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New York State Office of People with Developmental Disabilities – Gowanda Site – VCA Site No. V-00463-9

4 Industrial Place, Gowanda, NY

GROUNDWATER CHARACTERIZATION REPORT - SEPTEMBER 2023 (Q3 2023)

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1.0 INTRODUCTION

Bergmann is submitting this groundwater characterization report for the third quarter 2023 sampling event, conducted on September 18 and 19, 2023, on behalf of the Dormitory Authority of the State of New York (DASNY) and the New York State Office of People with Developmental Disabilities (OPWDD) for activities conducted at the former Gowanda Day Habilitation Center facility at 4 Industrial Place, Gowanda, NY. The OPWDD, as the volunteer, entered into a Voluntary Cleanup Agreement (VCA) with the New York State Department of Environmental Conservation (NYSDEC) to conduct investigations and implement remedial measures in accordance with VCA Site No. V-00463-9, effective August 16, 2001.

1.1 SCOPE OF WORK

This report documents the site-wide groundwater monitoring and laboratory analytical sampling event conducted on September 18 and September 19, 2023. Field measurements, sampling procedures and laboratory analysis were conducted in accordance with the October 2006 Operations, Monitoring and Maintenance (OM&M) Manual and as modified with NYSDEC approval. During this sampling event, groundwater from twenty-one (21) of twenty-one (21) site-related groundwater monitoring wells and all seven (7) groundwater recovery wells were sampled for laboratory analysis.

The pervious groundwater sampling event was conducted in May 2023 and included analysis of groundwater samples from the (21) site-related groundwater monitoring wells and all seven (7) groundwater recovery wells.

1.2 SITE BACKGROUND

The Gowanda Day Habilitation site consists of a 5.94-acre parcel located at 4 Industrial Place, Gowanda, New York. The building, previously used by several manufacturing operations, was built in stages between circa 1948 and 1987 and was renovated in 1987-1988. Manufacturing operations occurred at the site between 1956 and 1987. New York State agencies occupied the building since 1982. New York State acquired the parcel in 1989. The building was most recently operated by the OPWDD, which at that time was known as the Western New York Developmental Disabilities Services Office, as a Day Habilitation Center for mental care clients. In April 2001, on-site operations ceased. The nature and extent of contamination at the Gowanda Day Habilitation Center was detailed as part of the 2003 Site Investigation and 2004 Supplemental Site Investigation Reports. Trichloroethene (TCE) is the most commonly detected compound. TCE degradation products were also detected, including cis-1,2, Dichloroethene (Cis-1,2-DCE), trans-1,2-Dichloroethene (Trans-1,2-DCE) and Vinyl Chloride (VC).The source of these CVOCs are likely to be releases that occurred during the manufacturing operations that occurred at the facility.

Following Interim Remedial Measure (IRM) system installation, the Groundwater Treatment System (GTS) and the Soil Vapor Extraction System (SVES) was operated from 2005 to 2014 recovered 2-5 gallons per minute (gpm) of groundwater. The GTS portion consisted of seven (7) groundwater recovery wells (four dual phase recovery wells and three groundwater-only recovery wells), an air compressor, a network of controller-less pneumatic pumps and an air stripper treatment system to process recovered groundwater. Recovered groundwater was pumped to the equalization tank for settling of the sediment and transferred to the air stripper using a consistent flow rate. Air discharge from the air stripper was routed to the SVE for treatment prior to discharge. Groundwater was discharged to the village of Gowanda Sewage Treatment Plant (STP). Quarterly groundwater sampling with Operation and Maintenance of the remediation system has been ongoing since 2002.

In January 2014, the condition of the SVE and GTS was discussed with the NYSDEC representative, and it was agreed that these systems would be deactivated to allow for groundwater level recovery during the preparation

of an In-Situ Chemical Oxidation (ISCO) Remedial Action Plan (RAP) for the implementation of an ISCO treatment. Bergmann submitted an ISCO RAP for groundwater treatment to the NYSDEC to address the remaining contamination at the Site in lieu of costly repair of the SVE and GTS. The SVE and GTS equipment will remain on-site in the event that re-activation is required in the future. The SVES system was deactivated in 2013, and an ISCO treatment was implemented in May 2015 and a second round of injections in September 2015. An ISCO Report was prepared and submitted under a separate cover.

2.0 GROUNDWATER SAMPLING OVERVIEW AND METHODS

2.1 WELL MAINTENANCE ACTIVITIES

During the September 2023 site visit, all monitoring wells were accessible, and the integrity of the wells was not compromised. Repairs or maintenance to the network of groundwater monitoring wells or recovery wells has were not required. All protective casings and flush-mount curb boxes were found to be intact and secure. Exterior monitoring wells are secured with locking stick-up protective casings. The monitoring wells within the building are secured with flush-mount roadway covers. Well maintenance was not performed during the September 2023 sampling event.

2.2 GROUNDWATER FIELD MONITORING AND SAMPLING ACTIVITIES

Groundwater measurements and sampling activities were conducted in accordance with the October 2006 OM&M Manual. The depths to groundwater in groundwater monitoring wells are measured quarterly to monitor site-wide changes in the water table elevation. Groundwater samples were collected from the twenty-one (21) site-related groundwater monitoring wells for laboratory analysis on September 21 and September 22, 2023. Depth to groundwater measurements were obtained from twenty-eight (28) wells.

Groundwater samples were collected from monitoring wells after each well was gauged. Sample parameters including turbidity, temperature, pH, oxygen, and conductivity were determined by analyzing a quantity of groundwater in a cup using a YSI Quatro prior to sampling. Groundwater samples were collected from recovery wells using dedicated bailers, to allow for an accurate representation of groundwater without collecting sediment from within the wells. Sampling was performed based on discussion and direction from a telephone conversation with David Szymanski (NYSDEC project manager at the time) in January 2018 in which no noticeable changes in test results were noticed comparing bailing and slow purge methods. This was first noted in Q3 2018 and is also noted in the approved PRR dated 2019. A single duplicate sample and a field blank sample were collected and submitted for laboratory analysis.

The samples were transported from the project site via a chain-of-custody protocol to ALS Environmental, a NYSELAP certified laboratory located in Rochester, New York. The samples were then tested for Volatile Organic Compounds (VOCs), using EPA Method 8260. Analytical results for each individual monitoring well have been posted in Table 3 for comparative purposes from sampling events completed 2012 – 2023.

3.0 LOCAL GROUNDWATER FLOW CHARACTERIZATION

The Site potentiometric surface pattern and groundwater flow direction was determined for September 2023 using water table elevations measured at each well. Groundwater elevations and well reference elevations were calculated using depth to water values obtained on September 21 and September 22, 2023. The well gauging values and groundwater elevations are provided in Table 1 – Groundwater Elevations and Field Measurements – September 2023.

The September 2023 potentiometric surface map shows a flow pattern similar to groundwater flow pattern observed historically since 2002. Groundwater at the Site is flowing generally in a northerly direction. Torrance Place is hydraulically down-gradient from the Day Habilitation Center building. It is noted that the residential properties along Torrance Place utilize municipal/public water. The September 2023 water table elevations range from 764.36 feet (ft) above mean sea level (AMSL) at MW-21, to 771.28 ft. AMSL at DR-8. The average table water elevation was 768.32 ft AMSL, which is a decrease from the average groundwater elevation of the previous sampling event in May of 2023 (769.30 ft AMSL).

The site-wide average groundwater elevation decreased by approximately 0.98 ft when compared to the previous sampling event from May 2023. This decrease in the elevation of groundwater appears to be seasonal.

Measured depth to water at all gauged monitoring and recovery wells is presented in Table 1 and September 2023 Groundwater Elevation Contours are presented on Figure 1 – September 2023 Groundwater Elevation Contour Map.

4.0 LABORATORY ANALYSIS

4.1 LABORATORY ANALYSIS ON GROUNDWATER SAMPLES

Laboratory analysis was completed on the groundwater samples from twenty-one (21) monitoring wells and seven (7) recovery wells collected September 21 and September 22, 2023. Samples were analyzed for VOCs via EPA Method 8260. Analysis was performed in accordance with the October 2006 OM&M Manual. The following chlorinated VOCs (CVOCS) were analyzed for:

- Trichloroethene (TCE)
- 1,1,1 Trichloroethane (TCA)
- Cis-1,2-Dichloroethene (Cis-DCE)
- Trans-1,2-Dichloroethene (Trans-1,2-DCE)
- Vinyl Chloride (VC)

CVOCs concentrations, as present throughout this report, in the text, and Tables 2, 3, and 4 are the of the sum of detected concentration of TCE, Cis-DCE, TRANS-1,2-DCE, VC, and TCA.

4.2 MONITORING WELL GROUNDWATER ANALYSIS SUMMARY

The September 2023 analytical results indicate detection of three (3) chlorinated VOCs in monitoring well samples: TCE, Cis-DCE, and VC. CVOCs were detected in groundwater samples from eleven (11) of the twenty-one (21) monitoring wells sampled. Analytical results are summarized in Table 2 – September 2023 Analytical Results Summary, which compares detected VOCs and applicable NYSDEC Class GA Standards for each analyte. The complete laboratory analytical report is provided in Appendix A – Laboratory Analytical Results Report September 2023 Sampling Event. Table 3 – Historic Groundwater Analysis Results Summary includes the historical CVOC concentrations at each well since the groundwater monitoring of the wells began in 2002.

VOCs were not detected in groundwater from ten (10) of the sampled monitoring wells.

Groundwater samples from eleven (11) monitoring wells had detectable CVOCs at concentrations above applicable Class GA Standards. The monitoring well with the highest CVOCs were detected at monitoring wells MW-1 (660 parts per billion (ppb)), which is in the area of historically greatest impacted groundwater.

Concentrations in five (5) of the twenty-one (21) monitoring well groundwater samples increased when compared to the May 2023 sampling event while concentrations in six (6) of the twenty-one (21) monitoring well groundwater samples decreased. The concentrations of CVOCs in ten (10) monitoring wells remain unchanged.

The area of highest concentration of CVOCs groundwater is in the area centered between monitoring wells MW-1 and MW-11, which has historically concentrations of CVOCs have been detected and is inferred as the source area of impacted groundwater.

In the source area of the plume (MW-1, MW-6, MW-7, MW-11, MW-12, MW-14, MW-15, and MW-17) the analytical results show a contaminant reduction in CVOC concentrations by an average of approximately 80.14% since monitoring of these wells began in 2002.

- The total CVOC concentration at monitoring well MW-1 for the September 2023 sampling event was 660 parts per billion (ppb), an increase from the May 2023 concentration of 600 ppb.
- The total CVOC concentration at MW-11 for the September 2023 sampling event is 220 ppb, a decrease from the May 2023 concentration of 355 ppb.

- The total CVOC concentration at MW-12 for the September 2023 sampling event is 60 ppb, a decrease from the May 2023 concentration of 221.0 ppb.
- CVOC were not detected in MW-13 for the September 2023 sampling event and the May 2023 sampling event.
- The total CVOC were detected at a concentration of 30 ppb at MW-14 in September 2023 ppb, a decrease from the May 2023 concentration of 60 ppb.
- The total CVOC concentration at MW-15 for the September 2023 sampling event was 5.90 ppb, a decrease from the May 2023 sampling event, which was 6.90 ppb.

Five (5) groundwater monitoring wells are located along the subject property's north perimeter, down-gradient from the area of impacted groundwater (MW-5, MW-6, MW-7, MW-16, and MW-17). The current analytical data exhibits an overall decrease in targeted CVOCs at the sampled monitoring wells along the north perimeter, compared to the May 2023 sampling event.

Laboratory analytical reports are included in Appendix A. Monitoring well locations and distribution of analytical results are shown on Figure 2 – September 2023 Distribution of Groundwater Analytical Results: Monitoring Wells.

4.3 SENTRY WELL GROUNDWATER ANALYSIS SUMMARY

Sentry groundwater monitoring wells monitor a separate occurrence of contaminated groundwater at the Gowanda Electronics Site (NYSDEC Site 905025), immediately east of Industrial Place and east of the Day Habilitation Center property. The eastern sentry wells sampled for this event were MW-19R and MW-4. The current results indicate non-detection for MW-19R and non-detection for MW-4. Results for MW-20, a well situated on the eastern side of the site north of MW-4 and south of MW-19, were also non-detect.

The Gowanda Electronics CVOC plume may be migrating to an area near Industrial Place and CVOCs are intermittently detected in MW-19R. The Gowanda Electronics CVOC groundwater plume does not appear to extend to the Day Habilitation Center property, based on consistent non-detect values at the eastern sentry wells. Conversely, impacted groundwater from the Day Habilitation Center does not appear to extend off-site to the east toward Industrial Place. A ISCO injection application was implemented for the Gowanda Electronics site in June 2014.

Laboratory analytical results are included in Appendix A. Sentry well locations and analytical results are shown on Figure 2.

4.4 RECOVERY WELL GROUNDWATER ANALYSIS SUMMARY

During the September 2023 sampling event, all of the seven (7) inactive recovery wells were sampled. The recovery wells were active during GTS system operation from 2005 to 2014. The recovery wells have not been active since 2013.

The September 2023 analytical results indicate detection of chlorinated VOCs in all seven (7) recovery well samples that include: TCE, and Cis-DCE. Table 4 – Percent Reductions in Total Groundwater CVOCs.

- The total CVOC concentration at DR-1 for the September 2023 sampling event was 101 ppb, a decrease from the May 2023 concentration of 370 ppb.
- The total CVOC concentration at DR-2 for the September 2023 sampling event was 110 ppb, a decrease from the May 2023 concentration of 77 ppb.
- The total CVOC concentration at DR-3 for the September 2023 sampling event was 70 ppb, an increase from the May 2023 concentration of 53 ppb.

- The CVOC concentration at DR-4 for the September 2023 sampling event was 25.2 ppb, a decrease from the May 2023 concentration of 14 ppb.
- The total CVOC concentration at G-1 for the September 2023 sampling event was 49 ppb, an increase from the May 2023 value of 34.5 ppb.
- The total CVOC concentration at G-2 for the September 2023 sampling event was 50 ppb, a decrease from the May 2023 concentration of 24 ppb.
- The total CVOC concentration at G-3 for the September 2023 sampling event was 156 ppb, an increase from the May 2023 concentration of 138 ppb.

Laboratory analytical results are included in Appendix A. Recovery well locations and analytical results are shown on Figure 3 – September 2023 Distribution of Groundwater Analytical Results: Recovery Wells.

4.5 QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES

An equipment blank was collected. The analytical results for this equipment blank were non-detect. A trip blank was supplied by the laboratory for the September 2023 sampling event and was analyzed and was also non-detect.

A field duplicate (labeled as MW-X) was taken from MW-10. The results of this field duplicate were generally consistent with the results of the sample labeled MW-10 as shown in Tables 2 and 3.

Laboratory analytical results are included in Appendix A.

5.0 Future Groundwater Monitoring and Analysis Activities

The next site-wide groundwater sampling and laboratory analysis event is scheduled for Q4 2023. Future groundwater sampling events will be conducted to monitor groundwater conditions and to evaluate seasonal changes in water table elevations.

APPENDICES

TABLES

Table 1 Groundwater Elevations and Field Measurements September 2023
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

	Monitoring Wells									
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
Casing Elevation*	778.23	778.08	778.38	778.43	778.61	781.10	780.94	781.33	782.61	780.02
Depth to Groundwater (btoc)	7.73	7.30	7.95	10.30	11.60	14.50	14.04	11.15	11.85	8.90
Groundwater Elevation	770.50	770.78	770.43	768.13	767.01	766.60	766.90	770.18	770.76	771.12
Well Diameter	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Product Thickness	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Well Depth (btoc)	16.02	17.15	16.30	15.78	13.95	22.88	21.80	17.65	20.96	19.44
Bottom of Well Elevation	762.21	760.93	762.08	762.65	764.66	758.22	759.14	763.68	761.65	760.58
Thickness of Water Column	8.29	9.85	8.35	5.48	2.35	8.38	7.76	6.50	9.11	10.54
Minimum Purge Volume (gal)	1.35	1.61	1.36	0.89	0.38	1.37	1.3	1.06	1.48	1.7
3 Volumes	4.05	4.82	4.08	2.680	1.15	4.10	3.79	3.18	4.45	5.15
Actual volume purged	4.25	5.00	4.25	2.75	1.25	4.25	4.00	3.25	4.50	5.25
Comments	Flush = -0.29'	Flush = -0.30'	Flush = -0.23'	Flush = -0.34'	Flush = -0.24'	Stickup=2.17'	Stickup=2.17'	Stickup=2.84'	Stickup=2.05'	Stickup=2.56'

	Monitoring Wells										
	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19R	MW-20	MW-21
Casing Elevation	778.58	778.50	778.39	778.43	778.38	780.43	779.85	776.39	774.2	778.04	774.76
Depth to Groundwater (btoc)	8.02	8.40	8.55	11.30	11.34	13.64	14.00	10.08	8.9	10.15	10.4
Groundwater Elevation	770.56	770.10	769.84	767.13	767.04	766.79	765.85	766.31	765.3	767.89	764.36
Well Diameter	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Product Thickness	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well Depth (btoc)	15.48	17.38	17.40	18.15	19.80	23.26	25.18	25.0	17.67	14.75	15.82
Bottom of Well Elevation	763.10	761.12	760.99	760.28	758.58	757.17	754.67	751.39	756.53	763.29	758.94
Thickness of Water Column	7.46	8.98	8.85	6.85	8.46	9.62	11.18	14.92	8.77	4.60	5.42
Minimum Purge Volume (gal)	1.22	1.46	1.44	1.12	1.38	1.6	1.82	2.43	1.4	0.7	0.9
3 Volumes	3.65	4.39	4.33	3.35	4.14	4.70	5.47	7.30	4.29	2.25	2.65
Actual volume purged	3.75	4.50	4.50	3.50	4.25	4.75	5.50	7.50	4.30	2.25	2.75
Comments	Flush = -0.23'	Flush = -0.35'	Flush = -0.48'	Flush = -0.39'	Flush = -0.38	Stickup=2.26'	Stickup=1.18'	Flush =-0.26'	Flush ='0.36'	Flush=-0.43'	Flush =-.71'

	Recovery Wells						
	DR-1	DR-2	DR-3	DR-4	G-1	G-2	G-3
Casing Elevation	779.66	779.93	779.78	779.64	779.83	779.72	779.42
Depth to Groundwater (btoc)	9.05	8.65	12.40	12.32	12.60	12.49	11.13
Groundwater Elevation	770.61	771.28	767.38	767.32	767.23	767.23	768.29
Well Diameter	4"	4"	4"	4"	4"	4"	4"
Product Thickness	ND	ND	ND	ND	ND	ND	ND
Well Depth (btoc)	18.06	18.06	20.45	19.69	22.98	20.72	18.15
Bottom of Well Elevation	761.6	761.87	759.33	759.95	756.85	759	761.27
Thickness of Water Column	9.01	9.41	8.05	7.37	10.38	8.23	7.02
Minimum Purge Volume (gal)	5.88	6.14	5.26	4.81	6.78	5.37	4.58
3 Volumes	17.651	18.43	15.77	14.44	20.33	16.123	13.75
Actual volume purged	17.75	18.50	16.0	14.50	20.33	16.25	14.00
Comments	Stickup=0.85'	Stickup=1.06'	Stickup=0.95'	Stickup=0.84'	Stickup=1.03'	Stickup=0.86'	Vaulted well

NOTES

btoc = Below top of casing (inner riser) All measurements are in feet, referenced to Mean Sea Level
NS = Not Sampled
ND = No floating product encountered
Minimum purge volume = 3 X well volume, 0.163 gallon per foot in a 2" diameter well. 0.653 gallon per foot in a 4" diameter well.
Monitoring well MW-19 was removed and the area restored on July 23, 2003 immediately after the well was developed, purged of 3 volumes and sampled.
The borehole for MW-19 was backfilled with a cement-bentonite grout after the PVC screening and casing was successfully removed.
Wells MW-19R, MW-20 and MW-21 were installed in October 2004.

