK INC. 33 RIVERSIDE AVENUE RENSSELAER, NY 12144 Generator's Phone: 518-433-7780			Generator's Site Address (if different than mailing address) SAME			
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS			U.S. EPA ID Number NYD080631369			
7. Transporter 2 Company Name FREEHOLD CARTAGE INC			U.S. EPA ID Number NJD054126164			
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 125 FACTORY LANE MIDDLESEX, NJ 08846			U.S. EPA ID Number NYD002454544			
Facility's Phone: 732 469-5100						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
		1. NON REGULATED DOT NON REGULATED	1 D M	300	P	ID72 B
		2.				
		3.				
		4.				
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) W:1259062 A: MARWATER-NH						
15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offoror's Printed/Typed Name Brendan Lanoce on Behalf of Curia						
Signature <i>[Signature]</i>						
Month Day Year 06 05 25						
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
Transporter signature (for exports only): _____						
17. Transporter Acknowledgment of Receipt of Shipment						
Transporter 1 Printed/Typed Name Eric B. Harrison						
Signature <i>[Signature]</i>						
Month Day Year 06 05 25						
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ _____ _____						
18. Discrepancy						
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Shipping Document Tracking Number: _____						
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)						
1. _____ 2. _____ 3. _____ 4. _____						
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a						
Printed/Typed Name _____ Signature _____ Month Day Year _____						

DESIGNATED FACILITY TO GENERATOR

SHIPPING DOCUMENT		1. Generator ID Number NYD083626077	2. Page 1 of 1	3. Emergency Response Phone (877) 818-0097	4. Shipping Document Tracking Number ZZ 01248083		
5. Generator's Name and Mailing Address CURIA NEW YORK INC. 33 RIVERSIDE AVENUE RENSSELAER, NY 12144			Generator's Site Address (if different than mailing address) SAME				
Generator's Phone: 518 433-7780							
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number N J D 0 8 0 6 3 1 3 6 9			
7. Transporter 2 Company Name FREEHOLD CARTAGE INC				U.S. EPA ID Number N J D 0 5 4 1 2 6 1 6 4			
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 125 FACTORY LANE MIDDLESEX, NJ 08846				U.S. EPA ID Number N J D 0 0 2 4 5 4 5 4 4			
Facility's Phone: 732 469-5100							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
		1. NON REGULATED DOT NON REGULATED	1	D M	3 0 0	F	ID72 B
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) W:1259062 A: MARWATER-NH							
15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.							
Generator's/Offoror's Printed/Typed Name Brendan Lanoue on Behalf of Curia							
Signature <i>[Signature]</i>							
Month Day Year 0 6 0 5 1 5							
INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Shipment						
TRANSPORTER	Transporter 1 Printed/Typed Name Eric B. Harrison				Signature <i>[Signature]</i>		Month Day Year 6 5 15
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Shipping Document Tracking Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

SL Acct Id (Gen Num): 20449 (490529)
Curia New York Inc.
33 Riverside Avenue
Rensselaer, NY 12144
Attn: Brenden Lanoie
EPA ID: NYD083626077

Manifest Number: ZZ01248083
Field System ID: G7
Work Order Number: 4725687996
Date Shipped: 06/05/2025

Container#:	G7-4725687996-001	Waste Area:		Manifest Page/Line:	01 / 1
WIP:	1259082	Disposal Code:	MARWATER-NH	PHY State:	L
Date Accumulated:	06/04/2025	Gen Drum ID:			
Shipping Name:	NON REGULATED DOT NON REGULATED				
No. of Commons:	01	Outer Container:	551A2-DM	Inner Container:	
Primary Waste Codes:	ID72,B	PCB Serial #:		OOS Date:	/ /
Total Crnna Wt:	300	SIC:	2834	Source:	G09
		Form:	W101	System:	H141
Individual Common Weights:	1 @ 300 (POUNDS)				
Cubic Ft.:	7.50				

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		PURGEWATER FROM BIENNIAL SAMPLING - SEE LETTER ATTACHED [100%]	ID72, B

Manifest Number: ZZ01248083

Work Order Number: 4725687996

Page 1 of 1

Activity Report

BT Acct ID (Cust#): 3037 (400890)

BILL TO: Curia New York Inc.
28 Corporate Circle
Albany, NY 12212
(518) 512-2208

JOB TRK: WO-4725687000

JOB NO: 4725687000

BILL DOC NO: G750004181

SL Acct ID (Gen#): 20449 (400520)

WO NO: 4725687996

EPA ID: NYD083626077

JOB SITE: Curia New York Inc.

33 Riverside Avenue
Rensselaer, NY 12144
(505) 573-0837

CONTACT: MARK BAUMLI

CONTACT: Brendan Lanoue

MANIFEST NUMBER(S):
ZZ01248083

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				06/05/2025		B35	
DESCRIPTION		# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest# ZZ01248083 Tkt# WO-4725687996 WIP 1259062 / Approval MARWATER-NH BI-ANNUAL GROUND WATER		1	551A2-DM	300	P	1 / 1	

Total Hours: 0
of Containers: 1
Total Pounds: 300

Veolia ES Technical Solutions, L.L.C. is permitted for and has capacity to accept waste listed above in container quantities.



June 3, 2025

Sent via e-mail, no hard copy to follow

Karyn Ehmann
Project Engineer III
CHA
3 Winners Circle, Suite 100
PO Box 5269
Albany, NY 12205

Re: "Contained-In" Determination Request for Purge Water
Curia, New York
NYSDEC Inactive Hazardous Waste Site Number 442009

Dear Karyn Ehmann:

The New York State Department of Environmental Conservation (DEC) has reviewed your contained-in determination request letter dated May 22, 2025, requesting a "contained-in" determination for 1 (one) 55-gallon of purge water associated with groundwater sampling at the Curia New York (Curia) facility.

Evaluation

Concentrations for (Lab Sample ID: WC-1-20250417) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), were all less than their current NYSDEC "contained in" groundwater action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for aniline, chloroform and Methane (dichloro)-, trichloroethene (TCE) and tetrachloroethene (PCE) in the pumped groundwater sample (Lab Sample ID: WC-1-20250417) were below the current NYSDEC "contained in" groundwater action level and the Land Disposal Restriction concentration. Therefore, 1 (one) 55-gallon drum of pumped groundwater, does not have to be managed as hazardous waste and may be transported off-site to a POTW or a permitted industrial wastewater facility, able to receive the purged water, for proper off-site disposal as non-hazardous waste. Please provide DEC the name of the facility that will receive the purge water.

--	--

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9594 or email me at contained-inrequest@dec.ny.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Alison Egbon". The signature is fluid and cursive, with the first name "Alison" and last name "Egbon" clearly distinguishable.

Alison Egbon
Professional Engineer I (Environmental)
RCRA Technical Assistance Section

ec: C. O'Niell, DEC



May 22, 2025

New York State Department of Environmental Conservation
Division of Materials Management
625 Broadway
Albany, New York 12233-7256

**Re: “Contained-In” Determination Request for Purge Water Associated with April 2025
Groundwater Sampling
Curia New York
NYSDEC Inactive Hazardous Waste Site Number 442009
CHA Project No. 075104.001**

CHA Consulting, Inc. (CHA) is requesting a determination that groundwater purged during the April 2025 groundwater sampling in connection project at the Curia New York (Curia) facility located at 33 Rensselaer not require management as hazardous waste under the “contained-in” criteria as described in the Technical and Administrative Guidance Memorandum (TAGM) 3028. The purged groundwater is from biannual sampling event for the monitoring wells located on the facility property and in the neighborhood located to the north of the facility.

Based on the historical reports and investigations completed as part of a 1983 Agreement between the New York State Department of Environmental Conservation (NYSDEC) and Sterling Pharmaceutical, site contaminants of concern (COCs) have historically included benzene, chlorobenzene, 1,2-dichloroethane (1,2-DCA), toluene, arsenic, and sodium. However, there is no record of spills or releases of a threshold quantity of any of these compounds.

The purged water was containerized in one 55-gallon drum which was filled during the sampling event. One composite sample from the drum was collected and analyzed for:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) via United States Environmental Protection Agency (USEPA) Method 8260;
- TCL Semivolatile Organic Compounds (SVOC) via USEPA Method 8270;
- TAL Metals via USEPA Methods 6010 and 7470;
- TCL Pesticides via USEPA Method 8081;
- TCL Herbicides via USEPA Method 8151; and,
- TCL Polychlorinated Biphenyls (PCBs) via USEPA Method 8082.