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Monitoring Well MW-1 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**380.00**	**400.00**	5.0
CIS	**220.00**	**260.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**600.00**	**660.00**	

Monitoring Well MW-2 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-3 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-4 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-5 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-6 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**34.00**	**34.00**	5.0
TRANS	ND	ND	5.0
VC	**25.00**	**50.00**	2.0
TCA	ND	ND	5.0
Total VOCs	**59.00**	**84.00**	

ND = Non-detect
Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Monitoring Well MW-7 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**50.00**	**44.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**50.00**	**44.00**	

Monitoring Well MW-8 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-9 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-10 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-11 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**220.00**	**140.00**	5.0
CIS	**120.00**	**80.00**	5.0
TRANS	**9.30**	ND	5.0
VC	**5.70**	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**355.00**	**220.00**	

Monitoring Well MW-12 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**41.00**	**13.00**	5.0
CIS	**180.00**	**47.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**221.00**	**60.00**	

ND = Non-detect Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Monitoring Well MW-13 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-14 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**8.00**	**13.00**	5.0
CIS	**52.00**	**17.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**60.00**	**30.00**	

Monitoring Well MW-15 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**6.90**	**5.90**	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**6.90**	**5.90**	

Monitoring Well MW-16 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**33.00**	**14.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**33.00**	**14.00**	

Monitoring Well MW-17 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	**11.00**	**8.30**	5.0
CIS	**170.00**	**210.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**181.00**	**218.30**	

Monitoring Well MW-18 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**6.30**	**26.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**6.30**	**26.00**	

ND = Non-detect
Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Monitoring Well MW-19R Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-20 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

Monitoring Well MW-21 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**5.80**	**23.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**5.80**	**23.00**	

ND = Non-detect Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Recovery Well DR-1 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**270.00**	**86.00**	5.0
CIS	**100.00**	**15.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**370.00**	**101.00**	

Recovery Well DR-2 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**15.00**	**15.00**	5.0
CIS	**62.00**	**95.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**77.00**	**110.00**	

Recovery Well DR-3 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**18.00**	**23.00**	5.0
CIS	**35.00**	**47.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**53.00**	**70.00**	

Recovery Well DR-4 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**14.00**	**17.00**	5.0
CIS	ND	**8.20**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**14.00**	**25.20**	

Recovery Well G-1 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**6.50**	ND	5.0
CIS	**28.00**	**49.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**34.50**	**49.00**	

Recovery Well G-2 Sample Date: 9/21/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	**24.00**	**50.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**24.00**	**50.00**	

ND = Non-detect
Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 2 September 2023 Analytical Results Summary
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

Recovery Well G-3 Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	**18.00**	**16.00**	5.0
CIS	**120.00**	**140.00**	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	**138.00**	**156.00**	

Duplicate Blank (MW-10) Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	'Sep 2023	NYS Guidance Value
TCE	ND	5.0
CIS	ND	5.0
TRANS	ND	5.0
VC	ND	2.0
TCA	ND	5.0
Total VOCs	ND	

Equipment Blank Sample Date: 9/22/2023
Sampling Events

Analyte in ppb	'May 2023	Sep 2023	NYS Guidance Value
TCE	ND	ND	5.0
CIS	ND	ND	5.0
TRANS	ND	ND	5.0
VC	ND	ND	2.0
TCA	ND	ND	5.0
Total VOCs	ND	ND	

ND = Non-detect Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.
NS = Not Sampled. No analysis performed during this sampling event.
Results expressed as parts per billion (ppb).
Bold results exceed NYSDEC TOGS 1.1.1 Class GA, June 1998 re-issue (MTBE = April 2000 Addendum Guidance Value)

Table 3 Historic Groundwater Analysis Results Summary
Gowanda Dav Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

MONITORING WELLS

Monitoring Well Number	Total VOCs Sep 2023 (ppb)	Total VOCs May 2023 (ppb)	Total VOCs Mar 2023 (ppb)	Total VOCs Dec 2022 (ppb)	Total VOCs Sep 2022 (ppb)	Total VOCs Jun 2022 (ppb)	Total VOCs Mar 2022 (ppb)	Total VOCs Nov 2021 (ppb)	Total VOCs Sep 2021 (ppb)	Total VOCs Mar 2021 (ppb)	Total VOCs Nov 2020 (ppb)	Total VOCs July 2020 (ppb)	Total VOCs June 2020 (ppb)	Total VOCs Feb 2020 (ppb)	Total VOCs Oct 2019 (ppb)	Total VOCs Aug 2019 (ppb)	Total VOCs July 2019 (ppb)	Total VOCs Nov 2018 (ppb)	Total VOCs Aug 2018 (ppb)	Total VOCs May 2018 (ppb)	Total VOCs April 2018 (ppb)	Total VOCs Nov 2017 (ppb)	Total VOCs Aug 2017 (ppb)	Total VOCs Nov 2016 (ppb)	Total VOCs Sep 2016 (ppb)	Total VOCs Jun 2016 (ppb)	Total VOCs Nov 2015 (ppb)	Total VOCs Aug 2015 (ppb)	Total VOCs Jun 2015 (ppb)	Total VOCs Mar 2015 (ppb)	Total VOCs Nov 2014 (ppb)	Total VOCs Sep 2014 (ppb)	Total VOCs Jun 2014 (ppb)	Total VOCs Mar 2014 (ppb)	Total VOCs Dec 2013 (ppb)	Total VOCs Jul 2013 (ppb)	Total VOCs Apr 2013 (ppb)	Total VOCs Dec 2012 (ppb)	Total VOCs Jun 2012 (ppb)	Total VOCs Mar 2012 (ppb)
MW-1	660.00	600.00	449.00	869.60	1,002.30	529.40	382.59	980.46	404.62	928.90	344.70	1,020.00	991.80	993.50	1,009.00	698.00	1,081.00	1,080.00	1,190.00	1,110.00	374.00	1,013.00	1,210.00	1,467.00	838.00	580.00	1,530.00	1,470.00	350.00	430.00	300.00	420.00	990.00	990.00	1,740.00	830.00	910.00	1,440.00	528.00	889.00
MW-2	ND	ND	ND	0.33	ND	ND	ND	ND	ND	ND	0.29	ND	ND	ND	ND	0.28	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	ND	ND	ND	0.20	1.14	1.04	0.25	ND	ND	1.31	1.14	ND	0.30	ND	ND	0.28	0.39	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	0.69	0.75	1.00	0.60	1.20	1.50	0.79	1.60	ND	0.51	0.42	0.47	0.52	0.90	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	84.00	59.00	62.00	100.00	184.00	89.00	92.21	112.00	95.00	78.00	81.20	66.00	79.41	64.80	99.10	92.64	86.63	81.00	84.00	77.00	76.00	100.00	91.00	87.00	120.00	100.00	120.00	96.00	86.00	81.00	110.00	110.00	96.00	94.00	130.00	99.00	93.00	99.00	86.70	85.70
MW-7	44.00	50.00	22.00	23.87	8.76	30.26	33.06	29.15	102.37	94.74	173.67	ND	73.89	1.16	55.58	38.00	27.83	ND	ND	ND	ND	5.80	29.00	110.00	62.00	83.00	49.00	130.00	58.00	ND	180.00	190.00	29.00	ND	ND	18.00	ND	ND	151.56	30.50
MW-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	220.00	355.00	304.00	291.40	350.00	200.10	420.60	495.40	386.90	490.70	546.50	584.00	1,274.00	604.50	699.30	937.40	1,059.00	489.30	282.00	489.00	1,160.00	470.00	525.00	646.00	445.00	550.00	1,060.00	630.00	444.00	500.00	451.00	375.00	450.00	710.00	880.00	510.00	570.00	790.00	498.00	617.00
MW-12	60.00	221.00	170.00	93.65	78.30	168.10	271.90	125.40	65.86	65.88	60.05	84.00	147.03	116.54	54.00	54.48	79.00	53.00	25.00	100.00	113.00	31.00	40.00	7.10	7.80	15.80	28.80	52.00	97.00	120.00	126.00	136.00	200.00	212.00	173.00	149.30	186.60	142.00	86.50	148.22
MW-13	ND	ND	ND	2.06	0.96	2.06	5.11	1.83	0.95	2.40	1.34	ND	2.70	3.40	2.10	0.50	1.38	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14	30.00	60.00	63.90	52.30	91.90	31.00	104.45	91.86	84.40	20.80	63.40	13.00	18.20	34.00	33.00	26.50	25.90	30.70	22.30	22.80	28.00	38.00	22.10	76.00	100.00	57.00	81.00	96.00	52.00	99.00	68.00	68.00	54.00	73.00	94.00	49.00	71.00	47.00	39.70	76.60
MW-15	5.90	6.90	ND	5.20	3.70	14.10	9.40	15.60	24.80	2.60	25.80	ND	5.00	2.90	7.60	8.10	4.90	ND	6.50	ND	ND	ND	7.40	11.00	23.80	11.00	9.90	14.00	8.10	9.80	32.00	31.00	6.10	ND	6.80	7.00	ND	12.90	26.26	6.25
MW-16	14.00	33.00	23.00	26.66	9.72	41.79	35.02	31.75	22.56	14.32	11.29	13.00	37.43	25.62	7.11	31.53	37.61	41.00	10.00	41.00	43.00	32.00	36.00	14.00	20.00	37.00	31.00	13.00	6.80	ND	5.20	9.40	21.00	24.00	20.00	8.40	24.00	18.00	4.36	12.20
MW-17	218.30	181.00	7.30	226.32	172.22	NS	85.32	85.27	230.86	173.60	271.20	295.00	266.20	16.20	193.01	342.00	277.00	218.00	265.00	112.50	5.10	222.00	396.00	375.00	465.00	425.00	460.00	410.00	NS	336.00	394.00	410.00	339.00	167.00	420.00	400.00	21.30	430.00	381.00	260.10
MW-18	26.00	6.30	ND	5.94	7.01	9.43	3.88	6.42	6.33	1.55	7.13	ND	2.27	0.73	1.60	3.10	2.80	ND	ND	ND	ND	6.30	ND	10.00	26.00	6.90	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	16.60	2.33
MW-19R	ND	ND	ND	ND	0.22	0.32	0.30	0.29	0.34	0.50	0.36	ND	0.26	0.19	0.28	0.60	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.50	ND	ND
MW-20	ND	ND	ND	ND	ND	ND	ND	ND	0.35	ND	0.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21	23.00	5.80	5.20	16.35	25.48	6.35	7.76	15.27	19.16	5.60	32.04	11.00	5.90	23.50	24.49	18.33	NS	NS	NS	NS	NS	NS	NS	17.00	39.00	8.70	20.00	20.00	10.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-X (DUP)	ND	344.60	567.00	281.30	215.80	1.20	109.45	6.50	ND	152.40	100.46	13.00	2.40	3.30	1,118.90	1,118.90	914.60	ND	ND	434.00	NS	490.00	DWS	1,705.00	879.00	550.00	1,720.00	410.00	360.00	407.00	300.00	400.00	870.00	990.00	1,850.00	540.00	186.80	1,450.00	521.00	913.00
EB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RECOVERY WELLS

Recovery Well Number	Total VOCs Sep 2023 (ppb)	Total VOCs May 2023 (ppb)	Total VOCs Mar 2023 (ppb)	Total VOCs Dec 2022 (ppb)	Total VOCs Sep 2022 (ppb)	Total VOCs Jun 2022 (ppb)	Total VOCs Mar 2022 (ppb)	Total VOCs Nov 2021 (ppb)	Total VOCs Sep 2021 (ppb)	Total VOCs Mar 2021 (ppb)	Total VOCs Nov 2020 (ppb)	Total VOCs July 2020 (ppb)	Total VOCs June 2020 (ppb)	Total VOCs Feb 2020 (ppb)	Total VOCs Oct 2019 (ppb)	Total VOCs Aug 2019 (ppb)	Total VOCs July 2019 (ppb)	Total VOCs Nov 2018 (ppb)	Total VOCs August 2018 (ppb)	Total VOCs May 2018 (ppb)	Total VOCs April 2018 (ppb)	Total VOCs Nov 2017 (ppb)	Total VOCs Aug 2017 (ppb)	Total VOCs Nov 2016 (ppb)	Total VOCs Sep 2016 (ppb)	Total VOCs Jun 2016 (ppb)	Total VOCs Nov 2015 (ppb)	Total VOCs Aug 2015 (ppb)	Total VOCs Jun 2015 (ppb)	Total VOCs Mar 2015 (ppb)	Total VOCs Nov 2014 (ppb)	Total VOCs Sep 2014 (ppb)	Total VOCs Jun 2014 (ppb)	Total VOCs Mar 2014 (ppb)	Total VOCs Dec 2013 (ppb)	Total VOCs Jul 2013 (ppb)	Total VOCs Apr 2013 (ppb)	Total VOCs Dec 2012 (ppb)	Total VOCs Jun 2012 (ppb)	Total VOCs Mar 2012 (ppb)
DR-1	101.00	370.00	570.00	940.40	225.80	341.00	663.50	598.60	98.05	485.30	117.80	909.00	1222.00	1123.60	912.60	1038.00	1832.00	1310.00	1510.00	1319.00	1070.00	1540.00	1970.00	617.00	610.00	910.00	319.00	160.00	NS	21.70	63.00	55.00	75.00	132.00	87.00	73.00	82.00	43.00	29.38	673.00
DR-2	110.00	77.00	86.00	214.90	128.70	100.15	129.15	251.30	162.40	144.20	111.60	116.00	129.70	137.80	185.90	192.00	156.00	216.00	162.00	128.00	130.00	181.00	199.00	137.00	218.00	215.00	199.00	187.00	291.00	259.00	162.00	224.00	231.00	207.00	302.00	256.00	293.00	19.00	229.90	305.30
DR-3	70.00	53.00	41.00	69.30	76.05	85.71	75.20	94.88	85.26	66.77	81.73	63.00	81.80	67.70	99.70	101.00	91.00	73.00	87.00	125.40	34.00	48.00	NS	98.00	154.00	62.00	45.00	76.00	83.00	55.00	181.00	210.00	83.00	89.00	123.00	62.00	73.00	42.00	116.96	24.90
DR-4	25.20	14.00	15.00	28.10	31.25	24.40	29.00	34.60	34.10	31.90	42.34	29.90	30.50	32.40	40.60	46.60	40.00	37.20	48.00	31.20	31.60	46.00	52.00	79.00	95.00	63.00	94.00	110.00	71.00	147.00	156.00	148.00	96.00	64.00	68.00	79.00	37.00	90.00	122.60	ND
G-1	49.00	34.50	33.50	53.85	87.50	41.98	47.21	53.68	51.83	45.82	100.60	53.00	37.60	50.10	70.00	78.70	50.40	74.60	77.00	40.00	22.00	70.00	73.50	85.00	105.60	59.70	80.30	ND	68.00	146.00	101.00	105.00	90.00	78.00	96.20	69.10	55.80	52.60	68.55	65.58
G-2	50.00	24.00	30.00	44.58	33.91	67.69	45.35	52.67	45.40	64.38	37.46	54.00	30.90	18.80	90.49	90.00	69.00	25.00	68.00	50.00	46.00	8.50	NS	NS	ND	NS	NS	28.00	NS	48.00	34.00	37.00	52.00	14.00	68.00	81.00	50.00	132.20	75.30	41.90
G-3	156.00	138.00	127.00	182.89	182.69	160.51	153.75	185.80	226.09	177.73	236.35	235.00	272.36	335.52	305.34	309.65	309.65	15.00	322.00	NS	NS	NS	NS	293.00	404.00	420.00	262.00	370.00	NS	NS	NS	NS	NS	82.00	NS	11.00	25.00	41.60	147.30	44.20

NS= This well not included in this sampling event.
ND = Not Detected, results less than Method Detection Limit.
Impacted north property line wells: MW-5, MW-6, MW-7, MW-16, MW-17, MW-21
All compounds are measured in parts per billion (ppb).
VOC - Volatile Organic Compounds
DUP - Duplicate Sample
EB - Equipment/Field Blank Samole
* - Samole was broken in transit and not able to be analvzed
DWS- Different Well Samoled than previosuly tested.

Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.

Table 4 Percent Reductions in Total Groundwater VOCs
Gowanda Day Habilitation Center
4 Industrial Place, Gowanda, New York
VCA # V-00463-9

The Groundwater Treatment System was activated in May 2005

Monitoring Well	% Reduction 2002 to Sep 2023	% Reduction 2002 to May 2023	% Reduction 2002 to March 2023	% Reduction 2002 to December 2022	% Reduction 2002 to September 2022	% Reduction 2002 to June 2022	% Reduction 2002 to March 2022	% Reduction 2002 to November 2021	% Reduction 2002 to September 2021
MW-1†	14.06%	21.88%	41.54%	-13.23%	-30.51%	31.07%	50.18%	-27.66%	47.32%
MW-2	100.00%	100.00%	100.00%	98.57%	100.00%	100.00%	100%	100%	100%
MW-3	100.00%	100.00%	100.00%	98.67%	92.40%	93.07%	98.33%	100.00%	100%
MW-4	100.00%	100.00%	100.00%	100.00%	100.00%	NS	100%	100%	100%
MW-5	100.00%	100.00%	100.00%	95.07%	94.64%	92.86%	95.71%	91.43%	89.29%
MW-6	79.31%	85.47%	84.73%	75.37%	54.68%	78.08%	77.29%	72.41%	76.60%
MW-7	90.22%	88.89%	95.11%	94.70%	98.05%	93.28%	92.65%	93.52%	77.25%
MW-8	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100%	100%	100%
MW-9	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100%	100%	100%
MW-10	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100%	100%	100%
MW-11	95.27%	92.36%	93.46%	93.73%	92.47%	95.69%	90.95%	89.34%	91.67%
MW-12	99.53%	98.25%	98.66%	99.26%	99.38%	98.67%	97.85%	99%	99.48%
MW-13	100.00%	100.00%	100.00%	99.35%	99.70%	99.35%	98.38%	99.42%	99.70%
MW-14	90.48%	80.95%	79.73%	83.40%	70.83%	90.16%	66.86%	70.86%	73.21%
MW-15	99.19%	99.05%	100.00%	99.29%	99.49%	98.07%	98.71%	97.86%	96.60%
MW:16*	63.16%	13.16%	39.47%	29.84%	74.42%	-9.97%	7.84%	16.45%	40.63%
MW-17*	73.05%	77.65%	99.10%	72.06%	78.74%	NS	89.47%	89.47%	71.50%
MW-18:*	83.65%	96.04%	100.00%	96.26%	95.59%	94.06%	97.56%	95.96%	96.02%
MW-19 R*	100.00%	100.00%	100.00%	100.00%	97.8%	96.80%	97.9%	97.93%	97.57%
MW-20**	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100%	100%	97.94%
MW-21**	94.7%	98.7%	98.81%	96.3%	94.2%	98.54%	98.2%	96.5%	95.61%
* Well installed 2003									
** Well Installed 2004									
Site-Wide reduction:	89.65%	88.21%	91.93%	86.60%	86.28%	86.83%	88.47%	84.88%	88.11%
Sentry Well Reduction:	100.00%	100.00%	100.00%	100.00%	99.27%	98%	99%	99.31%	98.50%
Impacted Groundwater Plume Area Only:	80.14%	80.56%	86.54%	75.57%	70.39%	83.57%	83.00%	73.10%	79.20%

Monitoring Well	% Reduction 2002 to March 2021	% Reduction 2002 to November 2020	% Reduction 2002 to July 2020	% Reduction 2002 to Jun 2020	% Reduction 2002 to Feb 2020	% Reduction 2002 to Oct 2019	% Reduction 2002 to Aug 2019	% Reduction 2002 to July 2019	% Reduction 2002 to Nov 2018
MW-1†	-20.95%	55.12%	-32.81%	-29.14%	-29.36%	-31.4%	9.11%	-40.76%	-40.6%
MW-2	100%	99%	100%	100%	100%	100%	98.78%	100%	100%
MW-3	91%	92%	100%	98%	100%	100%	98.13%	97.40%	100%
MW-4	100%	100%	100%	100%	100%	100%	100.0%	100%	100%
MW-5	94%	89%	100%	96%	97%	96.64%	96.29%	93.57%	100%
MW-6	80.79%	80.00%	83.74%	80.44%	84.04%	75.59%	77.18%	78.66%	100%
MW-7	78.95%	61.41%	100.00%	83.58%	99.74%	87.65%	91.33%	93.82%	80.0%
MW-8	100%	100%	100%	100%	100%	100%	100%	100%	100%
MW-9	100%	100%	100%	100%	100%	100%	100%	100%	100%
MW-10	100%	100%	100%	100%	100%	100%	100%	100%	100%
MW-11	89.44%	88.24%	87.43%	72.57%	86.99%	84.95%	79.83%	77.21%	89.5%
MW-12	99.48%	99.53%	99.34%	98.85%	99.08%	99.57%	99.57%	99.38%	99.6%
MW-13	99.24%	99.57%	100.00%	99.14%	98.92%	99.33%	99.84%	99.56%	100%
MW-14	93.40%	79.87%	95.87%	94.22%	89.21%	89.52%	91.59%	91.78%	90.3%
MW-15	99.64%	96.47%	100.00%	99.32%	99.60%	98.89%	98.89%	99.33%	100%
MW:16*	62.32%	70.29%	65.79%	96.66%	98.07%	86.11%	38.42%	26.54%	19.9%
MW-17*	78.56%	66.52%	63.58%	73.67%	98.40%	80.91%	66.17%	72.60%	78.4%
MW-18:*	99.03%	95.52%	100.00%	99.42%	99.81%	62.50%	99.21%	99.29%	100%
MW-19 R*	96.43%	97.43%	100.00%	98.14%	98.64%	98.00%	95.71%	Not Sampled	Not Sampled
MW-20**	100%	95%	100.00%	98%	99%	100%	100%	100%	100%
MW-21**	98.72%	92.65%	97.48%	98.65%	94.61%	94.38%	95.80%	Not Sampled	Not Sampled
Site-Wide reduction:	87.65%	88.44%	88.59%	88.48%	91.11%	86.8%	87.42%	83.6%	85.1%
Sentry Well Reduction:	98.81%	97.42%	100%	98.76%	99.10%	99.33%	99%	100.00%	100.00%
Impacted Groundwater Plume Area Only:	74.9%	78.4%	74.64%	71.41%	75.61%	72.11%	78.21%	71.5%	74.6%

Monitoring Well	% Reduction 2002 to Aug 2018	% Reduction 2002 to May 2018	% Reduction 2002 to April 2018	% Reduction 2002 to Nov 2017	% Reduction 2002 to Aug 2017	% Reduction 2002 to Nov 2016	% Reduction 2002 to Sep 2016	% Reduction 2002 to Jun 2016	% Reduction 2002 to Nov 2015	% Reduction 2002 to Aug 2015
MW-1†	-54.9%	-44.5%	51.3%	-39.90%	-57.6%	-48.0%	-9.1%	24.5%	-99.2%	-91.4%
MW-2	100%	100%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-3	100%	100%	100%	100%	100.0%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-4	100%	100%	100%	100%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MW-5	100%	100%	100%	100%	100.0%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-6	-83.3%	15.4%	15.4%	-84.60%	15.4%	81.3%	70.4%	75.4%	70.4%	76.4%
MW-7	79.3%	100.0%	81.3%	98.70%	93.6%	75.6%	86.2%	81.6%	89.1%	71.1%
MW-8	100%	100%	100%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-9	100%	100%	100%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-10	100%	100%	100%	100%	100.0%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-11	93.9%	89.5%	75.0%	89.20%	99.1%	86.1%	90.4%	88.2%	77.2%	86.4%
MW-12	99.8%	99.2%	99.1%	99.80%	75.0%	99.9%	99.9%	99.9%	99.8%	99.6%
MW-13	100%	100%	100%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-14	92.9%	92.8%	91.1%	87.90%	2.3%	75.9%	68.3%	81.9%	74.3%	69.5%
MW-15	99.1%	100%	100%	100%	99.0%	98.5%	96.7%	98.5%	98.6%	98.1%
MW:16*	80.5%	19.9%	2.3%	2.80%	2.3%	72.7%	60.9%	27.7%	39.5%	74.6%
MW-17*	73.8%	88.9%	99.5%	78*	2.3%	62.9%	54.0%	58.0%	54.5%	59.4%
MW-18:*	100%	100%	100%	100%	100.0%	97.4%	93.4%	98.2%	100.0%	100.0%
MW-19 R*	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	100.0%	100.0%	100.0%	100.0%	100.0%
MW-20**	100%	100%	100%	100%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MW-21**	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	34.6%	-50.0%	66.5%	23.1%	23.1%
Site-Wide reduction:	78.0%	82.2%	84.2%	67.60%	62.1%	74.1%	68.7%	78.6%	66.2%	69.1%
Sentry Well Reduction:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Impacted Groundwater Plume Area Only:	72.1%	67.6%	76.6%	51.40%	41.1%	66.5%	69.6%	76.0%	58.1%	58.6%

Monitoring Well	% Reduction 2002 to Jun 2015	% Reduction 2002 to Mar 2015	% Reduction 2002 to Nov 2014	% Reduction 2002 to Sep 2014	% Reduction 2002 to Jun 2014	% Reduction 2002 to Mar 2014	% Reduction 2002 to Dec 2013	% Reduction 2002 to Jul 2013	% Reduction 2002 to Apr 2013	% Reduction 2002 to Dec 2012
MW-1†	54.4%	44.0%	60.9%	45.3%	-28.9%	-28.9%	-126.6%	-8.1%	-19.5%	-87.5%
MW-2	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-3	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-4	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.00%
MW-5	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-6	78.8%	80.0%	72.9%	72.9%	76.4%	76.8%	68.0%	75.6%	77.1%	75.6%
MW-7	87.1%	100.0%	60.0%	57.8%	93.6%	100.0%	100.0%	96.0%	100.0%	100.0%
MW-8	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-9	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-10	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-11	90.4%	89.2%	90.3%	91.9%	90.3%	84.7%	81.1%	89.0%	87.7%	83.0%
MW-12	99.2%	99.1%	99.0%	98.4%	98.4%	98.3%	98.6%	98.8%	98.5%	98.9%
MW-13	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-14	83.5%	68.6%	78.4%	78.4%	82.9%	76.8%	70.2%	84.4%	77.5%	85.1%
MW-15	98.9%	98.7%	95.6%	95.8%	99.2%	100.0%	99.1%	99.0%	100.0%	98.2%
MW:16*	86.7%	100.0%	89.8%	81.6%	59.0%	53.1%	60.9%	77.9%	36.8%	52.6%
MW-17*	Not Sampled	66.8%	61.0%	59.4%	66.5%	83.5%	58.5%	50.6%	97.4%	46.9%
MW-18:*	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	Not Sampled	100.0%	100.0%	100.0%
MW-19 R*	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	75.0%
MW-20**	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.4%
MW-21**	61.5%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
Site-Wide reduction:	87.7%	88.2%	85.2%	83.2%	79.8%	80.3%	67.5%	81.8%	81.2%	71.3%
Sentry Well Reduction:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	91.47%
Impacted Groundwater Plume Area Only:	84.6%	80.8%	77.3%	75.0%	72.3%	73.9%	82.2%	73.2%	77.3%	62.5%

Monitoring Well	% Reduction 2002 to Jun 2012	% Reduction 2002 to Mar 2012	% Reduction 2002 to Sep 2011	% Reduction 2002 to Jun 2011	% Reduction 2002 to Mar 2011	% Reduction 2002 to Dec 2010	% Reduction 2002 to Sep 2010	% Reduction 2002 to Jun 2010	% Reduction 2002 to Jan 2010	% Reduction 2002 to Jul 2009
MW-1†	31.3%	-15.8%	42.4%	-71.6%	24.1%	26.6%	15.5%	-1.3%	15.8%	-44.2%
MW-2	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-3	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-4	100.0%	100.0%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%
MW-5	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-6	78.6%	78.9%	75.1%	80.5%	82.0%	79.9%	73.6%	76.4%	81.3%	77.1%
MW-7	66.3%	93.2%	53.5%	84.2%	95.0%	87.1%	64.3%	74.6%	96.6%	52.7%
MW-8	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-9	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-10	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-11	89.3%	86.7%	89.1%	84.5%	86.6%	87.3%	86.4%	83.5%	83.3%	86.5%
MW-12	99.3%	98.8%	99.3%	98.7%	99.3%	99.3%	99.2%	98.7%	98.1%	99.4%
MW-13	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
MW-14	87.4%	75.7%	75.5%	66.7%	89.9%	92.3%	87.6%	79.3%	85.9%	87.1%
MW-15	96.4%	99.1%	95.6%	97.8%	99.1%	97.7%	91.5%	96.9%	98.3%	91.1%
MW:16*	88.5%	67.9%	84.0%	39.2%	23.9%	81.0%	93.3%	99.7%	94.2%	42.1%
MW-17*	53.0%	67.9%	44.6%	72.2%	96.7%	94.1%	61.4%	71.3%	97.7%	71.8%
MW-18:*	89.6%	98.5%	81.9%	91.3%	96.0%	88.7%	74.4%	82.7%	96.0%	-23.3%
MW-19 R*	99.0%	99.0%	99.0%	99.0%	99.0%	99.0%	73.3%	99.0%	99.0%	57.3%
MW-20**	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%
MW-21**	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled
Site-Wide reduction:	82.9%	80.7%	79.7%	72.2%	83.7%	86.9%	78.3%	81.4%	87.9%	61.1%
Sentry Well Reduction:	99.47%	99.47%	98.59%	98.59%	98.59%	98.59%	90.03%	98.59%	98.59%	84.69%
Impacted Groundwater Plume Area Only:	75.2%	73.1%	71.9%	64.1%	84.1%	83.0%	72.5%	72.4%	82.1%	65.2%

Monitoring Well	% Reduction 2002 to Feb 2009	% Reduction 2002 to Sep 2008	% Reduction 2002 to Jun 2008	% Reduction 2002 to Mar 2008	% Reduction 2002 to Sept 2007	% Reduction 2002 to May 2007	% Reduction 2002 to Oct 2006	% Reduction 2002 to Nov 2005
MW-1†	11.8%	-12.0%	8.2%	-90.5%	-92.8%	-166.4%	-130.3%	-46.9%
MW-2	Not Sampled	99.6%	Not Sampled	99.6%	99.6%	99.6%	99.6%	99.6%
MW-3	Not Sampled	Not Sampled	Not Sampled	99.3%	84.0%	99.3%	99.3%	99.3%
MW-4	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%
MW-5	Not Sampled	Not Sampled	Not Sampled	99.3%	75.6%	99.3%	99.3%	63.4%
MW-6	78.4%	72.2%	69.7%	74.1%	57.9%	62.8%	57.4%	42.6%
MW-7	79.5%	22.7%	45.8%	56.3%	20.0%	26.7%	6.7%	-1.3%
MW-8	Not Sampled	Not Sampled	Not Sampled	92.9%	92.9%	Not Sampled	92.9%	92.9%
MW-9	Not Sampled	Not Sampled	Not Sampled	97.6%	97.6%	Not Sampled	97.6%	97.6%
MW-10	Not Sampled	Not Sampled	Not Sampled	96.2%	96.2%	Not Sampled	96.2%	96.2%
MW-11	83.0%	90.6%	87.8%	78.0%	91.4%	74.4%	44.0%	76.3%
MW-12	97.8%	99.5%	98.7%	98.7%	98.4%	96.6%	91.4%	62.2%
MW-13	Not Sampled	100.0%	Not Sampled	100.0%	99.4%	100.0%	100.0%	100.0%
MW-14	88.9%	94.3%	87.9%	90.7%	67.2%	66.1%	6.7%	55.6%
MW-15	99.3%	84.5%	89.4%	97.5%	79.5%	91.7%	79.5%	62.9%
MW:16*	41.6%	57.4%	43.9%	77.5%	35.0%	-57.9%	-34.7%	-72.1%
MW-17*	99.5%	10.1%	26.0%	24.7%	-11.5%	4.1%	-24.8%	-24.2%
MW-18:*	91.8%	-50.0%	27.6%	64.8%	-352.2%	-178.0%	-146.5%	-135.8%
MW-19 R*	99.0%	-36.7%	-5.7%	99.0%	-120.8%	73.6%	-14.0%	-102.0%
MW-20**	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	99.4%
MW-21**	Not Sampled	67.5%	Not Sampled	96.7%	-22.2%	27.1%	94.0%	-13.7%
Site-Wide reduction:	82.1%	56.0%	59.7%	78.5%	32.9%	39.8%	43.4%	35.7%
Sentry Well Reduction:	98.59%	53.36%	63.69%	98.59%	25.33%	90.13%	60.93%	31.59%
Impacted Groundwater Plume Area Only:	79.8%	57.7%	64.2%	53.7%	38.8%	32.0%	16.3%	28.4%

Plume Area = MW-1, MW-11, MW-12, MW-14, MW-15, MW-7, MW-17, MW-6
% reduction = percent reduction in total Volatile Organic Compounds (VOCs) since groundwater monitoring was initiated
†Negative values indicate an increase in total VOCs since monitoring commenced in 2002. The percent increase in total groundwater VOCs is shown below for MW-1.

Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.

Recovery Well	% Reduction 2002 to Sep 2023	% Reduction 2002 to May 2023	% Reduction 2002 to March 2023	% Reduction 2002 to December 2022	% Reduction 2002 to September 2022	% Reduction 2002 to June 2022	% Reduction 2002 to March 2022	% Reduction 2002 to November 2021	% Reduction 2002 to September 2021
DR-1	98.74%	95.38%	92.88%	88.25%	97.18%	95.74%	91.71%	92.52%	98.77%
DR-2	94.51%	96.16%	95.71%	89.27%	93.57%	95.00%	93.55%	87.45%	91.89%
DR-3	95.26%	96.41%	97.22%	95.31%	94.85%	94.16%	94.87%	93.53%	94.19%
DR-4	98.57%	99.21%	99.15%	98.41%	98.23%	98.62%	98.36%	98.04%	98.07%
G-1	91.00%	93.66%	93.85%	90.11%	83.93%	92.29%	91.33%	90.14%	90.48%
G-2	87.01%	93.77%	92.21%	88.42%	91.19%	82.42%	88.22%	86.32%	88.21%
G-3	61.29%	65.76%	68.49%	54.62%	54.67%	60.17%	61.85%	53.90%	43.90%
Overall Reduction	89.48%	91.48%	91.36%	86.34%	87.66%	88.34%	88.56%	85.99%	86.50%

Recovery Well	% Reduction 2002 to March 2021	% Reduction 2002 to November 2020	% Reduction 2002 to July 2020	% Reduction 2002 to Jun 2020	% Reduction 2002 to Feb 2020	% Reduction 2002 to Oct 2019	% Reduction 2002 to Aug 2019	% Reduction 2002 to July 2019	% Reduction 2002 to Nov 2018
DR-1	93.93%	98.53%	88.64%	-113.39%	-95.95%	-59.16%	-81.03%	-219.50%	-128.5%
DR-2	92.80%	94.43%	94.21%	76.38%	74.91%	66.15%	65.04%	71.60%	60.7%
DR-3	95.48%	94.46%	95.73%	46.36%	55.61%	34.62%	33.77%	40.33%	52.1%
DR-4	98.19%	97.60%	98.31%	96.45%	96.23%	95.27%	94.58%	95.34%	95.7%
G-1	91.58%	81.52%	90.27%	81.27%	75.05%	65.14%	60.81%	74.90%	62.8%
G-2	83.28%	90.26%	85.97%	89.10%	93.37%	68.07%	68.24%	75.65%	91.2%
G-3	55.90%	41.35%	41.69%	32.42%	16.74%	24.23%	24.23%	23.19%	96.3%
Overall Reduction	87.31%	85.45%	84.97%	44.08%	45.14%	42.05%	37.95%	23.07%	47.2%

Recovery Well	% Reduction 2002 to Aug 2018	% Reduction 2002 to May 2018	% Reduction 2002 to April 2018	% Reduction 2002 to Nov 2017	% Reduction 2002 to Aug 2017	% Reduction 2002 to Nov 2016	% Reduction 2002 to Sep 2016	% Reduction 2002 to Jun 2016	% Reduction 2002 to Nov 2015	% Reduction 2002 to Aug 2015
DR-1	-163.3%	-130.0%	-86.6%	-243.6%	-243.6%	-7.6%	-6.4%	-58.7%	44.4%	72.1%
DR-2	70.5%	76.7%	76%	63.8%	63.8%	75.1%	60.3%	60.9%	63.8%	66.0%
DR-3	43.0%	17.8%	78%	68.5%	Not Sampled	35.7%	-1.0%	59.3%	70.5%	50.2%
DR-4	94.4%	96.4%	96%	93.9%	93.9%	90.8%	88.9%	92.7%	89.1%	87.2%
G-1	61.7%	80.1%	80%	74.1%	74.1%	57.7%	47.4%	92.7%	60.0%	100.0%
G-2	76.0%	82.4%	84%	100.0%	Not Sampled	Not Sampled	100.0%	Not Sampled	Not Sampled	90.1%
G-3	20.1%	Not Sampled	Not Sampled	Not Sampled	Not Sampled	27.3%	-0.2%	-4.2%	35.0%	8.2%
Overall Reduction	28.9%	37.2%	54.6%	60.4%	40.4%	46.5%	41.3%	40.4%	60.4%	67.7%

Recovery Well	% Reduction 2002 to Jun 2015	% Reduction 2002 to Mar 2015	% Reduction 2002 to Nov 2014	% Reduction 2002 to Sep 2014	% Reduction 2002 to Jun 2014	% Reduction 2002 to Mar 2014	% Reduction 2002 to Dec 2013	% Reduction 2002 to Jul 2013	% Reduction 2002 to Apr 2013	% Reduction 2002 to Dec 2012
DR-1	Not Sampled	96.2%	89.0%	90.4%	86.9%	77.0%	84.8%	99.1%	99.0%	99.5%
DR-2	47.0%	52.8%	70.5%	59.2%	58.0%	62.3%	45.0%	87.2%	85.4%	99.1%
DR-3	45.6%	63.9%	-18.7%	-37.7%	45.6%	41.6%	19.3%	95.8%	95.1%	97.2%
DR-4	91.7%	82.9%	81.8%	82.8%	88.8%	92.5%	90.8%	95.5%	97.9%	94.9%
G-1	66.1%	27.3%	49.8%	47.7%	55.0%	61.3%	65.6%	87.3%	89.8%	90.3%
G-2	Not Sampled	83.1%	88.0%	86.9%	81.7%	95.1%	71.4%	79.0%	87.0%	65.7%
G-3	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	79.7%	NA	NA	NA	NA
Overall Reduction	62.6%	67.7%	60.1%	54.9%	69.3%	72.8%	62.8%	90.7%	92.3%	91.1%

Recovery Well	% Reduction 2002 to Jun 2012	% Reduction 2002 to Mar 2012	% Reduction 2002 to Sep 2011	% Reduction 2002 to Jun 2011	% Reduction 2002 to Mar 2011	% Reduction 2002 to Dec 2010	% Reduction 2002 to Sep 2010	% Reduction 2002 to Jun 2010	% Reduction 2002 to Jan 2010	% Reduction 2002 to Jul 2009
DR-1	99.8%	91.6%	97.9%	98.1%	96.9%	95.6%	94.5%	99.2%	98.0%	95.1%
DR-2	88.5%	83.9%	89.7%	88.0%	86.6%	92.4%	89.3%	87.3%	90.6%	90.1%
DR-3	92.1%	98.3%	95.0%	95.4%	98.3%	98.0%	97.4%	94.6%	91.6%	91.5%
DR-4	93.1%	100.0%	89.2%	92.7%	94.3%	95.9%	86.9%	91.2%	95.4%	95.5%
G-1	87.4%	88.0%	87.6%	89.8%	87.7%	91.0%	94.4%	80.1%	76.0%	69.9%
G-2	80.4%	89.1%	92.3%	83.0%	87.7%	86.5%	98.4%	97.8%	98.5%	85.4%
G-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Overall Reduction	90.2%	91.8%	91.9%	91.1%	91.9%	93.2%	93.5%	91.7%	91.7%	87.9%

Recovery Well	% Reduction 2002 to Feb 2009	% Reduction 2002 to Sep 2008	% Reduction 2002 to Jun 2008	% Reduction 2002 to Mar 2008	% Reduction Feb 2005 to Sept 2007	% Reduction Feb 2005 to May 2007	% Reduction Feb 2005 to Oct 2006
DR-1	96.8%	91.0%	89.2%	93.4%	74.5%	86.2%	92.8%
DR-2	88.8%	89.7%	85.8%	92.3%	85.6%	82.5%	72.6%
DR-3	88.7%	94.9%	91.7%	88.4%	73.8%	87.6%	89.7%
DR-4	96.2%	92.7%	97.7%	97.6%	87.7%	99.1%	51.4%
G-1	76.7%	77.9%	68.7%	65.8%	58.7%	71.8%	63.1%
G-2	40.0%	92.6%	89.8%	79.0%	84.6%	54.5%	26.4%
G-3	NA	NA	NA	NA	NA	NA	NA
Overall Reduction	81.2%	89.8%	87.2%	86.1%	77.5%	80.3%	66.0%

*Sampling of recovery wells initiated in 2005

Total VOCs values are not the total VOCs detected, but the sum of TCE, CIS, TRANS, VC, and TCA detected.