A summary of the laboratory data compared with the NYSDEC Contained In Criteria is included in Table 1. The parameters that exceed the Contained In Criteria for Groundwater Action Level are as follows:

- Benzene at 5.6 µg/L compared to TAGM Action Level of 1 µg/L
- Chlorobenzene at 73 µg/L compared to a TAGM Action Level of 5 µg/L
- Benzo[a]anthracene at 0.04 J µg/L compared to TAGM Action Level of 0.002 µg/L
- Benzo[b]fluoranthene at 0.04 J µg/L compared to a TAGM Action Level of 0.002 µg/L

- Arsenic at 157 µg/L compared to a TAGM Action Level of 25 µg/L

The following are regulated hazardous wastes when the concentrations listed are exceeded, according to Table 1 Maximum Concentration of Contaminants for the Toxicity Characteristic listed in 6 NYCRR Part 371.3:

- Benzene at 500 µg/L
- Chlorobenzene at 100,000 µg/L
- Arsenic at 5,000 µg/L

The complete laboratory analytical package is included in Attachment 1. Although the analytical results indicate that there are detections above the Contained-In Criteria Groundwater Action Level, the detected contaminants in the purged groundwater do not meet or exceed the hazardous waste characteristics listed in Title 6 of the New York Code, Rule, and Regulation (6 NYCRR) Part 371.3.

The total amount of water estimated to be managed is approximately 55 gallons associated with groundwater well purging during the April 2025 groundwater sampling event. CHA is requesting a "Contained-In Determination" letter from the NYSDEC indicating that this water does not require management as a hazardous waste under the "contained-in" policy and can be sent off-site for disposal. Containerized groundwater generated during the project was characterized as described within this letter and will be disposed of off-site and in accordance with local, state, and federal regulations.

If you have any questions or concerns, please contact me directly at (315) 257-7250.

Sincerely,



Karyn Ehmann
Project Engineer III

CRH/ke

V:\Projects\ANY\K7\075104.001\08_Reports\2025 GW Report\Draft\Appendices\Appendix C - Contained In and Manifest\2025-05-22_GW Sampling_Contained-In Letter Request.docx



ATTACHMENT 1

Waste Characterization Analytical Results
Detected Compounds Only
Site No. HW442009
April 2025 Biannual Report

				WC-1-20250417	
		TAGM 3028 Contained-In Groundwater Action Level	Units		
Acetone	67-64-1	50	µg/L	1.6	J
Benzene	71-43-2	1	µg/L	5.6	
Chlorobenzene	108-90-7	5	µg/L	73	
Methyl tert-butyl ether	1634-04-4	NS	µg/L	3.6	
SVOCs					
Benzo[a]anthracene	56-55-3	0.002	µg/L	0.04	J
Benzo[b]fluoranthene	205-99-2	0.002	µg/L	0.04	J
Benzo[g,h,i]perylene	191-24-2	50	µg/L	0.03	J
Chrysene	218-01-9		µg/L	0.03	J
Fluoranthene	206-44-0	50	µg/L	0.05	J
Indeno[1,2,3-cd]pyrene	193-39-5		µg/L	0.03	J
Phenol	108-95-2	3	µg/L	1.5	J
Pyrene	129-00-0	0.2	µg/L	0.05	J
Pesticides					
4,4'-DDD			µg/L	0.014	J
Dieldrin			µg/L	0.011	J
Herbicides					
No Detections					
Polychlorinated Biphenyls					
No Detections					
Metals					
Arsenic	7440-38-2	25	µg/L	157	
Barium	7440-39-3	1,000	µg/L	71.8	
Chromium	7440-47-3	50	µg/L	2.4	J
Lead	7439-92-1	15	µg/L	3.1	J
Mercury	7439-97-6	2	µg/L	0.15	J

Notes:

Sample was collected by CHA Consulting, Inc. on April 17, 2025 and transmitted to Pace Analytical

Samples are compared to the NYSDEC Contained-In Parameter, Groundwater Action Level.

For additional information, the Maximum Concentration of Contaminants for the Toxicity Characteristics from 6 NYCRR 371.3 are provided for comparison.

J - Estimated value. Concentration identified above the Method Detection Limit but below the Reporting Limit.

NS - No Standard



ANALYTICAL REPORT

Lab Number:	L2523476
Client:	CHA Companies 3 Winners Circle Albany, NY 12205
ATTN:	Samantha Miller
Phone:	(518) 453-8749
Project Name:	CURIA GROUNDWATER APRIL 2025
Project Number:	75104.001.0202506
Report Date:	05/01/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CURIA GROUNDWATER APRIL 2025**Project Number:** 75104.001.0202506**Lab Number:** L2523476**Report Date:** 05/01/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2523476-01	OS-1A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 12:45	04/16/25
L2523476-02	MW-6A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 14:35	04/16/25
L2523476-03	MW-12_2025-04-16	WATER	RENSSELAER, NY	04/16/25 15:40	04/16/25
L2523476-04	MW-14A_2025-04-16	WATER	RENSSELAER, NY	04/16/25 13:45	04/16/25
L2523476-05	TRIP BLANK	WATER	RENSSELAER, NY	04/16/25 00:00	04/16/25
L2523476-06	MW-5A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 11:45	04/17/25
L2523476-07	MW-3_2025-04-17	WATER	RENSSELAER, NY	04/17/25 12:45	04/17/25
L2523476-08	MW-8_2025-04-17	WATER	RENSSELAER, NY	04/17/25 10:00	04/17/25
L2523476-09	MW-11A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 13:50	04/17/25
L2523476-10	MW-17_2025-04-17	WATER	RENSSELAER, NY	04/17/25 10:50	04/17/25
L2523476-11	OS-3_2025-04-17	WATER	RENSSELAER, NY	04/17/25 08:55	04/17/25
L2523476-12	OS-4A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 08:20	04/17/25
L2523476-13	OS-5A_2025-04-17	WATER	RENSSELAER, NY	04/17/25 07:30	04/17/25
L2523476-14	CHA-1_2025-04-17	WATER	RENSSELAER, NY	04/17/25 12:00	04/17/25
L2523476-15	TRIP BLANK	WATER	RENSSELAER, NY	04/17/25 00:00	04/17/25
L2523476-16	WC-1-2025-04-17	WATER	RENSSELAER, NY	04/17/25 14:15	04/17/25

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

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 Pace 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, Pace'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 Pace Project Manager and made arrangements for Pace 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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

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.

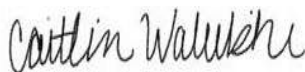
Total Metals

The WG2059598-3/-4 MS/MSD recoveries performed on L2523476-06 do not apply for sodium (200%/200%) because the sample concentration is greater than four times the spike amount added.

The WG2059416-4 Laboratory Duplicate RPD performed on L2523476-16 is above the acceptance criteria for mercury (21%); however, the sample and duplicate results are less than five times the reporting limit and the RPD is valid.

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

Title: Technical Director/Representative

Date: 05/01/25

ORGANICS

VOLATILES

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-01
Client ID: OS-1A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 12:45
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 20:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	117		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-02
Client ID: MW-6A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 14:35
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.30	J	ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	118		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-03
Client ID: MW-12_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 15:40
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:38
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	0.99	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	0.34	J	ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	119		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-04
Client ID: MW-14A_2025-04-16
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 13:45
Date Received: 04/16/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	119		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-05
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 00:00
 Date Received: 04/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/26/25 22:27
 Analyst: PID

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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-05
Client ID: TRIP BLANK
Sample Location: RENSSELAER, NY

Date Collected: 04/16/25 00:00
Date Received: 04/16/25
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	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	122		70-130



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-06
Client ID: MW-5A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 11:45
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:31
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	100		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-07 D

Date Collected: 04/17/25 12:45

Client ID: MW-3_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/27/25 01:51

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	2500		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	140		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	ND		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	ND		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-07 D

Date Collected: 04/17/25 12:45

Client ID: MW-3_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, 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	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	4.2	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	ND		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-08
Client ID: MW-8_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 10:00
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 21:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-09
Client ID: MW-11A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 13:50
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:23
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	0.83	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-10
Client ID: MW-17_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 10:50
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 22:49
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	1.2	J	ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	2.5		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-11
Client ID: OS-3_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 08:55
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 23:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-12
Client ID: OS-4A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 08:20
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/26/25 23:41
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-13
Client ID: OS-5A_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 07:30
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/27/25 00:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-14
Client ID: CHA-1_2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 12:00
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/27/25 00:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-15
 Client ID: TRIP BLANK
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 00:00
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/27/25 00:59
 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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-15
Client ID: TRIP BLANK
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 00:00
Date Received: 04/17/25
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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	104		70-130



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/27/25 01:25
 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	73		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	5.6		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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 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	3.6		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	1.6	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	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 15:22
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					
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
1,1,1,2-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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 15:22
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					
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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 04/26/25 15:22

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059306-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	116		70-130