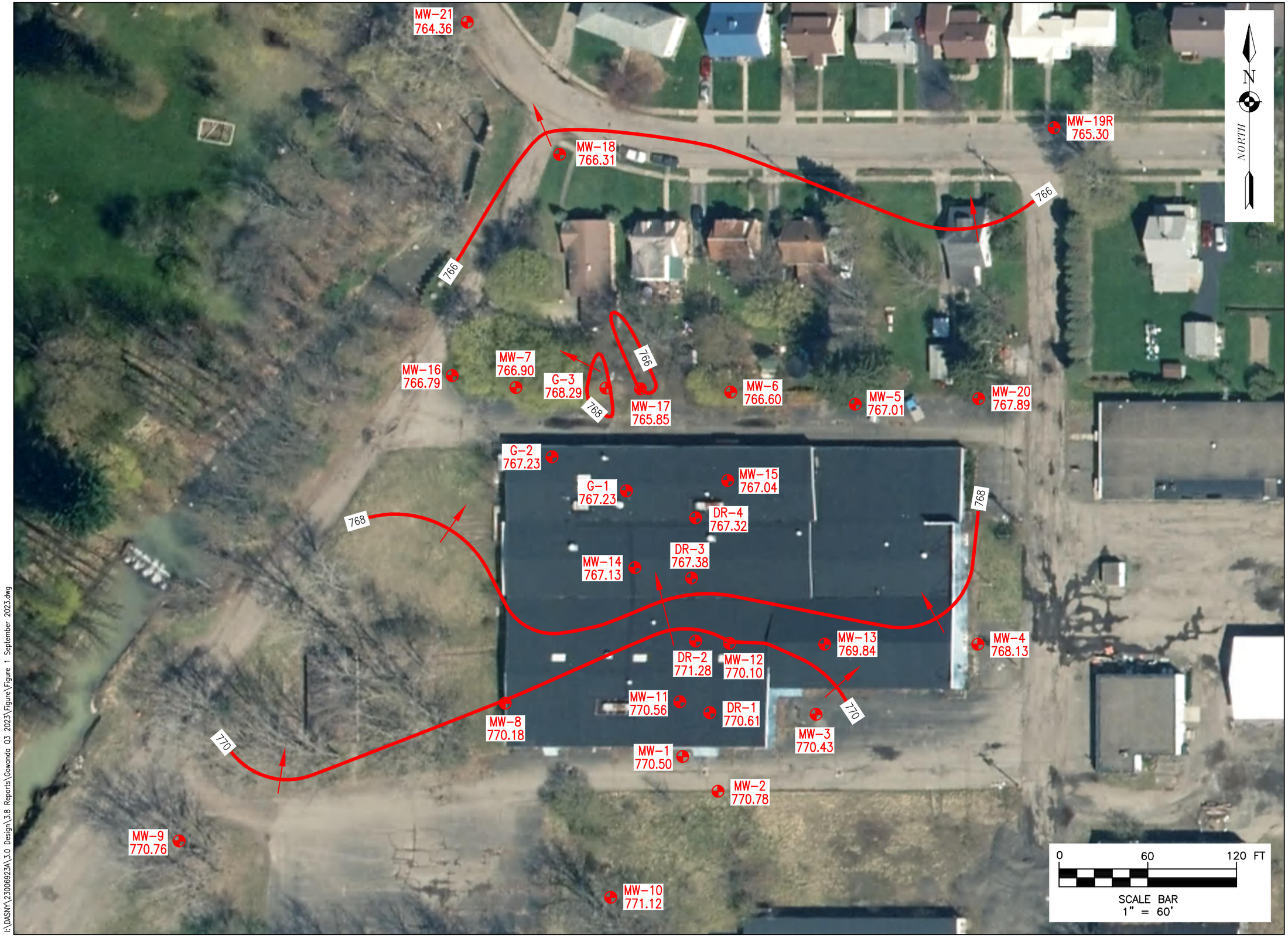
TABLE 5

Samples Received by ALS on 22-Sep-23																								
LOCATION		NYS Groundwater			MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		MW-9		MW-10	
SAMPLING DATE		Standard Value	Guidance Value	Units	22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		21-Sep-23		21-Sep-23		22-Sep-23	
Lab Sample ID						Units		Units		Units		Units		Units		Units		Units		Units		Units		Units
SAMPLE QUALIFIER																								
PARAMETER	**PRODUCT**																							
Methylene chloride	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1-Dichloroethane	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloroform	NYTCL-8260-R2	7.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Carbon tetrachloride	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichloropropane	NYTCL-8260-R2	1	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Dibromochloromethane	NYTCL-8260-R2	-	50	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,2-Trichloroethane	NYTCL-8260-R2	1	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Tetrachloroethene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chlorobenzene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Trichlorofluoromethane	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichloroethane	NYTCL-8260-R2	0.6	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,1-Trichloroethane	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromodichloromethane	NYTCL-8260-R2	-	50	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
trans-1,3-Dichloropropene	NYTCL-8260-R2	0.4	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
cis-1,3-Dichloropropene	NYTCL-8260-R2	-	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromoform	NYTCL-8260-R2	-	50	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,2,2-Tetrachloroethane	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Benzene	NYTCL-8260-R2	1	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Toluene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Ethylbenzene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloromethane	NYTCL-8260-R2	-	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromomethane	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Vinyl chloride	NYTCL-8260-R2	2.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	**50.00**	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloroethane	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1-Dichloroethene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
trans-1,2-Dichloroethene	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Trichloroethene	NYTCL-8260-R2	5.0	-	ug/l	**400.00**	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichlorobenzene	NYTCL-8260-R2	3	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,3-Dichlorobenzene	NYTCL-8260-R2	3	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,4-Dichlorobenzene	NYTCL-8260-R2	3	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl tert butyl ether	NYTCL-8260-R2	-	10	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
p/m-Xylene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
o-Xylene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
cis-1,2-Dichloroethene	NYTCL-8260-R2	5.0	-	ug/l	**260.00**	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	**34.00**	ug/l	**44.00**	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Styrene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Dichlorodifluoromethane	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Acetone	NYTCL-8260-R2	-	50	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Carbon disulfide	NYTCL-8260-R2	-	60	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
2-Butanone	NYTCL-8260-R2	-	50	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
4-Methyl-2-pentanone	NYTCL-8260-R2	-	-	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
2-Hexanone	NYTCL-8260-R2	-	50	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Bromochloromethane	NYTCL-8260-R2	5.0	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dibromoethane	NYTCL-8260-R2	0.0006	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dibromo-3-chloropropane	NYTCL-8260-R2	0.04	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Isopropylbenzene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2,3-Trichlorobenzene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2,4-Trichlorobenzene	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl Acetate	NYTCL-8260-R2	-	-	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Cyclohexane	NYTCL-8260-R2	-	-	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
1,4-Dioxane	NYTCL-8260-R2	-	-	ug/l	<500.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l
Freon-113	NYTCL-8260-R2	5	-	ug/l	<25.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl cyclohexane	NYTCL-8260-R2	-	-	ug/l	<50.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l

LOCATION	MW-11		MW-12		MW-13		MW-14		MW-15		MW-16		MW-17		MW-18		MW-19R		MW-20		MW-21	
SAMPLING DATE	18-May-23		18-May-23		18-May-23		18-May-23		18-May-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23	
Lab Sample ID		Units		Units		Units		Units		Units		Units		Units		Units		Units		Units		Units
PARAMETER																						
Methylene chloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1-Dichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloroform	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Carbon tetrachloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichloropropane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Dibromochloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,2-Trichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Tetrachloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Trichlorofluoromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,1-Trichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromodichloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
trans-1,3-Dichloropropene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
cis-1,3-Dichloropropene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromoform	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1,2,2-Tetrachloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Benzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Toluene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Ethylbenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Bromomethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Vinyl chloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Chloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,1-Dichloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
trans-1,2-Dichloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Trichloroethene	**140.00**	ug/l	**13.00**	ug/l	<5.00	ug/l	**13.00**	ug/l	**5.90**	ug/l	<5.00	ug/l	**8.30**	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,3-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,4-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl tert butyl ether	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
p/m-Xylene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
o-Xylene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
cis-1,2-Dichloroethene	**80.00**	ug/l	**47.00**	ug/l	<5.00	ug/l	**17.00**	ug/l	<5.00	ug/l	**14.00**	ug/l	**210.00 E**	ug/l	**26.00**	ug/l	<5.00	ug/l	<5.00	ug/l	**23.00**	ug/l
Styrene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Dichlorodifluoromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Acetone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Carbon disulfide	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
2-Butanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
4-Methyl-2-pentanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
2-Hexanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Bromochloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dibromoethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2-Dibromo-3-chloropropane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Isopropylbenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2,3-Trichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
1,2,4-Trichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl Acetate	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
Cyclohexane	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l
1,4-Dioxane	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l
Freon-113	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l
Methyl cyclohexane	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l

LOCATION	DR-1		DR-2		DR-3		DR-4		G-1		G-2		G-3		MW-X		EQUIP. BLANK		TRIP BLANK		
SAMPLING DATE	21-Sep-23		21-Sep-23		21-Sep-23		21-Sep-23		21-Sep-23		21-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		22-Sep-23		
Lab Sample ID		Units		Units		Units		Units		Units		Units		Units		Units		Units		Units	
PARAMETER																					**PARAMETER**
Methylene chloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Methylene chloride
1,1-Dichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,1-Dichloroethane
Chloroform	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Chloroform
Carbon tetrachloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Carbon tetrachloride
1,2-Dichloropropane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2-Dichloropropane
Dibromochloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Dibromochloromethane
1,1,2-Trichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,1,2-Trichloroethane
Tetrachloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Tetrachloroethene
Chlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Chlorobenzene
Trichlorofluoromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Trichlorofluoromethane
1,2-Dichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2-Dichloroethane
1,1,1-Trichloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,1,1-Trichloroethane
Bromodichloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Bromodichloromethane
trans-1,3-Dichloropropene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	trans-1,3-Dichloropropene
cis-1,3-Dichloropropene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	cis-1,3-Dichloropropene
Bromoform	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Bromoform
1,1,2,2-Tetrachloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,1,2,2-Tetrachloroethane
Benzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Benzene
Toluene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Toluene
Ethylbenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Ethylbenzene
Chloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Chloromethane
Bromomethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Bromomethane
Vinyl chloride	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	Vinyl chloride
Chloroethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Chloroethane
1,1-Dichloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,1-Dichloroethene
trans-1,2-Dichloroethene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	trans-1,2-Dichloroethene
Trichloroethene	**86.00**	ug/l	**15.00**	ug/l	**23.00**	ug/l	**17.00**	ug/l	<5.0	ug/l	<5.00	ug/l	**16.00**	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	Trichloroethene
1,2-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2-Dichlorobenzene
1,3-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,3-Dichlorobenzene
1,4-Dichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,4-Dichlorobenzene
Methyl tert butyl ether	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Methyl tert butyl ether
p/m-Xylene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	p/m-Xylene
o-Xylene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	o-Xylene
cis-1,2-Dichloroethene	**15.00**	ug/l	**95.00**	ug/l	**47.00**	ug/l	**8.2**	ug/l	**49.00**	ug/l	**50.00**	ug/l	**140.00**	ug/l	<5.0	ug/l	<5.00	ug/l	<5.00	ug/l	cis-1,2-Dichloroethene
Styrene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Styrene
Dichlorodifluoromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Dichlorodifluoromethane
Acetone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	Acetone
Carbon disulfide	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	Carbon disulfide
2-Butanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	2-Butanone
4-Methyl-2-pentanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.0	ug/l	<10.00	ug/l	4-Methyl-2-pentanone
2-Hexanone	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	2-Hexanone
Bromochloromethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Bromochloromethane
1,2-Dibromoethane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2-Dibromoethane
1,2-Dibromo-3-chloropropane	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2-Dibromo-3-chloropropane
Isopropylbenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Isopropylbenzene
1,2,3-Trichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	1,2,4-Trichlorobenzene
Methyl Acetate	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	Methyl Acetate
Cyclohexane	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	Cyclohexane
1,4-Dioxane	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	<100.00	ug/l	1,4-Dioxane
Freon-113	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	<5.00	ug/l	Freon-113
Methyl cyclohexane	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	<10.00	ug/l	Methyl cyclohexane

FIGURES



I:\DASNY\23006923A\3.0 Design\3.8 Reports\Gowanda 03 2023\Figure\Figure 1 September 2023.dwg

DASNY
Gowanda Day Habilitation Center

4 Industrial Place
Gowanda, New York

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652

www.bergmannpc.com

REVISIONS

NO.	DATE	DESCRIPTION	REV.	CK'D

Project Manager: J. O'BRIEN	Checked By: J. O'BRIEN
Designed By:	Drawn By: C. WOOD
Date Issued: 12/04/2023	Scale: 1" = 60'
Project Number: 23006923A	

SEPTEMBER 2023 WATER LEVEL CONTOUR MAP

Drawing Number:

FIGURE 1

DASNY

Gowanda Day Habilitation Center

4 Industrial Place
Gowanda, NY

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Figure 2

September 2023 Distribution of Groundwater Analytical Results: Monitoring Wells

0 30 60 90 120
Feet

N

DASNY

Gowanda Day Habilitation Center

4 Industrial Place
Gowanda, NY

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Figure 3

September 2023 Distribution of Groundwater Analytical Results: Recovery Wells

0 25 50 75 100
Feet

N

CHARTS

Chart 1
Gowanda Site V00463

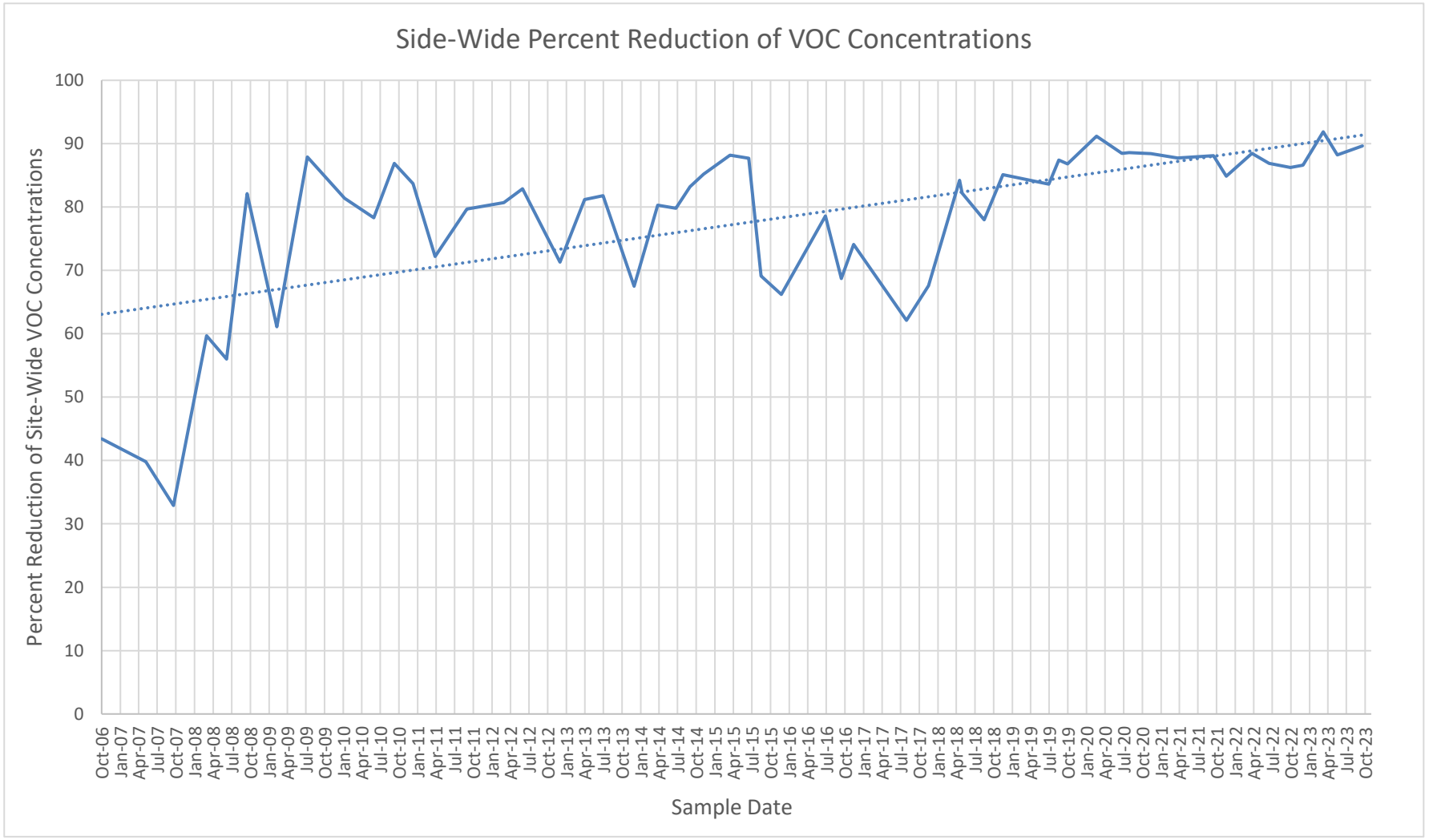
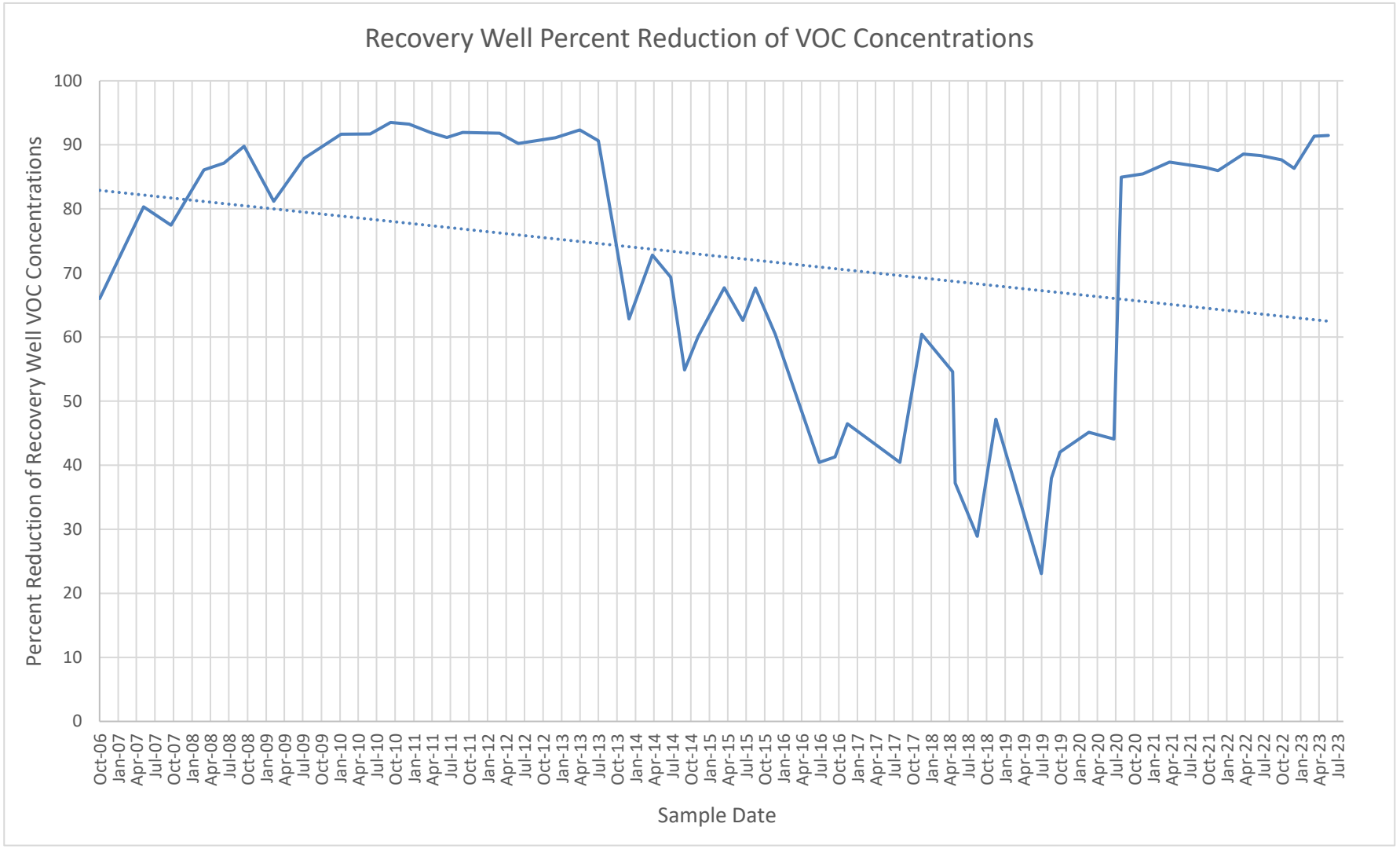


Chart 2
Gowanda Site V00463



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LABORATORY ANALYTICAL RESULTS

October 10, 2023 Service Request No:R2308786

Ariadna Cheremeteff
Bergmann Associates, Incorporated
280 East Broad Street
Suite 200
Rochester, NY 14604

Laboratory Results for: Gowanda

Dear Ariadna,

Enclosed are the results of the sample(s) submitted to our laboratory September 22, 2023
For your reference, these analyses have been assigned our service request number **R2308786.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Bergmann Associates, Incorporated
Project: Gowanda
Sample Matrix: Water

Service Request: R2308786
Date Received: 09/22/2023

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty water samples were received for analysis at ALS Environmental on 09/22/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260C, 10/03/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8260C, 10/03/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 10/03/2023: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one analyte. There were no detections of the analyte in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples was not performed due to holding time constraints. The analyte is flagged in the LCS Summary.

Approved by _____ Date 10/10/2023

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-1			Lab ID: R2308786-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	260			25	ug/L	8260C
Trichloroethene (TCE)	400			25	ug/L	8260C

CLIENT ID: MW-6			Lab ID: R2308786-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	34			5.0	ug/L	8260C
Vinyl Chloride	50			5.0	ug/L	8260C

CLIENT ID: MW-7			Lab ID: R2308786-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	44			5.0	ug/L	8260C

CLIENT ID: MW-11			Lab ID: R2308786-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	80			5.0	ug/L	8260C
Trichloroethene (TCE)	140			5.0	ug/L	8260C

CLIENT ID: MW-12			Lab ID: R2308786-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	47			5.0	ug/L	8260C
Trichloroethene (TCE)	13			5.0	ug/L	8260C

CLIENT ID: MW-14			Lab ID: R2308786-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	17			5.0	ug/L	8260C
Trichloroethene (TCE)	13			5.0	ug/L	8260C

CLIENT ID: MW-16			Lab ID: R2308786-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	14			5.0	ug/L	8260C

CLIENT ID: MW-17			Lab ID: R2308786-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	210	E		5.0	ug/L	8260C
cis-1,2-Dichloroethene	200	D		13	ug/L	8260C
Trichloroethene (TCE)	8.3			5.0	ug/L	8260C

CLIENT ID: MW-18			Lab ID: R2308786-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	26			5.0	ug/L	8260C

CLIENT ID: MW-15			Lab ID: R2308786-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Trichloroethene (TCE)	5.9			5.0	ug/L	8260C

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Bergmann Associates, Incorporated **Service Request:**R2308786
Project: Gowanda/23006923A

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2308786-001	MW-1	9/22/2023	0720
R2308786-002	MW-2	9/22/2023	0703
R2308786-003	MW-3	9/22/2023	0645
R2308786-004	MW-4	9/22/2023	0738
R2308786-005	MW-5	9/22/2023	0819
R2308786-006	MW-6	9/22/2023	1014
R2308786-007	MW-7	9/22/2023	0857
R2308786-008	MW-8	9/21/2023	1630
R2308786-009	MW-9	9/21/2023	1600
R2308786-010	MW-10	9/22/2023	1040
R2308786-011	MW-11	9/21/2023	1415
R2308786-012	MW-12	9/21/2023	1354
R2308786-013	MW-13	9/21/2023	1406
R2308786-014	MW-14	9/21/2023	1311
R2308786-015	MW-15	9/21/2023	1246
R2308786-016	MW-16	9/22/2023	0840
R2308786-017	MW-17	9/22/2023	0950
R2308786-018	MW-18	9/22/2023	1135
R2308786-019	MW-19R	9/22/2023	1111
R2308786-020	MW-20	9/22/2023	0757

Simi Valley, CA +1 805 526 7161 | Cincinnati, OH +1 513 733 5336 | Fort Collins, CO +1 970 490 1511
Houston, TX +1 281 530 5656 | Valparaiso, IN +1 219 299 8127 | South Charleston, WV +1 304 356 3168
Kelso, WA +1 360 577 7222 | Everett, WA +1 425 356 2600 | Holland, MI +1 616 399 6070
Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | Rochester, NY +1 585 288 5380

Chain of Custody Form

COC ID: 069345

ALS Project Manager:		ALS Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	R-	Project Name	DASNY Gowanda Q3 2023	A	8260 C
Quote #	R-003461-23	Project Number	23006973A	B	
Company Name	Bergmann/Colliers E+D	Bill To Company	Same	C	
Send Report To	Justin.OBrien@Colliersenv.com	Invoice Attn		D	
Address	280 E Broad St #200	Address		E	
				F	
City/State/Zip	Rochester, NY 14604	City/State/Zip		G	
Phone	585 232 5135	Phone		H	
Fax		Fax		I	
e-Mail Address	Justin.OBRIEN@Colliersenv.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-1	9/22/23	0720	GW		3	X										
2	MW-2	9/22/23	0703	GW		3	X										
3	MW-3	9/22/23	0645	GW		3	X										
4	MW-4	9/22/23	0738	GW		3	X										
5	MW-5	9/22/23	0819	GW		3	X										
6	MW-6	9/22/23	1014	GW		3	X										
7	MW-7	9/22/23	0857	GW		3	X										
8	MW-8	9/22/23	1630	GW		3	X										
9	MW-9	9/22/23	1600	GW		3	X										
10	MW-10	9/22/23	1040	GW		3	X										

Sampler(s) Please Print & Sign	Shipment Method	Turnaround Time In Business Days (BD)	Results Due Date:
Justin L. O'Brien		☒ 10 BD ☐ 5 BD ☐ 3 BD ☐ 2 BD ☐ 1 BD Other:	

Relinquished by:	Date:	Time:	Received by:	Notes:
	9/22/23	1440	Kristy Dice	1 Vial labeled "9/23/23" corrected to "9/22/23" KLO
Relinquished by:	Date:	Time:	Received by (Laboratory):	
			ALS 9/23/23 1140	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
- ☐ Level II Std QC
- ☐ TRRP Checklist
- ☐ Level III Std QC/Raw Data
- ☐ TRRP Level IV
- ☐ Level IV SW846/CLP
- ☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Simi Valley, CA +1 805 526 7161 | Cincinnati, OH +1 513 733 5336 | Fort Collins, CO +1 970 490 1511 | Houston, TX +1 281 530 5656 | Valparaiso, IN +1 219 299 8127 | South Charleston, WV +1 304 356 3168
Kelso, WA +1 360 577 7222 | Everett, WA +1 425 356 2600 | Holland, MI +1 616 399 6070 | Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | Rochester, NY +1 585 288 5380

Chain of Custody Form

COC ID: 069344

ALS Project Manager:		ALS Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Genesee Q3 2023	A	8260C
Quote #	R-00346L-23	Project Number	230069123A	B	
Company Name	Bergmann/Colliers E&D	Bill To Company	Same	C	
Send Report To	Justin.OBrien@Collierseng.com	Invoice Attn		D	
Address	280 E Broad St #200	Address		E	
				F	
City/State/Zip	Rochester, NY 14604	City/State/Zip		G	
Phone	585 732 5135	Phone		H	
Fax		Fax		I	
e-Mail Address	Justin.OBrien@Collierseng.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-11	9/21/23	1415	GW		3	X										
2	MW-12	9/21/23	1354	GW		3	X										
3	MW-13	9/21/23	1406	GW		3	X										
4	MW-14	9/21/23	1311	GW		3	X										
5	MW-15	9/21/23	1246	GW		3	X										
6	MW-16	9/22/23	0840	GW		3	X										
7	MW-17	9/22/23	0950	GW		3	X										
8	MW-18	9/22/23	1135	GW		3	X										
9	MW-19R	9/22/23	1111	GW		3	X										
10	MW-20	9/22/23	0757	GW		3	X										

Sampler(s) Please Print & Sign: Justin L. OBrien

Shipment Method:

Turnaround Time In Business Days (BD): ☒ Std BD ☐ 5 BD ☐ 3 BD ☐ 2 BD ☐ 1 BD Other: ____

Results Due Date:

Relinquished by:	Date: 9/22/23	Time: 1740	Received by: Randy Dicz
Relinquished by:	Date:	Time:	Received by (Laboratory): ALW 9/23/23 1446
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: If vial labeled "9/23/23" Correct to "9/22/23" ALW

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other ____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Cooler Receipt and Preservati

R2308786 5
Bergmann Associates, Incorporated
Gowanda

Project/Client _____ Folder Number _____

Cooler received on 9/22/23 by: RR

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y (N) NA
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 9/22/23 Time: 1445 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Observed Temp (°C)	16.1						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) (Same Day Rule)

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: 540 by RR on 9/22/23 at 1455
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 9/22/23 Time: RR 1540 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	23040119	2/25				

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 073123-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RR
PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Bergmann Associates, Incorporated **Service Request:** R2308786
Project: Gowanda/23006923A

Sample Name: MW-1 **Date Collected:** 09/22/23
Lab Code: R2308786-001 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-2 **Date Collected:** 09/22/23
Lab Code: R2308786-002 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-3 **Date Collected:** 09/22/23
Lab Code: R2308786-003 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-4 **Date Collected:** 09/22/23
Lab Code: R2308786-004 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-5 **Date Collected:** 09/22/23
Lab Code: R2308786-005 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client: Bergmann Associates, Incorporated **Service Request:** R2308786
Project: Gowanda/23006923A

Sample Name: MW-6 **Date Collected:** 09/22/23
Lab Code: R2308786-006 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-7 **Date Collected:** 09/22/23
Lab Code: R2308786-007 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-8 **Date Collected:** 09/21/23
Lab Code: R2308786-008 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-9 **Date Collected:** 09/21/23
Lab Code: R2308786-009 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-10 **Date Collected:** 09/22/23
Lab Code: R2308786-010 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client: Bergmann Associates, Incorporated **Service Request:** R2308786
Project: Gowanda/23006923A

Sample Name: MW-11 **Date Collected:** 09/21/23
Lab Code: R2308786-011 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-12 **Date Collected:** 09/21/23
Lab Code: R2308786-012 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-13 **Date Collected:** 09/21/23
Lab Code: R2308786-013 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-14 **Date Collected:** 09/21/23
Lab Code: R2308786-014 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-15 **Date Collected:** 09/21/23
Lab Code: R2308786-015 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client: Bergmann Associates, Incorporated **Service Request:** R2308786
Project: Gowanda/23006923A

Sample Name: MW-16 **Date Collected:** 09/22/23
Lab Code: R2308786-016 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-17 **Date Collected:** 09/22/23
Lab Code: R2308786-017 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-17 **Date Collected:** 09/22/23
Lab Code: R2308786-017.R01 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-18 **Date Collected:** 09/22/23
Lab Code: R2308786-018 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-19R **Date Collected:** 09/22/23
Lab Code: R2308786-019 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A		