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 17:11
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					
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
1,1,1,2-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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/26/25 17:11
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/26/25 17:11
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-16 Batch: WG2059662-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	92		92		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	86		88		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	98		98		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	100		99		67-130	1		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
Bromoform	92		90		54-136	2		20
1,1,2,2-Tetrachloroethane	82		84		67-130	2		20
Benzene	96		94		70-130	2		20
Toluene	94		95		70-130	1		20
Ethylbenzene	94		93		70-130	1		20
Chloromethane	100		110		64-130	10		20
Bromomethane	86		91		39-139	6		20
Vinyl chloride	96		98		55-140	2		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		92		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	93		97		58-148	4		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	75		85		63-138	13		20
4-Methyl-2-pentanone	71		75		59-130	5		20
2-Hexanone	73		74		57-130	1		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		93		41-144	3		20
Isopropylbenzene	95		94		70-130	1		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059306-3 WG2059306-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	89		96		70-130	8		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	98		104		56-162	6		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	89		86		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	108		111		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
Methylene chloride	94		94		70-130	0		20
1,1-Dichloroethane	99		98		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	92		93		63-130	1		20
1,1,2-Trichloroethane	93		92		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	94		94		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	87		86		70-130	1		20
cis-1,3-Dichloropropene	94		92		70-130	2		20
Bromoform	80		83		54-136	4		20
1,1,2,2-Tetrachloroethane	84		85		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	82		76		39-139	8		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
Chloroethane	100		97		55-138	3		20
1,1-Dichloroethene	94		100		61-145	6		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	99		97		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	81		82		63-130	1		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	105		105		70-130	0		20
Dichlorodifluoromethane	130		120		36-147	8		20
Acetone	66		67		58-148	2		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	82		78		63-138	5		20
4-Methyl-2-pentanone	73		72		59-130	1		20
2-Hexanone	28	Q	23	Q	57-130	20		20
Bromochloromethane	100		98		70-130	2		20
1,2-Dibromoethane	91		89		70-130	2		20
1,2-Dibromo-3-chloropropane	76		70		41-144	8		20
Isopropylbenzene	98		98		70-130	0		20
1,2,3-Trichlorobenzene	95		92		70-130	3		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-16 Batch: WG2059662-3 WG2059662-4								
1,2,4-Trichlorobenzene	96		93		70-130	3		20
Methyl Acetate	96		96		70-130	0		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	86		76		56-162	12		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

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): 06-16 QC Batch ID: WG2059662-6 WG2059662-7 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17												
Chlorobenzene	ND	10	10	100		9.7	97		75-130	3		20
1,2-Dichloroethane	ND	10	9.8	98		9.7	97		70-130	1		20
Benzene	ND	10	10	100		10	100		70-130	0		20
Toluene	ND	10	10	100		10	100		70-130	0		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	106		105		70-130
Toluene-d8	99		99		70-130

SEMIVOLATILES

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/24/25 05:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 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	1.5	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	80		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	112		15-120
2,4,6-Tribromophenol	131	Q	10-120
4-Terphenyl-d14	136		41-149



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/25/25 18:16
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

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	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	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	0.03	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	0.03	J	ug/l	0.10	0.02	1
Pyrene	0.05	J	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: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, 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	81		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	142	Q	23-120
2-Fluorobiphenyl	110		15-120
2,4,6-Tribromophenol	165	Q	10-120
4-Terphenyl-d14	138		41-149

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 04/24/25 03:52
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG2057669-1					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/24/25 03:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG2057669-1					
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	65		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	119		41-149