Sample Name:	MW-20	**Date Collected:**	09/22/23
Lab Code:	R2308786-020	**Date Received:**	09/22/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:20
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-1	**Units:**	ug/L
Lab Code:	R2308786-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	25 U	25	5	10/03/23 08:45	
1,1,2,2-Tetrachloroethane	25 U	25	5	10/03/23 08:45	
1,1,2-Trichloroethane	25 U	25	5	10/03/23 08:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	25 U	25	5	10/03/23 08:45	
1,1-Dichloroethane (1,1-DCA)	25 U	25	5	10/03/23 08:45	
1,1-Dichloroethene (1,1-DCE)	25 U	25	5	10/03/23 08:45	
1,2,3-Trichlorobenzene	25 U	25	5	10/03/23 08:45	
1,2,4-Trichlorobenzene	25 U	25	5	10/03/23 08:45	
1,2-Dibromo-3-chloropropane (DBCP)	25 U	25	5	10/03/23 08:45	
1,2-Dibromoethane	25 U	25	5	10/03/23 08:45	
1,2-Dichlorobenzene	25 U	25	5	10/03/23 08:45	
1,2-Dichloroethane	25 U	25	5	10/03/23 08:45	
1,2-Dichloropropane	25 U	25	5	10/03/23 08:45	
1,3-Dichlorobenzene	25 U	25	5	10/03/23 08:45	
1,4-Dichlorobenzene	25 U	25	5	10/03/23 08:45	
1,4-Dioxane	500 U	500	5	10/03/23 08:45	
2-Butanone (MEK)	50 U	50	5	10/03/23 08:45	
2-Hexanone	50 U	50	5	10/03/23 08:45	
4-Methyl-2-pentanone	50 U	50	5	10/03/23 08:45	
Acetone	50 U	50	5	10/03/23 08:45	
Benzene	25 U	25	5	10/03/23 08:45	
Bromochloromethane	25 U	25	5	10/03/23 08:45	
Bromodichloromethane	25 U	25	5	10/03/23 08:45	
Bromoform	25 U	25	5	10/03/23 08:45	
Bromomethane	25 U	25	5	10/03/23 08:45	
Carbon Disulfide	50 U	50	5	10/03/23 08:45	
Carbon Tetrachloride	25 U	25	5	10/03/23 08:45	
Chlorobenzene	25 U	25	5	10/03/23 08:45	
Chloroethane	25 U	25	5	10/03/23 08:45	
Chloroform	25 U	25	5	10/03/23 08:45	
Chloromethane	25 U	25	5	10/03/23 08:45	
Cyclohexane	50 U	50	5	10/03/23 08:45	
Dibromochloromethane	25 U	25	5	10/03/23 08:45	
Dichlorodifluoromethane (CFC 12)	25 U	25	5	10/03/23 08:45	
Dichloromethane	25 U	25	5	10/03/23 08:45	
Ethylbenzene	25 U	25	5	10/03/23 08:45	
Isopropylbenzene (Cumene)	25 U	25	5	10/03/23 08:45	
Methyl Acetate	50 U	50	5	10/03/23 08:45	
Methyl tert-Butyl Ether	25 U	25	5	10/03/23 08:45	
Methylcyclohexane	50 U	50	5	10/03/23 08:45	
Styrene	25 U	25	5	10/03/23 08:45	
Tetrachloroethene (PCE)	25 U	25	5	10/03/23 08:45	
Toluene	25 U	25	5	10/03/23 08:45	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:20
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-1	**Units:**	ug/L
Lab Code:	R2308786-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**400**	25	5	10/03/23 08:45	
Trichlorofluoromethane (CFC 11)	25 U	25	5	10/03/23 08:45	
Vinyl Chloride	25 U	25	5	10/03/23 08:45	
cis-1,2-Dichloroethene	**260**	25	5	10/03/23 08:45	
cis-1,3-Dichloropropene	25 U	25	5	10/03/23 08:45	
m,p-Xylenes	25 U	25	5	10/03/23 08:45	
o-Xylene	25 U	25	5	10/03/23 08:45	
trans-1,2-Dichloroethene	25 U	25	5	10/03/23 08:45	
trans-1,3-Dichloropropene	25 U	25	5	10/03/23 08:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/03/23 08:45	
Dibromofluoromethane	90	80 - 116	10/03/23 08:45	
Toluene-d8	102	87 - 121	10/03/23 08:45	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:03
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R2308786-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 01:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 01:28	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 01:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 01:28	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 01:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 01:28	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 01:28	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 01:28	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 01:28	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 01:28	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
1,4-Dioxane	100 U	100	1	10/03/23 01:28	
2-Butanone (MEK)	10 U	10	1	10/03/23 01:28	
2-Hexanone	10 U	10	1	10/03/23 01:28	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 01:28	
Acetone	10 U	10	1	10/03/23 01:28	
Benzene	5.0 U	5.0	1	10/03/23 01:28	
Bromochloromethane	5.0 U	5.0	1	10/03/23 01:28	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 01:28	
Bromoform	5.0 U	5.0	1	10/03/23 01:28	
Bromomethane	5.0 U	5.0	1	10/03/23 01:28	
Carbon Disulfide	10 U	10	1	10/03/23 01:28	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 01:28	
Chlorobenzene	5.0 U	5.0	1	10/03/23 01:28	
Chloroethane	5.0 U	5.0	1	10/03/23 01:28	
Chloroform	5.0 U	5.0	1	10/03/23 01:28	
Chloromethane	5.0 U	5.0	1	10/03/23 01:28	
Cyclohexane	10 U	10	1	10/03/23 01:28	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 01:28	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 01:28	
Dichloromethane	5.0 U	5.0	1	10/03/23 01:28	
Ethylbenzene	5.0 U	5.0	1	10/03/23 01:28	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 01:28	
Methyl Acetate	10 U	10	1	10/03/23 01:28	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 01:28	
Methylcyclohexane	10 U	10	1	10/03/23 01:28	
Styrene	5.0 U	5.0	1	10/03/23 01:28	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 01:28	
Toluene	5.0 U	5.0	1	10/03/23 01:28	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:03
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R2308786-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 01:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 01:28	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 01:28	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:28	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:28	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 01:28	
o-Xylene	5.0 U	5.0	1	10/03/23 01:28	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:28	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/03/23 01:28	
Dibromofluoromethane	90	80 - 116	10/03/23 01:28	
Toluene-d8	98	87 - 121	10/03/23 01:28	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 06:45
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R2308786-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 01:51	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 01:51	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 01:51	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 01:51	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 01:51	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 01:51	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 01:51	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 01:51	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 01:51	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 01:51	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
1,4-Dioxane	100 U	100	1	10/03/23 01:51	
2-Butanone (MEK)	10 U	10	1	10/03/23 01:51	
2-Hexanone	10 U	10	1	10/03/23 01:51	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 01:51	
Acetone	10 U	10	1	10/03/23 01:51	
Benzene	5.0 U	5.0	1	10/03/23 01:51	
Bromochloromethane	5.0 U	5.0	1	10/03/23 01:51	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 01:51	
Bromoform	5.0 U	5.0	1	10/03/23 01:51	
Bromomethane	5.0 U	5.0	1	10/03/23 01:51	
Carbon Disulfide	10 U	10	1	10/03/23 01:51	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 01:51	
Chlorobenzene	5.0 U	5.0	1	10/03/23 01:51	
Chloroethane	5.0 U	5.0	1	10/03/23 01:51	
Chloroform	5.0 U	5.0	1	10/03/23 01:51	
Chloromethane	5.0 U	5.0	1	10/03/23 01:51	
Cyclohexane	10 U	10	1	10/03/23 01:51	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 01:51	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 01:51	
Dichloromethane	5.0 U	5.0	1	10/03/23 01:51	
Ethylbenzene	5.0 U	5.0	1	10/03/23 01:51	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 01:51	
Methyl Acetate	10 U	10	1	10/03/23 01:51	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 01:51	
Methylcyclohexane	10 U	10	1	10/03/23 01:51	
Styrene	5.0 U	5.0	1	10/03/23 01:51	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 01:51	
Toluene	5.0 U	5.0	1	10/03/23 01:51	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 06:45
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R2308786-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 01:51	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 01:51	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 01:51	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:51	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:51	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 01:51	
o-Xylene	5.0 U	5.0	1	10/03/23 01:51	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:51	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:51	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/03/23 01:51	
Dibromofluoromethane	91	80 - 116	10/03/23 01:51	
Toluene-d8	101	87 - 121	10/03/23 01:51	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:38
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2308786-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 02:14	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 02:14	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 02:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 02:14	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 02:14	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 02:14	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 02:14	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 02:14	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 02:14	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 02:14	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
1,4-Dioxane	100 U	100	1	10/03/23 02:14	
2-Butanone (MEK)	10 U	10	1	10/03/23 02:14	
2-Hexanone	10 U	10	1	10/03/23 02:14	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 02:14	
Acetone	10 U	10	1	10/03/23 02:14	
Benzene	5.0 U	5.0	1	10/03/23 02:14	
Bromochloromethane	5.0 U	5.0	1	10/03/23 02:14	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 02:14	
Bromoform	5.0 U	5.0	1	10/03/23 02:14	
Bromomethane	5.0 U	5.0	1	10/03/23 02:14	
Carbon Disulfide	10 U	10	1	10/03/23 02:14	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 02:14	
Chlorobenzene	5.0 U	5.0	1	10/03/23 02:14	
Chloroethane	5.0 U	5.0	1	10/03/23 02:14	
Chloroform	5.0 U	5.0	1	10/03/23 02:14	
Chloromethane	5.0 U	5.0	1	10/03/23 02:14	
Cyclohexane	10 U	10	1	10/03/23 02:14	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 02:14	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 02:14	
Dichloromethane	5.0 U	5.0	1	10/03/23 02:14	
Ethylbenzene	5.0 U	5.0	1	10/03/23 02:14	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 02:14	
Methyl Acetate	10 U	10	1	10/03/23 02:14	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 02:14	
Methylcyclohexane	10 U	10	1	10/03/23 02:14	
Styrene	5.0 U	5.0	1	10/03/23 02:14	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 02:14	
Toluene	5.0 U	5.0	1	10/03/23 02:14	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:38
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2308786-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 02:14	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 02:14	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 02:14	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 02:14	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 02:14	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 02:14	
o-Xylene	5.0 U	5.0	1	10/03/23 02:14	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 02:14	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 02:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/03/23 02:14	
Dibromofluoromethane	89	80 - 116	10/03/23 02:14	
Toluene-d8	100	87 - 121	10/03/23 02:14	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:19
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R2308786-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 02:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 02:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 02:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 02:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 02:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 02:37	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 02:37	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 02:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 02:37	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 02:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
1,4-Dioxane	100 U	100	1	10/03/23 02:37	
2-Butanone (MEK)	10 U	10	1	10/03/23 02:37	
2-Hexanone	10 U	10	1	10/03/23 02:37	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 02:37	
Acetone	10 U	10	1	10/03/23 02:37	
Benzene	5.0 U	5.0	1	10/03/23 02:37	
Bromochloromethane	5.0 U	5.0	1	10/03/23 02:37	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 02:37	
Bromoform	5.0 U	5.0	1	10/03/23 02:37	
Bromomethane	5.0 U	5.0	1	10/03/23 02:37	
Carbon Disulfide	10 U	10	1	10/03/23 02:37	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 02:37	
Chlorobenzene	5.0 U	5.0	1	10/03/23 02:37	
Chloroethane	5.0 U	5.0	1	10/03/23 02:37	
Chloroform	5.0 U	5.0	1	10/03/23 02:37	
Chloromethane	5.0 U	5.0	1	10/03/23 02:37	
Cyclohexane	10 U	10	1	10/03/23 02:37	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 02:37	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 02:37	
Dichloromethane	5.0 U	5.0	1	10/03/23 02:37	
Ethylbenzene	5.0 U	5.0	1	10/03/23 02:37	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 02:37	
Methyl Acetate	10 U	10	1	10/03/23 02:37	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 02:37	
Methylcyclohexane	10 U	10	1	10/03/23 02:37	
Styrene	5.0 U	5.0	1	10/03/23 02:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 02:37	
Toluene	5.0 U	5.0	1	10/03/23 02:37	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:19
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R2308786-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 02:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 02:37	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 02:37	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 02:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 02:37	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 02:37	
o-Xylene	5.0 U	5.0	1	10/03/23 02:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 02:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 02:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/03/23 02:37	
Dibromofluoromethane	89	80 - 116	10/03/23 02:37	
Toluene-d8	99	87 - 121	10/03/23 02:37	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 10:14
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R2308786-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 03:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 03:00	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 03:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 03:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 03:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 03:00	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 03:00	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 03:00	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 03:00	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 03:00	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
1,4-Dioxane	100 U	100	1	10/03/23 03:00	
2-Butanone (MEK)	10 U	10	1	10/03/23 03:00	
2-Hexanone	10 U	10	1	10/03/23 03:00	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 03:00	
Acetone	10 U	10	1	10/03/23 03:00	
Benzene	5.0 U	5.0	1	10/03/23 03:00	
Bromochloromethane	5.0 U	5.0	1	10/03/23 03:00	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 03:00	
Bromoform	5.0 U	5.0	1	10/03/23 03:00	
Bromomethane	5.0 U	5.0	1	10/03/23 03:00	
Carbon Disulfide	10 U	10	1	10/03/23 03:00	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 03:00	
Chlorobenzene	5.0 U	5.0	1	10/03/23 03:00	
Chloroethane	5.0 U	5.0	1	10/03/23 03:00	
Chloroform	5.0 U	5.0	1	10/03/23 03:00	
Chloromethane	5.0 U	5.0	1	10/03/23 03:00	
Cyclohexane	10 U	10	1	10/03/23 03:00	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 03:00	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 03:00	
Dichloromethane	5.0 U	5.0	1	10/03/23 03:00	
Ethylbenzene	5.0 U	5.0	1	10/03/23 03:00	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 03:00	
Methyl Acetate	10 U	10	1	10/03/23 03:00	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 03:00	
Methylcyclohexane	10 U	10	1	10/03/23 03:00	
Styrene	5.0 U	5.0	1	10/03/23 03:00	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 03:00	
Toluene	5.0 U	5.0	1	10/03/23 03:00	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 10:14
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R2308786-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 03:00	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 03:00	
Vinyl Chloride	**50**	5.0	1	10/03/23 03:00	
cis-1,2-Dichloroethene	**34**	5.0	1	10/03/23 03:00	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:00	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 03:00	
o-Xylene	5.0 U	5.0	1	10/03/23 03:00	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 03:00	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/03/23 03:00	
Dibromofluoromethane	91	80 - 116	10/03/23 03:00	
Toluene-d8	100	87 - 121	10/03/23 03:00	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:57
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-7	**Units:**	ug/L
Lab Code:	R2308786-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 03:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 03:23	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 03:23	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 03:23	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 03:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 03:23	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 03:23	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 03:23	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 03:23	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 03:23	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
1,4-Dioxane	100 U	100	1	10/03/23 03:23	
2-Butanone (MEK)	10 U	10	1	10/03/23 03:23	
2-Hexanone	10 U	10	1	10/03/23 03:23	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 03:23	
Acetone	10 U	10	1	10/03/23 03:23	
Benzene	5.0 U	5.0	1	10/03/23 03:23	
Bromochloromethane	5.0 U	5.0	1	10/03/23 03:23	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 03:23	
Bromoform	5.0 U	5.0	1	10/03/23 03:23	
Bromomethane	5.0 U	5.0	1	10/03/23 03:23	
Carbon Disulfide	10 U	10	1	10/03/23 03:23	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 03:23	
Chlorobenzene	5.0 U	5.0	1	10/03/23 03:23	
Chloroethane	5.0 U	5.0	1	10/03/23 03:23	
Chloroform	5.0 U	5.0	1	10/03/23 03:23	
Chloromethane	5.0 U	5.0	1	10/03/23 03:23	
Cyclohexane	10 U	10	1	10/03/23 03:23	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 03:23	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 03:23	
Dichloromethane	5.0 U	5.0	1	10/03/23 03:23	
Ethylbenzene	5.0 U	5.0	1	10/03/23 03:23	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 03:23	
Methyl Acetate	10 U	10	1	10/03/23 03:23	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 03:23	
Methylcyclohexane	10 U	10	1	10/03/23 03:23	
Styrene	5.0 U	5.0	1	10/03/23 03:23	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 03:23	
Toluene	5.0 U	5.0	1	10/03/23 03:23	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:57
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-7	**Units:**	ug/L
Lab Code:	R2308786-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 03:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 03:23	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 03:23	
cis-1,2-Dichloroethene	**44**	5.0	1	10/03/23 03:23	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:23	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 03:23	
o-Xylene	5.0 U	5.0	1	10/03/23 03:23	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 03:23	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:23	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/03/23 03:23	
Dibromofluoromethane	90	80 - 116	10/03/23 03:23	
Toluene-d8	101	87 - 121	10/03/23 03:23	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 16:30
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-8	**Units:**	ug/L
Lab Code:	R2308786-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 03:46	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 03:46	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 03:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 03:46	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 03:46	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 03:46	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 03:46	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 03:46	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 03:46	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 03:46	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
1,4-Dioxane	100 U	100	1	10/03/23 03:46	
2-Butanone (MEK)	10 U	10	1	10/03/23 03:46	
2-Hexanone	10 U	10	1	10/03/23 03:46	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 03:46	
Acetone	10 U	10	1	10/03/23 03:46	
Benzene	5.0 U	5.0	1	10/03/23 03:46	
Bromochloromethane	5.0 U	5.0	1	10/03/23 03:46	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 03:46	
Bromoform	5.0 U	5.0	1	10/03/23 03:46	
Bromomethane	5.0 U	5.0	1	10/03/23 03:46	
Carbon Disulfide	10 U	10	1	10/03/23 03:46	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 03:46	
Chlorobenzene	5.0 U	5.0	1	10/03/23 03:46	
Chloroethane	5.0 U	5.0	1	10/03/23 03:46	
Chloroform	5.0 U	5.0	1	10/03/23 03:46	
Chloromethane	5.0 U	5.0	1	10/03/23 03:46	
Cyclohexane	10 U	10	1	10/03/23 03:46	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 03:46	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 03:46	
Dichloromethane	5.0 U	5.0	1	10/03/23 03:46	
Ethylbenzene	5.0 U	5.0	1	10/03/23 03:46	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 03:46	
Methyl Acetate	10 U	10	1	10/03/23 03:46	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 03:46	
Methylcyclohexane	10 U	10	1	10/03/23 03:46	
Styrene	5.0 U	5.0	1	10/03/23 03:46	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 03:46	
Toluene	5.0 U	5.0	1	10/03/23 03:46	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 16:30
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-8	**Units:**	ug/L
Lab Code:	R2308786-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 03:46	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 03:46	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 03:46	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 03:46	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:46	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 03:46	
o-Xylene	5.0 U	5.0	1	10/03/23 03:46	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 03:46	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 03:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/03/23 03:46	
Dibromofluoromethane	91	80 - 116	10/03/23 03:46	
Toluene-d8	103	87 - 121	10/03/23 03:46	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 16:00
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-9	**Units:**	ug/L
Lab Code:	R2308786-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 04:09	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 04:09	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 04:09	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 04:09	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 04:09	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 04:09	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 04:09	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 04:09	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 04:09	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 04:09	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
1,4-Dioxane	100 U	100	1	10/03/23 04:09	
2-Butanone (MEK)	10 U	10	1	10/03/23 04:09	
2-Hexanone	10 U	10	1	10/03/23 04:09	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 04:09	
Acetone	10 U	10	1	10/03/23 04:09	
Benzene	5.0 U	5.0	1	10/03/23 04:09	
Bromochloromethane	5.0 U	5.0	1	10/03/23 04:09	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 04:09	
Bromoform	5.0 U	5.0	1	10/03/23 04:09	
Bromomethane	5.0 U	5.0	1	10/03/23 04:09	
Carbon Disulfide	10 U	10	1	10/03/23 04:09	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 04:09	
Chlorobenzene	5.0 U	5.0	1	10/03/23 04:09	
Chloroethane	5.0 U	5.0	1	10/03/23 04:09	
Chloroform	5.0 U	5.0	1	10/03/23 04:09	
Chloromethane	5.0 U	5.0	1	10/03/23 04:09	
Cyclohexane	10 U	10	1	10/03/23 04:09	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 04:09	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 04:09	
Dichloromethane	5.0 U	5.0	1	10/03/23 04:09	
Ethylbenzene	5.0 U	5.0	1	10/03/23 04:09	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 04:09	
Methyl Acetate	10 U	10	1	10/03/23 04:09	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 04:09	
Methylcyclohexane	10 U	10	1	10/03/23 04:09	
Styrene	5.0 U	5.0	1	10/03/23 04:09	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 04:09	
Toluene	5.0 U	5.0	1	10/03/23 04:09	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 16:00
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-9	**Units:**	ug/L
Lab Code:	R2308786-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 04:09	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 04:09	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 04:09	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 04:09	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:09	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 04:09	
o-Xylene	5.0 U	5.0	1	10/03/23 04:09	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 04:09	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:09	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/03/23 04:09	
Dibromofluoromethane	89	80 - 116	10/03/23 04:09	
Toluene-d8	101	87 - 121	10/03/23 04:09	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 10:40
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2308786-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 04:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 04:32	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 04:32	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 04:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 04:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 04:32	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 04:32	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 04:32	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 04:32	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 04:32	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
1,4-Dioxane	100 U	100	1	10/03/23 04:32	
2-Butanone (MEK)	10 U	10	1	10/03/23 04:32	
2-Hexanone	10 U	10	1	10/03/23 04:32	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 04:32	
Acetone	10 U	10	1	10/03/23 04:32	
Benzene	5.0 U	5.0	1	10/03/23 04:32	
Bromochloromethane	5.0 U	5.0	1	10/03/23 04:32	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 04:32	
Bromoform	5.0 U	5.0	1	10/03/23 04:32	
Bromomethane	5.0 U	5.0	1	10/03/23 04:32	
Carbon Disulfide	10 U	10	1	10/03/23 04:32	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 04:32	
Chlorobenzene	5.0 U	5.0	1	10/03/23 04:32	
Chloroethane	5.0 U	5.0	1	10/03/23 04:32	
Chloroform	5.0 U	5.0	1	10/03/23 04:32	
Chloromethane	5.0 U	5.0	1	10/03/23 04:32	
Cyclohexane	10 U	10	1	10/03/23 04:32	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 04:32	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 04:32	
Dichloromethane	5.0 U	5.0	1	10/03/23 04:32	
Ethylbenzene	5.0 U	5.0	1	10/03/23 04:32	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 04:32	
Methyl Acetate	10 U	10	1	10/03/23 04:32	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 04:32	
Methylcyclohexane	10 U	10	1	10/03/23 04:32	
Styrene	5.0 U	5.0	1	10/03/23 04:32	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 04:32	
Toluene	5.0 U	5.0	1	10/03/23 04:32	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 10:40
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2308786-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 04:32	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 04:32	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 04:32	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 04:32	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:32	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 04:32	
o-Xylene	5.0 U	5.0	1	10/03/23 04:32	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 04:32	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:32	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/03/23 04:32	
Dibromofluoromethane	91	80 - 116	10/03/23 04:32	
Toluene-d8	102	87 - 121	10/03/23 04:32	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:15
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-11	**Units:**	ug/L
Lab Code:	R2308786-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 18:39	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 18:39	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 18:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 18:39	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 18:39	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 18:39	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 18:39	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 18:39	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 18:39	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 18:39	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
1,4-Dioxane	100 U	100	1	10/03/23 18:39	
2-Butanone (MEK)	10 U	10	1	10/03/23 18:39	
2-Hexanone	10 U	10	1	10/03/23 18:39	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 18:39	
Acetone	10 U	10	1	10/03/23 18:39	
Benzene	5.0 U	5.0	1	10/03/23 18:39	
Bromochloromethane	5.0 U	5.0	1	10/03/23 18:39	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 18:39	
Bromoform	5.0 U	5.0	1	10/03/23 18:39	
Bromomethane	5.0 U	5.0	1	10/03/23 18:39	
Carbon Disulfide	10 U	10	1	10/03/23 18:39	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 18:39	
Chlorobenzene	5.0 U	5.0	1	10/03/23 18:39	
Chloroethane	5.0 U	5.0	1	10/03/23 18:39	
Chloroform	5.0 U	5.0	1	10/03/23 18:39	
Chloromethane	5.0 U	5.0	1	10/03/23 18:39	
Cyclohexane	10 U	10	1	10/03/23 18:39	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 18:39	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 18:39	
Dichloromethane	5.0 U	5.0	1	10/03/23 18:39	
Ethylbenzene	5.0 U	5.0	1	10/03/23 18:39	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 18:39	
Methyl Acetate	10 U	10	1	10/03/23 18:39	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 18:39	
Methylcyclohexane	10 U	10	1	10/03/23 18:39	
Styrene	5.0 U	5.0	1	10/03/23 18:39	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 18:39	
Toluene	5.0 U	5.0	1	10/03/23 18:39	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:15
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-11	**Units:**	ug/L
Lab Code:	R2308786-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**140**	5.0	1	10/03/23 18:39	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 18:39	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 18:39	
cis-1,2-Dichloroethene	**80**	5.0	1	10/03/23 18:39	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 18:39	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 18:39	
o-Xylene	5.0 U	5.0	1	10/03/23 18:39	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 18:39	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 18:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	10/03/23 18:39	
Dibromofluoromethane	91	80 - 116	10/03/23 18:39	
Toluene-d8	100	87 - 121	10/03/23 18:39	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:54
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-12	**Units:**	ug/L
Lab Code:	R2308786-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 04:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 04:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 04:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 04:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 04:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 04:55	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 04:55	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 04:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 04:55	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 04:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
1,4-Dioxane	100 U	100	1	10/03/23 04:55	
2-Butanone (MEK)	10 U	10	1	10/03/23 04:55	
2-Hexanone	10 U	10	1	10/03/23 04:55	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 04:55	
Acetone	10 U	10	1	10/03/23 04:55	
Benzene	5.0 U	5.0	1	10/03/23 04:55	
Bromochloromethane	5.0 U	5.0	1	10/03/23 04:55	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 04:55	
Bromoform	5.0 U	5.0	1	10/03/23 04:55	
Bromomethane	5.0 U	5.0	1	10/03/23 04:55	
Carbon Disulfide	10 U	10	1	10/03/23 04:55	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 04:55	
Chlorobenzene	5.0 U	5.0	1	10/03/23 04:55	
Chloroethane	5.0 U	5.0	1	10/03/23 04:55	
Chloroform	5.0 U	5.0	1	10/03/23 04:55	
Chloromethane	5.0 U	5.0	1	10/03/23 04:55	
Cyclohexane	10 U	10	1	10/03/23 04:55	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 04:55	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 04:55	
Dichloromethane	5.0 U	5.0	1	10/03/23 04:55	
Ethylbenzene	5.0 U	5.0	1	10/03/23 04:55	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 04:55	
Methyl Acetate	10 U	10	1	10/03/23 04:55	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 04:55	
Methylcyclohexane	10 U	10	1	10/03/23 04:55	
Styrene	5.0 U	5.0	1	10/03/23 04:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 04:55	
Toluene	5.0 U	5.0	1	10/03/23 04:55	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:54
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-12	**Units:**	ug/L
Lab Code:	R2308786-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**13**	5.0	1	10/03/23 04:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 04:55	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 04:55	
cis-1,2-Dichloroethene	**47**	5.0	1	10/03/23 04:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:55	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 04:55	
o-Xylene	5.0 U	5.0	1	10/03/23 04:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 04:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 04:55	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/03/23 04:55	
Dibromofluoromethane	88	80 - 116	10/03/23 04:55	
Toluene-d8	98	87 - 121	10/03/23 04:55	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:06
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2308786-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 05:18	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 05:18	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 05:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 05:18	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 05:18	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 05:18	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 05:18	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 05:18	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 05:18	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 05:18	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
1,4-Dioxane	100 U	100	1	10/03/23 05:18	
2-Butanone (MEK)	10 U	10	1	10/03/23 05:18	
2-Hexanone	10 U	10	1	10/03/23 05:18	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 05:18	
Acetone	10 U	10	1	10/03/23 05:18	
Benzene	5.0 U	5.0	1	10/03/23 05:18	
Bromochloromethane	5.0 U	5.0	1	10/03/23 05:18	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 05:18	
Bromoform	5.0 U	5.0	1	10/03/23 05:18	
Bromomethane	5.0 U	5.0	1	10/03/23 05:18	
Carbon Disulfide	10 U	10	1	10/03/23 05:18	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 05:18	
Chlorobenzene	5.0 U	5.0	1	10/03/23 05:18	
Chloroethane	5.0 U	5.0	1	10/03/23 05:18	
Chloroform	5.0 U	5.0	1	10/03/23 05:18	
Chloromethane	5.0 U	5.0	1	10/03/23 05:18	
Cyclohexane	10 U	10	1	10/03/23 05:18	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 05:18	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 05:18	
Dichloromethane	5.0 U	5.0	1	10/03/23 05:18	
Ethylbenzene	5.0 U	5.0	1	10/03/23 05:18	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 05:18	
Methyl Acetate	10 U	10	1	10/03/23 05:18	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 05:18	
Methylcyclohexane	10 U	10	1	10/03/23 05:18	
Styrene	5.0 U	5.0	1	10/03/23 05:18	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 05:18	
Toluene	5.0 U	5.0	1	10/03/23 05:18	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:06
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2308786-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 05:18	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 05:18	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 05:18	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 05:18	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 05:18	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 05:18	
o-Xylene	5.0 U	5.0	1	10/03/23 05:18	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 05:18	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 05:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/03/23 05:18	
Dibromofluoromethane	88	80 - 116	10/03/23 05:18	
Toluene-d8	99	87 - 121	10/03/23 05:18	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:11
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2308786-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 05:41	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 05:41	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 05:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 05:41	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 05:41	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 05:41	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 05:41	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 05:41	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 05:41	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 05:41	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
1,4-Dioxane	100 U	100	1	10/03/23 05:41	
2-Butanone (MEK)	10 U	10	1	10/03/23 05:41	
2-Hexanone	10 U	10	1	10/03/23 05:41	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 05:41	
Acetone	10 U	10	1	10/03/23 05:41	
Benzene	5.0 U	5.0	1	10/03/23 05:41	
Bromochloromethane	5.0 U	5.0	1	10/03/23 05:41	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 05:41	
Bromoform	5.0 U	5.0	1	10/03/23 05:41	
Bromomethane	5.0 U	5.0	1	10/03/23 05:41	
Carbon Disulfide	10 U	10	1	10/03/23 05:41	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 05:41	
Chlorobenzene	5.0 U	5.0	1	10/03/23 05:41	
Chloroethane	5.0 U	5.0	1	10/03/23 05:41	
Chloroform	5.0 U	5.0	1	10/03/23 05:41	
Chloromethane	5.0 U	5.0	1	10/03/23 05:41	
Cyclohexane	10 U	10	1	10/03/23 05:41	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 05:41	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 05:41	
Dichloromethane	5.0 U	5.0	1	10/03/23 05:41	
Ethylbenzene	5.0 U	5.0	1	10/03/23 05:41	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 05:41	
Methyl Acetate	10 U	10	1	10/03/23 05:41	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 05:41	
Methylcyclohexane	10 U	10	1	10/03/23 05:41	
Styrene	5.0 U	5.0	1	10/03/23 05:41	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 05:41	
Toluene	5.0 U	5.0	1	10/03/23 05:41	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:11
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2308786-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**13**	5.0	1	10/03/23 05:41	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 05:41	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 05:41	
cis-1,2-Dichloroethene	**17**	5.0	1	10/03/23 05:41	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 05:41	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 05:41	
o-Xylene	5.0 U	5.0	1	10/03/23 05:41	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 05:41	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 05:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/03/23 05:41	
Dibromofluoromethane	91	80 - 116	10/03/23 05:41	
Toluene-d8	102	87 - 121	10/03/23 05:41	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:46
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2308786-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 06:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 06:04	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 06:04	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 06:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 06:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 06:04	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 06:04	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 06:04	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 06:04	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 06:04	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
1,4-Dioxane	100 U	100	1	10/03/23 06:04	
2-Butanone (MEK)	10 U	10	1	10/03/23 06:04	
2-Hexanone	10 U	10	1	10/03/23 06:04	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 06:04	
Acetone	10 U	10	1	10/03/23 06:04	
Benzene	5.0 U	5.0	1	10/03/23 06:04	
Bromochloromethane	5.0 U	5.0	1	10/03/23 06:04	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 06:04	
Bromoform	5.0 U	5.0	1	10/03/23 06:04	
Bromomethane	5.0 U	5.0	1	10/03/23 06:04	
Carbon Disulfide	10 U	10	1	10/03/23 06:04	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 06:04	
Chlorobenzene	5.0 U	5.0	1	10/03/23 06:04	
Chloroethane	5.0 U	5.0	1	10/03/23 06:04	
Chloroform	5.0 U	5.0	1	10/03/23 06:04	
Chloromethane	5.0 U	5.0	1	10/03/23 06:04	
Cyclohexane	10 U	10	1	10/03/23 06:04	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 06:04	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 06:04	
Dichloromethane	5.0 U	5.0	1	10/03/23 06:04	
Ethylbenzene	5.0 U	5.0	1	10/03/23 06:04	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 06:04	
Methyl Acetate	10 U	10	1	10/03/23 06:04	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 06:04	
Methylcyclohexane	10 U	10	1	10/03/23 06:04	
Styrene	5.0 U	5.0	1	10/03/23 06:04	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 06:04	
Toluene	5.0 U	5.0	1	10/03/23 06:04	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:46
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2308786-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**5.9**	5.0	1	10/03/23 06:04	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 06:04	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 06:04	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 06:04	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:04	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 06:04	
o-Xylene	5.0 U	5.0	1	10/03/23 06:04	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 06:04	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:04	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/03/23 06:04	
Dibromofluoromethane	90	80 - 116	10/03/23 06:04	
Toluene-d8	101	87 - 121	10/03/23 06:04	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:40
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2308786-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 06:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 06:27	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 06:27	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 06:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 06:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 06:27	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 06:27	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 06:27	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 06:27	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 06:27	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
1,4-Dioxane	100 U	100	1	10/03/23 06:27	
2-Butanone (MEK)	10 U	10	1	10/03/23 06:27	
2-Hexanone	10 U	10	1	10/03/23 06:27	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 06:27	
Acetone	10 U	10	1	10/03/23 06:27	
Benzene	5.0 U	5.0	1	10/03/23 06:27	
Bromochloromethane	5.0 U	5.0	1	10/03/23 06:27	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 06:27	
Bromoform	5.0 U	5.0	1	10/03/23 06:27	
Bromomethane	5.0 U	5.0	1	10/03/23 06:27	
Carbon Disulfide	10 U	10	1	10/03/23 06:27	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 06:27	
Chlorobenzene	5.0 U	5.0	1	10/03/23 06:27	
Chloroethane	5.0 U	5.0	1	10/03/23 06:27	
Chloroform	5.0 U	5.0	1	10/03/23 06:27	
Chloromethane	5.0 U	5.0	1	10/03/23 06:27	
Cyclohexane	10 U	10	1	10/03/23 06:27	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 06:27	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 06:27	
Dichloromethane	5.0 U	5.0	1	10/03/23 06:27	
Ethylbenzene	5.0 U	5.0	1	10/03/23 06:27	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 06:27	
Methyl Acetate	10 U	10	1	10/03/23 06:27	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 06:27	
Methylcyclohexane	10 U	10	1	10/03/23 06:27	
Styrene	5.0 U	5.0	1	10/03/23 06:27	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 06:27	
Toluene	5.0 U	5.0	1	10/03/23 06:27	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 08:40
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2308786-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 06:27	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 06:27	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 06:27	
cis-1,2-Dichloroethene	**14**	5.0	1	10/03/23 06:27	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:27	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 06:27	
o-Xylene	5.0 U	5.0	1	10/03/23 06:27	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 06:27	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:27	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/03/23 06:27	
Dibromofluoromethane	88	80 - 116	10/03/23 06:27	
Toluene-d8	99	87 - 121	10/03/23 06:27	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:50
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-17	**Units:**	ug/L
Lab Code:	R2308786-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 06:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 06:50	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 06:50	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 06:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 06:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 06:50	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 06:50	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 06:50	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 06:50	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 06:50	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
1,4-Dioxane	100 U	100	1	10/03/23 06:50	
2-Butanone (MEK)	10 U	10	1	10/03/23 06:50	
2-Hexanone	10 U	10	1	10/03/23 06:50	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 06:50	
Acetone	10 U	10	1	10/03/23 06:50	
Benzene	5.0 U	5.0	1	10/03/23 06:50	
Bromochloromethane	5.0 U	5.0	1	10/03/23 06:50	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 06:50	
Bromoform	5.0 U	5.0	1	10/03/23 06:50	
Bromomethane	5.0 U	5.0	1	10/03/23 06:50	
Carbon Disulfide	10 U	10	1	10/03/23 06:50	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 06:50	
Chlorobenzene	5.0 U	5.0	1	10/03/23 06:50	
Chloroethane	5.0 U	5.0	1	10/03/23 06:50	
Chloroform	5.0 U	5.0	1	10/03/23 06:50	
Chloromethane	5.0 U	5.0	1	10/03/23 06:50	
Cyclohexane	10 U	10	1	10/03/23 06:50	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 06:50	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 06:50	
Dichloromethane	5.0 U	5.0	1	10/03/23 06:50	
Ethylbenzene	5.0 U	5.0	1	10/03/23 06:50	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 06:50	
Methyl Acetate	10 U	10	1	10/03/23 06:50	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 06:50	
Methylcyclohexane	10 U	10	1	10/03/23 06:50	
Styrene	5.0 U	5.0	1	10/03/23 06:50	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 06:50	
Toluene	5.0 U	5.0	1	10/03/23 06:50	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:50
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-17	**Units:**	ug/L
Lab Code:	R2308786-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**8.3**	5.0	1	10/03/23 06:50	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 06:50	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 06:50	
cis-1,2-Dichloroethene	**210 E**	5.0	1	10/03/23 06:50	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:50	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 06:50	
o-Xylene	5.0 U	5.0	1	10/03/23 06:50	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 06:50	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 06:50	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/03/23 06:50	
Dibromofluoromethane	91	80 - 116	10/03/23 06:50	
Toluene-d8	101	87 - 121	10/03/23 06:50	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:50
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-17	**Units:**	ug/L
Lab Code:	R2308786-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	13 U	13	2.5	10/03/23 19:02	
1,1,2,2-Tetrachloroethane	13 U	13	2.5	10/03/23 19:02	
1,1,2-Trichloroethane	13 U	13	2.5	10/03/23 19:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	13 U	13	2.5	10/03/23 19:02	
1,1-Dichloroethane (1,1-DCA)	13 U	13	2.5	10/03/23 19:02	
1,1-Dichloroethene (1,1-DCE)	13 U	13	2.5	10/03/23 19:02	
1,2,3-Trichlorobenzene	13 U	13	2.5	10/03/23 19:02	
1,2,4-Trichlorobenzene	13 U	13	2.5	10/03/23 19:02	
1,2-Dibromo-3-chloropropane (DBCP)	13 U	13	2.5	10/03/23 19:02	
1,2-Dibromoethane	13 U	13	2.5	10/03/23 19:02	
1,2-Dichlorobenzene	13 U	13	2.5	10/03/23 19:02	
1,2-Dichloroethane	13 U	13	2.5	10/03/23 19:02	
1,2-Dichloropropane	13 U	13	2.5	10/03/23 19:02	
1,3-Dichlorobenzene	13 U	13	2.5	10/03/23 19:02	
1,4-Dichlorobenzene	13 U	13	2.5	10/03/23 19:02	
1,4-Dioxane	250 U	250	2.5	10/03/23 19:02	
2-Butanone (MEK)	25 U	25	2.5	10/03/23 19:02	
2-Hexanone	25 U	25	2.5	10/03/23 19:02	
4-Methyl-2-pentanone	25 U	25	2.5	10/03/23 19:02	
Acetone	25 U	25	2.5	10/03/23 19:02	
Benzene	13 U	13	2.5	10/03/23 19:02	
Bromochloromethane	13 U	13	2.5	10/03/23 19:02	
Bromodichloromethane	13 U	13	2.5	10/03/23 19:02	
Bromoform	13 U	13	2.5	10/03/23 19:02	
Bromomethane	13 U	13	2.5	10/03/23 19:02	
Carbon Disulfide	25 U	25	2.5	10/03/23 19:02	
Carbon Tetrachloride	13 U	13	2.5	10/03/23 19:02	
Chlorobenzene	13 U	13	2.5	10/03/23 19:02	
Chloroethane	13 U	13	2.5	10/03/23 19:02	
Chloroform	13 U	13	2.5	10/03/23 19:02	
Chloromethane	13 U	13	2.5	10/03/23 19:02	
Cyclohexane	25 U	25	2.5	10/03/23 19:02	
Dibromochloromethane	13 U	13	2.5	10/03/23 19:02	
Dichlorodifluoromethane (CFC 12)	13 U	13	2.5	10/03/23 19:02	
Dichloromethane	13 U	13	2.5	10/03/23 19:02	
Ethylbenzene	13 U	13	2.5	10/03/23 19:02	
Isopropylbenzene (Cumene)	13 U	13	2.5	10/03/23 19:02	
Methyl Acetate	25 U	25	2.5	10/03/23 19:02	
Methyl tert-Butyl Ether	13 U	13	2.5	10/03/23 19:02	
Methylcyclohexane	25 U	25	2.5	10/03/23 19:02	
Styrene	13 U	13	2.5	10/03/23 19:02	
Tetrachloroethene (PCE)	13 U	13	2.5	10/03/23 19:02	
Toluene	13 U	13	2.5	10/03/23 19:02	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:50
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-17	**Units:**	ug/L
Lab Code:	R2308786-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	13 U	13	2.5	10/03/23 19:02	
Trichlorofluoromethane (CFC 11)	13 U	13	2.5	10/03/23 19:02	
Vinyl Chloride	13 U	13	2.5	10/03/23 19:02	
cis-1,2-Dichloroethene	**200 D**	13	2.5	10/03/23 19:02	
cis-1,3-Dichloropropene	13 U	13	2.5	10/03/23 19:02	
m,p-Xylenes	13 U	13	2.5	10/03/23 19:02	
o-Xylene	13 U	13	2.5	10/03/23 19:02	
trans-1,2-Dichloroethene	13 U	13	2.5	10/03/23 19:02	
trans-1,3-Dichloropropene	13 U	13	2.5	10/03/23 19:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/03/23 19:02	
Dibromofluoromethane	91	80 - 116	10/03/23 19:02	
Toluene-d8	102	87 - 121	10/03/23 19:02	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:35
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-18	**Units:**	ug/L
Lab Code:	R2308786-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 07:13	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 07:13	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 07:13	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 07:13	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 07:13	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 07:13	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 07:13	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 07:13	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 07:13	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 07:13	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
1,4-Dioxane	100 U	100	1	10/03/23 07:13	
2-Butanone (MEK)	10 U	10	1	10/03/23 07:13	
2-Hexanone	10 U	10	1	10/03/23 07:13	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 07:13	
Acetone	10 U	10	1	10/03/23 07:13	
Benzene	5.0 U	5.0	1	10/03/23 07:13	
Bromochloromethane	5.0 U	5.0	1	10/03/23 07:13	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 07:13	
Bromoform	5.0 U	5.0	1	10/03/23 07:13	
Bromomethane	5.0 U	5.0	1	10/03/23 07:13	
Carbon Disulfide	10 U	10	1	10/03/23 07:13	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 07:13	
Chlorobenzene	5.0 U	5.0	1	10/03/23 07:13	
Chloroethane	5.0 U	5.0	1	10/03/23 07:13	
Chloroform	5.0 U	5.0	1	10/03/23 07:13	
Chloromethane	5.0 U	5.0	1	10/03/23 07:13	
Cyclohexane	10 U	10	1	10/03/23 07:13	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 07:13	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 07:13	
Dichloromethane	5.0 U	5.0	1	10/03/23 07:13	
Ethylbenzene	5.0 U	5.0	1	10/03/23 07:13	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 07:13	
Methyl Acetate	10 U	10	1	10/03/23 07:13	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 07:13	
Methylcyclohexane	10 U	10	1	10/03/23 07:13	
Styrene	5.0 U	5.0	1	10/03/23 07:13	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 07:13	
Toluene	5.0 U	5.0	1	10/03/23 07:13	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:35
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-18	**Units:**	ug/L
Lab Code:	R2308786-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 07:13	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 07:13	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 07:13	
cis-1,2-Dichloroethene	**26**	5.0	1	10/03/23 07:13	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:13	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 07:13	
o-Xylene	5.0 U	5.0	1	10/03/23 07:13	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 07:13	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:13	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/03/23 07:13	
Dibromofluoromethane	92	80 - 116	10/03/23 07:13	
Toluene-d8	103	87 - 121	10/03/23 07:13	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:11
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-19R	**Units:**	ug/L
Lab Code:	R2308786-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 07:36	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 07:36	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 07:36	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 07:36	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 07:36	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 07:36	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 07:36	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 07:36	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 07:36	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 07:36	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
1,4-Dioxane	100 U	100	1	10/03/23 07:36	
2-Butanone (MEK)	10 U	10	1	10/03/23 07:36	
2-Hexanone	10 U	10	1	10/03/23 07:36	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 07:36	
Acetone	10 U	10	1	10/03/23 07:36	
Benzene	5.0 U	5.0	1	10/03/23 07:36	
Bromochloromethane	5.0 U	5.0	1	10/03/23 07:36	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 07:36	
Bromoform	5.0 U	5.0	1	10/03/23 07:36	
Bromomethane	5.0 U	5.0	1	10/03/23 07:36	
Carbon Disulfide	10 U	10	1	10/03/23 07:36	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 07:36	
Chlorobenzene	5.0 U	5.0	1	10/03/23 07:36	
Chloroethane	5.0 U	5.0	1	10/03/23 07:36	
Chloroform	5.0 U	5.0	1	10/03/23 07:36	
Chloromethane	5.0 U	5.0	1	10/03/23 07:36	
Cyclohexane	10 U	10	1	10/03/23 07:36	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 07:36	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 07:36	
Dichloromethane	5.0 U	5.0	1	10/03/23 07:36	
Ethylbenzene	5.0 U	5.0	1	10/03/23 07:36	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 07:36	
Methyl Acetate	10 U	10	1	10/03/23 07:36	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 07:36	
Methylcyclohexane	10 U	10	1	10/03/23 07:36	
Styrene	5.0 U	5.0	1	10/03/23 07:36	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 07:36	
Toluene	5.0 U	5.0	1	10/03/23 07:36	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:11
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-19R	**Units:**	ug/L
Lab Code:	R2308786-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 07:36	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 07:36	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 07:36	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 07:36	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:36	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 07:36	
o-Xylene	5.0 U	5.0	1	10/03/23 07:36	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 07:36	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:36	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/03/23 07:36	
Dibromofluoromethane	91	80 - 116	10/03/23 07:36	
Toluene-d8	101	87 - 121	10/03/23 07:36	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:57
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-20	**Units:**	ug/L
Lab Code:	R2308786-020	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 07:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 07:59	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 07:59	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 07:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 07:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 07:59	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 07:59	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 07:59	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 07:59	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 07:59	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
1,4-Dioxane	100 U	100	1	10/03/23 07:59	
2-Butanone (MEK)	10 U	10	1	10/03/23 07:59	
2-Hexanone	10 U	10	1	10/03/23 07:59	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 07:59	
Acetone	10 U	10	1	10/03/23 07:59	
Benzene	5.0 U	5.0	1	10/03/23 07:59	
Bromochloromethane	5.0 U	5.0	1	10/03/23 07:59	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 07:59	
Bromoform	5.0 U	5.0	1	10/03/23 07:59	
Bromomethane	5.0 U	5.0	1	10/03/23 07:59	
Carbon Disulfide	10 U	10	1	10/03/23 07:59	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 07:59	
Chlorobenzene	5.0 U	5.0	1	10/03/23 07:59	
Chloroethane	5.0 U	5.0	1	10/03/23 07:59	
Chloroform	5.0 U	5.0	1	10/03/23 07:59	
Chloromethane	5.0 U	5.0	1	10/03/23 07:59	
Cyclohexane	10 U	10	1	10/03/23 07:59	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 07:59	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 07:59	
Dichloromethane	5.0 U	5.0	1	10/03/23 07:59	
Ethylbenzene	5.0 U	5.0	1	10/03/23 07:59	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 07:59	
Methyl Acetate	10 U	10	1	10/03/23 07:59	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 07:59	
Methylcyclohexane	10 U	10	1	10/03/23 07:59	
Styrene	5.0 U	5.0	1	10/03/23 07:59	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 07:59	
Toluene	5.0 U	5.0	1	10/03/23 07:59	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 07:57
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-20	**Units:**	ug/L
Lab Code:	R2308786-020	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 07:59	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 07:59	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 07:59	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 07:59	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:59	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 07:59	
o-Xylene	5.0 U	5.0	1	10/03/23 07:59	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 07:59	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 07:59	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/03/23 07:59	
Dibromofluoromethane	88	80 - 116	10/03/23 07:59	
Toluene-d8	100	87 - 121	10/03/23 07:59	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Bergmann Associates, Incorporated **Service Request:** R2308786
Project: Gowanda/23006923A
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-1	R2308786-001	94	90	102
MW-2	R2308786-002	90	90	98
MW-3	R2308786-003	97	91	101
MW-4	R2308786-004	96	89	100
MW-5	R2308786-005	93	89	99
MW-6	R2308786-006	94	91	100
MW-7	R2308786-007	98	90	101
MW-8	R2308786-008	95	91	103
MW-9	R2308786-009	94	89	101
MW-10	R2308786-010	93	91	102
MW-11	R2308786-011	91	91	100
MW-12	R2308786-012	89	88	98
MW-13	R2308786-013	92	88	99
MW-14	R2308786-014	97	91	102
MW-15	R2308786-015	92	90	101
MW-16	R2308786-016	95	88	99
MW-17	R2308786-017	95	91	101
MW-17 DL	R2308786-017	94	91	102
MW-18	R2308786-018	96	92	103
MW-19R	R2308786-019	95	91	101
MW-20	R2308786-020	94	88	100
Lab Control Sample	RQ2312874-03	95	95	101
Method Blank	RQ2312874-04	91	90	100
MW-1 MS	RQ2312874-05	100	96	102
MW-1 DMS	RQ2312874-06	98	95	101
Lab Control Sample	RQ2312923-03	95	93	100
Method Blank	RQ2312923-04	88	88	98

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23
		Date Analyzed:	10/3/23
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-1	**Units:**	ug/L
Lab Code:	R2308786-001	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2312874-05			**Duplicate Matrix Spike** RQ2312874-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	25 U	243	250	97	246	250	98	74-127	1	30
1,1,2,2-Tetrachloroethane	25 U	233	250	93	247	250	99	72-122	6	30
1,1,2-Trichloroethane	25 U	244	250	98	244	250	98	82-121	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	25 U	227	250	91	234	250	94	50-147	3	30
1,1-Dichloroethane (1,1-DCA)	25 U	281	250	112	289	250	115	74-132	3	30
1,1-Dichloroethene (1,1-DCE)	25 U	228	250	91	237	250	95	71-118	4	30
1,2,3-Trichlorobenzene	25 U	212	250	85	224	250	90	59-129	6	30
1,2,4-Trichlorobenzene	25 U	208	250	83	218	250	87	69-122	5	30
1,2-Dibromo-3-chloropropane (DBCP)	25 U	189	250	76	200	250	80	37-150	6	30
1,2-Dibromoethane	25 U	228	250	91	236	250	94	67-127	3	30
1,2-Dichlorobenzene	25 U	222	250	89	232	250	93	77-120	4	30
1,2-Dichloroethane	25 U	255	250	102	254	250	102	68-130	<1	30
1,2-Dichloropropane	25 U	266	250	106	265	250	106	79-124	<1	30
1,3-Dichlorobenzene	25 U	223	250	89	234	250	93	83-121	5	30
1,4-Dichlorobenzene	25 U	220	250	88	229	250	92	82-120	4	30
1,4-Dioxane	500 U	4590	5000	92	4620	5000	92	44-154	<1	30
2-Butanone (MEK)	50 U	223	250	89	233	250	93	61-137	4	30
2-Hexanone	50 U	238	250	95	251	250	100	56-132	5	30
4-Methyl-2-pentanone	50 U	254	250	102	260	250	104	60-141	2	30
Acetone	50 U	203	250	81	209	250	84	35-183	3	30
Benzene	25 U	267	250	107	266	250	107	76-129	<1	30
Bromochloromethane	25 U	244	250	98	250	250	100	80-122	3	30
Bromodichloromethane	25 U	221	250	88	224	250	90	78-133	2	30
Bromoform	25 U	194	250	78	201	250	81	58-133	4	30
Bromomethane	25 U	232	250	93	231	250	93	10-184	<1	30
Carbon Disulfide	50 U	212	250	85	229	250	92	59-140	8	30
Carbon Tetrachloride	25 U	237	250	95	236	250	95	65-135	<1	30
Chlorobenzene	25 U	241	250	96	248	250	99	76-125	3	30
Chloroethane	25 U	222	250	89	221	250	88	48-146	<1	30
Chloroform	25 U	250	250	100	255	250	102	75-130	2	30
Chloromethane	25 U	250	250	100	258	250	103	55-160	3	30
Cyclohexane	50 U	248	250	99	245	250	98	52-145	1	30
Dibromochloromethane	25 U	210	250	84	215	250	86	72-128	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23
		Date Analyzed:	10/3/23
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-1	**Units:**	ug/L
Lab Code:	R2308786-001	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2312874-05			Duplicate Matrix Spike RQ2312874-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	25 U	164	250	66	174	250	70	49-154	6	30
Dichloromethane	25 U	243	250	97	251	250	100	73-122	3	30
Ethylbenzene	25 U	244	250	97	248	250	99	72-134	2	30
Isopropylbenzene (Cumene)	25 U	252	250	101	259	250	104	77-128	3	30
Methyl Acetate	50 U	174	250	69	187	250	75	26-121	7	30
Methyl tert-Butyl Ether	25 U	247	250	99	252	250	101	75-119	2	30
Methylcyclohexane	50 U	241	250	96	237	250	95	45-146	2	30
Styrene	25 U	248	250	99	251	250	100	74-136	1	30
Tetrachloroethene (PCE)	25 U	229	250	92	237	250	95	72-125	3	30
Toluene	25 U	259	250	103	259	250	104	79-119	<1	30
Trichloroethene (TCE)	400	678	250	110	680	250	111	74-122	<1	30
Trichlorofluoromethane (CFC 11)	25 U	235	250	94	239	250	96	71-136	2	30
Vinyl Chloride	25 U	215	250	86	225	250	90	74-159	5	30
cis-1,2-Dichloroethene	260	530	250	109	534	250	111	77-127	<1	30
cis-1,3-Dichloropropene	25 U	237	250	95	242	250	97	52-134	2	30
m,p-Xylenes	25 U	487	500	97	502	500	100	80-126	3	30
o-Xylene	25 U	244	250	98	251	250	100	79-123	3	30
trans-1,2-Dichloroethene	25 U	239	250	96	249	250	100	73-118	4	30
trans-1,3-Dichloropropene	25 U	240	250	96	240	250	96	71-133	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312874-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 01:05	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 01:05	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 01:05	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 01:05	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 01:05	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 01:05	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 01:05	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 01:05	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 01:05	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 01:05	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
1,4-Dioxane	100 U	100	1	10/03/23 01:05	
2-Butanone (MEK)	10 U	10	1	10/03/23 01:05	
2-Hexanone	10 U	10	1	10/03/23 01:05	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 01:05	
Acetone	10 U	10	1	10/03/23 01:05	
Benzene	5.0 U	5.0	1	10/03/23 01:05	
Bromochloromethane	5.0 U	5.0	1	10/03/23 01:05	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 01:05	
Bromoform	5.0 U	5.0	1	10/03/23 01:05	
Bromomethane	5.0 U	5.0	1	10/03/23 01:05	
Carbon Disulfide	10 U	10	1	10/03/23 01:05	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 01:05	
Chlorobenzene	5.0 U	5.0	1	10/03/23 01:05	
Chloroethane	5.0 U	5.0	1	10/03/23 01:05	
Chloroform	5.0 U	5.0	1	10/03/23 01:05	
Chloromethane	5.0 U	5.0	1	10/03/23 01:05	
Cyclohexane	10 U	10	1	10/03/23 01:05	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 01:05	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 01:05	
Dichloromethane	5.0 U	5.0	1	10/03/23 01:05	
Ethylbenzene	5.0 U	5.0	1	10/03/23 01:05	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 01:05	
Methyl Acetate	10 U	10	1	10/03/23 01:05	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 01:05	
Methylcyclohexane	10 U	10	1	10/03/23 01:05	
Styrene	5.0 U	5.0	1	10/03/23 01:05	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 01:05	
Toluene	5.0 U	5.0	1	10/03/23 01:05	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312874-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 01:05	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 01:05	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 01:05	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:05	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:05	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 01:05	
o-Xylene	5.0 U	5.0	1	10/03/23 01:05	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 01:05	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 01:05	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	10/03/23 01:05	
Dibromofluoromethane	90	80 - 116	10/03/23 01:05	
Toluene-d8	100	87 - 121	10/03/23 01:05	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312923-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 13:20	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 13:20	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 13:20	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 13:20	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,4-Dioxane	100 U	100	1	10/03/23 13:20	
2-Butanone (MEK)	10 U	10	1	10/03/23 13:20	
2-Hexanone	10 U	10	1	10/03/23 13:20	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 13:20	
Acetone	10 U	10	1	10/03/23 13:20	
Benzene	5.0 U	5.0	1	10/03/23 13:20	
Bromochloromethane	5.0 U	5.0	1	10/03/23 13:20	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 13:20	
Bromoform	5.0 U	5.0	1	10/03/23 13:20	
Bromomethane	5.0 U	5.0	1	10/03/23 13:20	
Carbon Disulfide	10 U	10	1	10/03/23 13:20	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 13:20	
Chlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
Chloroethane	5.0 U	5.0	1	10/03/23 13:20	
Chloroform	5.0 U	5.0	1	10/03/23 13:20	
Chloromethane	5.0 U	5.0	1	10/03/23 13:20	
Cyclohexane	10 U	10	1	10/03/23 13:20	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 13:20	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 13:20	
Dichloromethane	5.0 U	5.0	1	10/03/23 13:20	
Ethylbenzene	5.0 U	5.0	1	10/03/23 13:20	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 13:20	
Methyl Acetate	10 U	10	1	10/03/23 13:20	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 13:20	
Methylcyclohexane	10 U	10	1	10/03/23 13:20	
Styrene	5.0 U	5.0	1	10/03/23 13:20	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 13:20	
Toluene	5.0 U	5.0	1	10/03/23 13:20	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308786
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312923-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 13:20	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 13:20	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 13:20	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 13:20	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 13:20	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 13:20	
o-Xylene	5.0 U	5.0	1	10/03/23 13:20	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 13:20	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 13:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	88	85 - 122	10/03/23 13:20	
Dibromofluoromethane	88	80 - 116	10/03/23 13:20	
Toluene-d8	98	87 - 121	10/03/23 13:20	