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/24/25 07:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16 Batch: WG2057670-1					
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: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/24/25 07:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 12:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16 Batch: WG2057670-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3								
Bis(2-chloroethyl)ether	109		118		40-140	8		30
3,3'-Dichlorobenzidine	105		119		40-140	13		30
2,4-Dinitrotoluene	108		118		48-143	9		30
2,6-Dinitrotoluene	121		124		40-140	2		30
4-Chlorophenyl phenyl ether	110		121		40-140	10		30
4-Bromophenyl phenyl ether	108		125		40-140	15		30
Bis(2-chloroisopropyl)ether	110		117		40-140	6		30
Bis(2-chloroethoxy)methane	107		114		40-140	6		30
Hexachlorocyclopentadiene	97		110		40-140	13		30
Isophorone	104		110		40-140	6		30
Nitrobenzene	106		112		40-140	6		30
NDPA/DPA	109		119		40-140	9		30
n-Nitrosodi-n-propylamine	105		114		29-132	8		30
Bis(2-ethylhexyl)phthalate	121		128		40-140	6		30
Butyl benzyl phthalate	126		131		40-140	4		30
Di-n-butylphthalate	119		126		40-140	6		30
Di-n-octylphthalate	124		135		40-140	8		30
Diethyl phthalate	108		114		40-140	5		30
Dimethyl phthalate	112		115		40-140	3		30
Biphenyl	120		129		40-140	7		30
4-Chloroaniline	65		60		40-140	8		30
2-Nitroaniline	126		130		52-143	3		30
3-Nitroaniline	102		111		25-145	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3								
4-Nitroaniline	109		116		51-143	6		30
Dibenzofuran	105		119		40-140	13		30
1,2,4,5-Tetrachlorobenzene	110		123		2-134	11		30
Acetophenone	118		131	Q	39-129	10		30
2,4,6-Trichlorophenol	111		123		30-130	10		30
p-Chloro-m-cresol	118	Q	122	Q	23-97	3		30
2-Chlorophenol	106		115		27-123	8		30
2,4-Dichlorophenol	120		123		30-130	2		30
2,4-Dimethylphenol	90		88		30-130	2		30
2-Nitrophenol	122		128		30-130	5		30
4-Nitrophenol	83	Q	89	Q	10-80	7		30
2,4-Dinitrophenol	47		66		20-130	34	Q	30
4,6-Dinitro-o-cresol	96		105		20-164	9		30
Phenol	57		62		12-110	8		30
2-Methylphenol	104		105		30-130	1		30
3-Methylphenol/4-Methylphenol	103		101		30-130	2		30
2,4,5-Trichlorophenol	132	Q	138	Q	30-130	4		30
Carbazole	118		127		55-144	7		30
Atrazine	122		128		40-140	5		30
Benzaldehyde	112		117		40-140	4		30
Caprolactam	50		55		10-130	10		30
2,3,4,6-Tetrachlorophenol	120		127		40-140	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG2057669-2 WG2057669-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	161	Q	85		21-120
Phenol-d6	122	Q	64		10-120
Nitrobenzene-d5	221	Q	110		23-120
2-Fluorobiphenyl	214	Q	116		15-120
2,4,6-Tribromophenol	231	Q	129	Q	10-120
4-Terphenyl-d14	243	Q	132		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16 Batch: WG2057670-2 WG2057670-3								
Acenaphthene	70		76		40-140	8		40
2-Chloronaphthalene	72		79		40-140	9		40
Fluoranthene	76		80		40-140	5		40
Hexachlorobutadiene	61		69		40-140	12		40
Naphthalene	66		72		40-140	9		40
Benzo(a)anthracene	71		77		40-140	8		40
Benzo(a)pyrene	82		89		40-140	8		40
Benzo(b)fluoranthene	75		82		40-140	9		40
Benzo(k)fluoranthene	78		84		40-140	7		40
Chrysene	72		78		40-140	8		40
Acenaphthylene	80		88		40-140	10		40
Anthracene	76		80		40-140	5		40
Benzo(ghi)perylene	84		93		40-140	10		40
Fluorene	76		82		40-140	8		40
Phenanthrene	71		76		40-140	7		40
Dibenzo(a,h)anthracene	88		96		40-140	9		40
Indeno(1,2,3-cd)pyrene	91		99		40-140	8		40
Pyrene	75		79		40-140	5		40
2-Methylnaphthalene	70		76		40-140	8		40
Pentachlorophenol	79		84		40-140	6		40
Hexachlorobenzene	71		77		40-140	8		40
Hexachloroethane	67		76		40-140	13		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16 Batch: WG2057670-2 WG2057670-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	109		59		21-120
Phenol-d6	91		48		10-120
Nitrobenzene-d5	177	Q	96		23-120
2-Fluorobiphenyl	137	Q	76		15-120
2,4,6-Tribromophenol	195	Q	107		10-120
4-Terphenyl-d14	136		75		41-149

PCBS

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/25/25 09:27
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 04/23/25 21:45
Cleanup Method: EPA 3665A
Cleanup Date: 04/24/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/25/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 04/25/25 07:38
 Analyst: MHG

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 21:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/24/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/25/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 16 Batch: WG2057848-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057848-2 WG2057848-3									
Aroclor 1016	62		65		40-140	4		50	A
Aroclor 1260	74		74		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		61		30-150	A
Decachlorobiphenyl	60		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		59		30-150	B
Decachlorobiphenyl	61		61		30-150	B

PESTICIDES

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16
 Client ID: WC-1-2025-04-17
 Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
 Date Received: 04/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 04/25/25 13:00
 Analyst: JAG

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.011	J	ug/l	0.029	0.004	1	B
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	0.014	J	ug/l	0.029	0.010	1	B
4,4'-DDT	ND	IP	ug/l	0.029	0.013	1	B
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

SAMPLE RESULTS

Lab ID: L2523476-16
Client ID: WC-1-2025-04-17
Sample Location: RENSSELAER, NY

Date Collected: 04/17/25 14:15
Date Received: 04/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/24/25 08:35
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/23/25 15:20

Methylation Date: 04/24/25 02:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	127		30-150	A
DCAA	81		30-150	B



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 04/23/25 19:29
 Analyst: AKM

Extraction Method: EPA 8151A
 Extraction Date: 04/23/25 11:31

Methylation Date: 04/23/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 16 Batch: WG2057739-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	57		30-150	B

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 04/25/25 10:55
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16 Batch: WG2057796-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A



Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 04/25/25 10:55
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 04/23/25 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16 Batch: WG2057796-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057739-2 WG2057739-3									
2,4-D	59		65		30-150	10		25	A
2,4,5-T	68		72		30-150	6		25	A
2,4,5-TP (Silvex)	65		69		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	56		59		30-150	A
DCAA	53		62		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057796-2 WG2057796-3									
Delta-BHC	61		67		30-150	10		20	A
Lindane	79		87		30-150	10		20	A
Alpha-BHC	79		87		30-150	9		20	A
Beta-BHC	77		83		30-150	8		20	A
Heptachlor	67		73		30-150	9		20	A
Aldrin	64		70		30-150	10		20	A
Heptachlor epoxide	75		82		30-150	8		20	A
Endrin	80		86		30-150	8		20	A
Endrin aldehyde	57		61		30-150	6		20	A
Endrin ketone	86		93		30-150	8		20	A
Dieldrin	80		87		30-150	9		20	A
4,4'-DDE	76		83		30-150	8		20	A
4,4'-DDD	85		91		30-150	6		20	A
4,4'-DDT	83		90		30-150	8		20	A
Endosulfan I	75		82		30-150	9		20	A
Endosulfan II	82		87		30-150	6		20	A
Endosulfan sulfate	77		85		30-150	10		20	A
Methoxychlor	79		84		30-150	6		20	A
cis-Chlordane	71		77		30-150	8		20	A
trans-Chlordane	81		89		30-150	8		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16 Batch: WG2057796-2 WG2057796-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		72		30-150	B
Decachlorobiphenyl	78		85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		74		30-150	A
Decachlorobiphenyl	75		79		30-150	A

METALS

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-02

Date Collected: 04/16/25 14:35

Client ID: MW-6A_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0304		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:21	EPA 3005A	19,200.7	EFM
Sodium, Total	124.		mg/l	2.00	0.120	1	04/25/25 12:55	04/30/25 18:21	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-03

Date Collected: 04/16/25 15:40

Client ID: MW-12_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.241		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:26	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-04

Date Collected: 04/16/25 13:45

Client ID: MW-14A_2025-04-16

Date Received: 04/16/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.73		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/30/25 18:31	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-06

Date Collected: 04/17/25 11:45

Client ID: MW-5A_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0062		mg/l	0.0050	0.0019	1	04/28/25 12:04	04/30/25 15:14	EPA 3005A	19,200.7	DMC
Sodium, Total	1020		mg/l	10.0	0.600	5	04/28/25 12:04	04/30/25 16:21	EPA 3005A	19,200.7	DMC



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-10

Date Collected: 04/17/25 10:50

Client ID: MW-17_2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Sodium, Total	203.		mg/l	2.00	0.120	1	04/25/25 12:55	04/30/25 18:37	EPA 3005A	19,200.7	EFM



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**SAMPLE RESULTS**

Lab ID: L2523476-16

Date Collected: 04/17/25 14:15

Client ID: WC-1-2025-04-17

Date Received: 04/17/25

Sample Location: RENSSELAER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.157		mg/l	0.0050	0.0019	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Barium, Total	0.0718		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Chromium, Total	0.0024	J	mg/l	0.0100	0.0021	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Lead, Total	0.0031	J	mg/l	0.0100	0.0027	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Mercury, Total	0.00020		mg/l	0.00020	0.00009	1	04/28/25 07:32	04/29/25 08:04	EPA 7470A	1,7470A	JWN
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/28/25 07:44	04/30/25 21:22	EPA 3005A	1,6010D	JMF



Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04,10 Batch: WG2058715-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/25/25 12:55	04/28/25 08:22	19,200.7	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	04/25/25 12:55	04/28/25 08:22	19,200.7	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16 Batch: WG2059415-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/28/25 07:44	04/29/25 09:26	1,6010D	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16 Batch: WG2059416-1										
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	04/28/25 07:32	04/29/25 07:57	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A



Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG2059598-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/28/25 12:04	04/30/25 15:02	19,200.7	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	04/28/25 12:04	04/30/25 15:02	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,10 Batch: WG2058715-2								
Arsenic, Total	102		-		85-115	-		
Sodium, Total	105		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 16 Batch: WG2059415-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	105		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Lead, Total	99		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 16 Batch: WG2059416-2								
Mercury, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2059598-2								
Arsenic, Total	101		-		85-115	-		
Sodium, Total	104		-		85-115	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Lab Number: L2523476

Project Number: 75104.001.0202506

Report Date: 05/01/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,10 QC Batch ID: WG2058715-7 QC Sample: L2500778-81 Client ID: MS Sample												
Arsenic, Total	0.012	0.12	0.155	120		-	-		75-125	-		20
Sodium, Total	952	10	930	0	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059415-3 QC Sample: L2524047-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.125	104		-	-		75-125	-		20
Barium, Total	0.015	2	2.12	105		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0526	99		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.197	98		-	-		75-125	-		20
Lead, Total	ND	0.53	0.536	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0517	103		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059416-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17												
Mercury, Total	0.00020	0.005	0.00502	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2059598-3 WG2059598-4 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17												
Arsenic, Total	0.0062	0.12	0.150	120		0.150	120		75-125	0		20
Sodium, Total	1020	10	1040	200	Q	1040	200	Q	75-125	0		20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CURIA GROUNDWATER APRIL 2025**Project Number:** 75104.001.0202506**Lab Number:** L2523476**Report Date:** 05/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059415-4 QC Sample: L2524047-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2059416-4 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Mercury, Total	0.00020	0.00024	mg/l	21	Q	20

Lab Serial Dilution
Analysis
Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2059598-6 QC Sample: L2523476-06 Client ID: MW-5A_2025-04-17						
Sodium, Total	1020	1060	mg/l	4		20



INORGANICS & MISCELLANEOUS

Project Name: CURIA GROUNDWATER APRIL 2025**Project Number:** 75104.001.0202506**Lab Number:** L2523476**Report Date:** 05/01/25**SAMPLE RESULTS****Lab ID:** L2523476-16**Client ID:** WC-1-2025-04-17**Sample Location:** RENSSELAER, NY**Date Collected:** 04/17/25 14:15**Date Received:** 04/17/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	6.75		SU	-	NA	1	-	04/23/25 18:49	1,9040C	AAS
Flash Point	>150		deg F	70	NA	1	-	04/27/25 12:09	1,1010A	BAY
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:49	125,7.3	DYQ
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:39	125,7.3	DYQ



Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 16 Batch: WG2057926-1										
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:37	125,7.3	DYQ
General Chemistry - Westborough Lab for sample(s): 16 Batch: WG2057928-1										
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	04/24/25 05:10	04/24/25 06:48	125,7.3	DYQ



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CURIA GROUNDWATER APRIL 2025

Project Number: 75104.001.0202506

Lab Number: L2523476

Report Date: 05/01/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057810-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057926-2								
Sulfide, Reactive	70		-		60-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2057928-2								
Cyanide, Reactive	48		-		30-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 16 Batch: WG2059273-1								
Flash Point	100		-		96-104	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: CURIA GROUNDWATER APRIL 2025
Project Number: 75104.001.0202506

Lab Number: L2523476
Report Date: 05/01/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057810-2 QC Sample: L2524800-11 Client ID: DUP Sample						
pH	6.91	6.99	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057926-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Sulfide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2057928-3 QC Sample: L2523476-16 Client ID: WC-1-2025-04-17						
Cyanide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 16 QC Batch ID: WG2059273-2 QC Sample: L2523489-05 Client ID: DUP Sample						
Flash Point	121	121	deg F	0		

Project Name: CURIA GROUNDWATER APRIL 2025**Lab Number:** L2523476**Project Number:** 75104.001.0202506**Report Date:** 05/01/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-01A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-01B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-01C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-02D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-02E	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-03A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-03D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		AS-UI(180)
L2523476-04A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04C	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.4	Y	Absent		AS-UI(180)
L2523476-05A	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-05B	Vial HCl preserved	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06A2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-06B1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06B2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C1	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06C2	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06D1	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06D2	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E1	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-06E2	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180),AS-UI(180)
L2523476-07A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-07B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-07C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-08C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-09C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-10D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NA-UI(180)
L2523476-11A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-11B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-11C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-12A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2523476-12B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-12C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-13C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-14C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-15A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-15B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2523476-16D	Plastic 60ml unpreserved	A	7	7	2.5	Y	Absent		PH-9040(1)
L2523476-16E	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2523476-16F	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2523476-16G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081-RVT(7)
L2523476-16H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081-RVT(7)
L2523476-16I	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2523476-16J	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2523476-16K	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		BA-6020T(180),SE-6020T(180),BA-TI(180),AS-TI(180),CR-6020T(180),AG-TI(180),CR-TI(180),PB-6020T(180),PB-TI(180),SE-TI(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CD-TI(180)
L2523476-16L	Amber 500ml unpreserved	A	7	7	2.5	Y	Absent		REACTS(7),REACTCN(7),FLASH()
L2523476-16M	Amber 1L unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)
L2523476-16N	Amber 1L unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)

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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.

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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

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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.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**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 – 320 Forbes Blvd. Mansfield, MA 02048****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.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****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

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**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 – 320 Forbes Blvd. Mansfield, MA 02048****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**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

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