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308786
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312874-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.9	20.0	100	75-125
1,1,2,2-Tetrachloroethane	8260C	22.6	20.0	113	78-126
1,1,2-Trichloroethane	8260C	20.9	20.0	104	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.3	20.0	101	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	23.7	20.0	118	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.9	20.0	99	69-142
1,2,3-Trichlorobenzene	8260C	20.6	20.0	103	67-136
1,2,4-Trichlorobenzene	8260C	20.3	20.0	101	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	18.2	20.0	91	55-136
1,2-Dibromoethane	8260C	20.3	20.0	101	82-127
1,2-Dichlorobenzene	8260C	20.0	20.0	100	80-119
1,2-Dichloroethane	8260C	22.3	20.0	111	71-127
1,2-Dichloropropane	8260C	22.5	20.0	113	80-119
1,3-Dichlorobenzene	8260C	20.1	20.0	100	83-121
1,4-Dichlorobenzene	8260C	20.1	20.0	101	79-119
1,4-Dioxane	8260C	419	400	105	44-154
2-Butanone (MEK)	8260C	18.1	20.0	91	61-137
2-Hexanone	8260C	19.3	20.0	96	63-124
4-Methyl-2-pentanone	8260C	20.0	20.0	100	66-124
Acetone	8260C	15.9	20.0	80	40-161
Benzene	8260C	22.2	20.0	111	79-119
Bromochloromethane	8260C	21.0	20.0	105	81-126
Bromodichloromethane	8260C	18.4	20.0	92	81-123
Bromoform	8260C	16.4	20.0	82	65-146
Bromomethane	8260C	18.3	20.0	92	42-166
Carbon Disulfide	8260C	17.5	20.0	88	66-128
Carbon Tetrachloride	8260C	18.9	20.0	94	70-127
Chlorobenzene	8260C	20.5	20.0	102	80-121
Chloroethane	8260C	18.0	20.0	90	62-131
Chloroform	8260C	21.5	20.0	108	79-120
Chloromethane	8260C	21.9	20.0	109	72-179
Cyclohexane	8260C	20.7	20.0	104	69-120
Dibromochloromethane	8260C	17.7	20.0	89	72-128

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308786
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312874-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	15.0	20.0	75	59-155
Dichloromethane	8260C	20.9	20.0	105	73-122
Ethylbenzene	8260C	20.5	20.0	103	76-120
Isopropylbenzene (Cumene)	8260C	21.3	20.0	107	77-128
Methyl Acetate	8260C	16.4	20.0	82	61-133
Methyl tert-Butyl Ether	8260C	22.4	20.0	112	75-118
Methylcyclohexane	8260C	20.9	20.0	105	51-129
Styrene	8260C	20.9	20.0	105	80-124
Tetrachloroethene (PCE)	8260C	19.9	20.0	100	72-125
Toluene	8260C	21.5	20.0	107	79-119
Trichloroethene (TCE)	8260C	19.7	20.0	98	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.1	20.0	101	71-136
Vinyl Chloride	8260C	17.9	20.0	90	74-159
cis-1,2-Dichloroethene	8260C	21.2	20.0	106	80-121
cis-1,3-Dichloropropene	8260C	21.6	20.0	108	77-122
m,p-Xylenes	8260C	40.9	40.0	102	80-126
o-Xylene	8260C	20.4	20.0	102	79-123
trans-1,2-Dichloroethene	8260C	20.5	20.0	103	73-118
trans-1,3-Dichloropropene	8260C	21.7	20.0	109	71-133

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308786
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312923-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.0	20.0	85	75-125
1,1,2,2-Tetrachloroethane	8260C	18.4	20.0	92	78-126
1,1,2-Trichloroethane	8260C	18.1	20.0	90	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	17.7	20.0	88	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.0	20.0	105	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	16.8	20.0	84	69-142
1,2,3-Trichlorobenzene	8260C	17.1	20.0	86	67-136
1,2,4-Trichlorobenzene	8260C	16.9	20.0	85	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	13.9	20.0	69	55-136
1,2-Dibromoethane	8260C	17.7	20.0	89	82-127
1,2-Dichlorobenzene	8260C	17.5	20.0	88	80-119
1,2-Dichloroethane	8260C	19.1	20.0	95	71-127
1,2-Dichloropropane	8260C	19.6	20.0	98	80-119
1,3-Dichlorobenzene	8260C	17.8	20.0	89	83-121
1,4-Dichlorobenzene	8260C	17.5	20.0	88	79-119
1,4-Dioxane	8260C	325	400	81	44-154
2-Butanone (MEK)	8260C	18.6	20.0	93	61-137
2-Hexanone	8260C	20.0	20.0	100	63-124
4-Methyl-2-pentanone	8260C	21.2	20.0	106	66-124
Acetone	8260C	15.9	20.0	80	40-161
Benzene	8260C	19.1	20.0	96	79-119
Bromochloromethane	8260C	18.6	20.0	93	81-126
Bromodichloromethane	8260C	16.1	20.0	80 *	81-123
Bromoform	8260C	13.7	20.0	68	65-146
Bromomethane	8260C	16.5	20.0	83	42-166
Carbon Disulfide	8260C	19.3	20.0	96	66-128
Carbon Tetrachloride	8260C	16.5	20.0	83	70-127
Chlorobenzene	8260C	17.9	20.0	90	80-121
Chloroethane	8260C	15.6	20.0	78	62-131
Chloroform	8260C	18.6	20.0	93	79-120
Chloromethane	8260C	18.7	20.0	93	72-179
Cyclohexane	8260C	20.9	20.0	104	69-120
Dibromochloromethane	8260C	15.0	20.0	75	72-128

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308786
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312923-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	12.9	20.0	64	59-155
Dichloromethane	8260C	18.4	20.0	92	73-122
Ethylbenzene	8260C	17.7	20.0	89	76-120
Isopropylbenzene (Cumene)	8260C	18.6	20.0	93	77-128
Methyl Acetate	8260C	15.0	20.0	75	61-133
Methyl tert-Butyl Ether	8260C	18.8	20.0	94	75-118
Methylcyclohexane	8260C	21.0	20.0	105	51-129
Styrene	8260C	17.9	20.0	90	80-124
Tetrachloroethene (PCE)	8260C	17.5	20.0	88	72-125
Toluene	8260C	18.7	20.0	93	79-119
Trichloroethene (TCE)	8260C	17.1	20.0	86	74-122
Trichlorofluoromethane (CFC 11)	8260C	17.4	20.0	87	71-136
Vinyl Chloride	8260C	15.1	20.0	76	74-159
cis-1,2-Dichloroethene	8260C	18.5	20.0	93	80-121
cis-1,3-Dichloropropene	8260C	18.3	20.0	92	77-122
m,p-Xylenes	8260C	35.6	40.0	89	80-126
o-Xylene	8260C	17.9	20.0	90	79-123
trans-1,2-Dichloroethene	8260C	17.7	20.0	88	73-118
trans-1,3-Dichloropropene	8260C	18.6	20.0	93	71-133

October 10, 2023 Service Request No:R2308787

Ariadna Cheremeteff
Bergmann Associates, Incorporated
280 East Broad Street
Suite 200
Rochester, NY 14604

Laboratory Results for: Gowanda

Dear Ariadna,

Enclosed are the results of the sample(s) submitted to our laboratory September 22, 2023
For your reference, these analyses have been assigned our service request number **R2308787.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Environmental

Client: Bergmann Associates, Incorporated
Project: Gowanda
Sample Matrix: Water

Service Request: R2308787
Date Received: 09/22/2023

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Eleven water samples were received for analysis at ALS Environmental on 09/22/2023. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260C, 10/04/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8260C, 10/04/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8260C, 10/03/2023: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 10/03/2023: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one analyte. There were no detections of the analyte in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples was not performed due to holding time constraints. The analyte is flagged in the LCS Summary.

Approved by _____ Date 10/10/2023

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-21			Lab ID: R2308787-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	23			5.0	ug/L	8260C

CLIENT ID: G-1			Lab ID: R2308787-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	49			5.0	ug/L	8260C

CLIENT ID: G-2			Lab ID: R2308787-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	50			5.0	ug/L	8260C

CLIENT ID: G-3			Lab ID: R2308787-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	140			5.0	ug/L	8260C
Trichloroethene (TCE)	16			5.0	ug/L	8260C

CLIENT ID: DR-1			Lab ID: R2308787-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	15			5.0	ug/L	8260C
Trichloroethene (TCE)	86			5.0	ug/L	8260C

CLIENT ID: DR-2			Lab ID: R2308787-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	95			5.0	ug/L	8260C
Trichloroethene (TCE)	15			5.0	ug/L	8260C

CLIENT ID: DR-3			Lab ID: R2308787-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	47			5.0	ug/L	8260C
Trichloroethene (TCE)	23			5.0	ug/L	8260C

CLIENT ID: DR-4			Lab ID: R2308787-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
cis-1,2-Dichloroethene	8.2			5.0	ug/L	8260C
Trichloroethene (TCE)	17			5.0	ug/L	8260C

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Bergmann Associates, Incorporated **Service Request:**R2308787
Project: Gowanda/23006923A

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2308787-001	MW-21	9/22/2023	1215
R2308787-002	G-1	9/21/2023	1235
R2308787-003	G-2	9/21/2023	1216
R2308787-004	G-3	9/22/2023	0921
R2308787-005	DR-1	9/21/2023	1445
R2308787-006	DR-2	9/21/2023	1342
R2308787-007	DR-3	9/21/2023	1327
R2308787-008	DR-4	9/21/2023	1302
R2308787-009	EB	9/22/2023	1136
R2308787-010	MW-X	9/22/2023	
R2308787-011	Trip Blank	9/22/2023	

Chain of Custody / Analytical Request Form

70789

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:

Company: Bergmann/CED
Contact: Justin L. Oberer
Email: Justin.OBerer@Colliers.com
Phone: 607-743-1412
Address: 280 E Broad St #200
Rochester, NY 14604

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Gowanda Q3 2023
Project Number: 230a723A
ALS Quote #: B-003961-23
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): (NY), MA, PA, CT, Other:

Preservative: 0. None | 1. HCl | 2. HNO3 | 3. H2SO4 | 4. NAOH | 5. Zn Acet. | 6. MeOH | 7. NaHSO4 | 8. Other

Matrix: GW, WW, SW, DW, S, L, NA

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-21	9/22/23	1215	GW	3		X							
	G-1	9/21/23	1235	GW	3		X							
	G-2	9/21/23	1216	GW	3		X							
	G-3	9/22/23	0921	GW	3		X							
	DR-1	9/21/23	1445	GW	3		X							
	DR-2	9/21/23	1342	GW	3		X							
	DR-3	9/21/23	1327	GW	3		X							
	DR-4	9/21/23	1302	GW	3		X							
	EB	9/22/23	1136	W	3		X							
	MW-X	9/22/23		GW	3		X							

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type:

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (□ Same as Report To)

PO #:
Company:
Contact:
Email:
Phone:
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Justin L. Ob	Randy Dick				
Company	Bergmann/CED	ALS				
Date/Time	9/23/23 1440	9/23/23 MP				

R2308787 5
Bergmann Associates, Incorporated
Gowanda

Distribution: White - Lab Copy; Yellow - Return to Originator

R2308787 5
Bergmann Associates, Incorporated
Gowanda

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 9/22/23 by: RR COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y (N) NA
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: (**Wet Ice**) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 9/22/23 Time: 1445 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Observed Temp (°C)	16.1						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) (Same Day Rule)

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: 340 by ER on 9/22/23 at 1455
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 9/22/23 Time: 1545 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? SS 9/22/23 YES (NO) *
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	23040119	2/26				

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 073123-3AXH

Explain all Discrepancies/ Other Comments:

* No sample time on label for MW-X (not on COC either)

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES

PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Bergmann Associates, Incorporated **Service Request:** R2308787
Project: Gowanda/23006923A

Sample Name: MW-21 **Date Collected:** 09/22/23
Lab Code: R2308787-001 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: G-1 **Date Collected:** 09/21/23
Lab Code: R2308787-002 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: G-2 **Date Collected:** 09/21/23
Lab Code: R2308787-003 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: G-3 **Date Collected:** 09/22/23
Lab Code: R2308787-004 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: DR-1 **Date Collected:** 09/21/23
Lab Code: R2308787-005 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client: Bergmann Associates, Incorporated **Service Request:** R2308787
Project: Gowanda/23006923A

Sample Name: DR-2 **Date Collected:** 09/21/23
Lab Code: R2308787-006 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: DR-3 **Date Collected:** 09/21/23
Lab Code: R2308787-007 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: DR-4 **Date Collected:** 09/21/23
Lab Code: R2308787-008 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: EB **Date Collected:** 09/22/23
Lab Code: R2308787-009 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-X **Date Collected:** 09/22/23
Lab Code: R2308787-010 **Date Received:** 09/22/23
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A		

Sample Name:	Trip Blank	**Date Collected:**	09/22/23
Lab Code:	R2308787-011	**Date Received:**	09/22/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

Sample Results

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 12:15
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-21	**Units:**	ug/L
Lab Code:	R2308787-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 05:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 05:00	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 05:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 05:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 05:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 05:00	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 05:00	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 05:00	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 05:00	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 05:00	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
1,4-Dioxane	100 U	100	1	10/04/23 05:00	
2-Butanone (MEK)	10 U	10	1	10/04/23 05:00	
2-Hexanone	10 U	10	1	10/04/23 05:00	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 05:00	
Acetone	10 U	10	1	10/04/23 05:00	
Benzene	5.0 U	5.0	1	10/04/23 05:00	
Bromochloromethane	5.0 U	5.0	1	10/04/23 05:00	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 05:00	
Bromoform	5.0 U	5.0	1	10/04/23 05:00	
Bromomethane	5.0 U	5.0	1	10/04/23 05:00	
Carbon Disulfide	10 U	10	1	10/04/23 05:00	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 05:00	
Chlorobenzene	5.0 U	5.0	1	10/04/23 05:00	
Chloroethane	5.0 U	5.0	1	10/04/23 05:00	
Chloroform	5.0 U	5.0	1	10/04/23 05:00	
Chloromethane	5.0 U	5.0	1	10/04/23 05:00	
Cyclohexane	10 U	10	1	10/04/23 05:00	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 05:00	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 05:00	
Dichloromethane	5.0 U	5.0	1	10/04/23 05:00	
Ethylbenzene	5.0 U	5.0	1	10/04/23 05:00	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 05:00	
Methyl Acetate	10 U	10	1	10/04/23 05:00	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 05:00	
Methylcyclohexane	10 U	10	1	10/04/23 05:00	
Styrene	5.0 U	5.0	1	10/04/23 05:00	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 05:00	
Toluene	5.0 U	5.0	1	10/04/23 05:00	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 12:15
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-21	**Units:**	ug/L
Lab Code:	R2308787-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 05:00	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 05:00	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 05:00	
cis-1,2-Dichloroethene	**23**	5.0	1	10/04/23 05:00	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:00	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 05:00	
o-Xylene	5.0 U	5.0	1	10/04/23 05:00	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 05:00	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/04/23 05:00	
Dibromofluoromethane	92	80 - 116	10/04/23 05:00	
Toluene-d8	100	87 - 121	10/04/23 05:00	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:35
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-1	**Units:**	ug/L
Lab Code:	R2308787-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 05:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 05:23	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 05:23	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 05:23	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 05:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 05:23	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 05:23	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 05:23	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 05:23	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 05:23	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
1,4-Dioxane	100 U	100	1	10/04/23 05:23	
2-Butanone (MEK)	10 U	10	1	10/04/23 05:23	
2-Hexanone	10 U	10	1	10/04/23 05:23	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 05:23	
Acetone	10 U	10	1	10/04/23 05:23	
Benzene	5.0 U	5.0	1	10/04/23 05:23	
Bromochloromethane	5.0 U	5.0	1	10/04/23 05:23	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 05:23	
Bromoform	5.0 U	5.0	1	10/04/23 05:23	
Bromomethane	5.0 U	5.0	1	10/04/23 05:23	
Carbon Disulfide	10 U	10	1	10/04/23 05:23	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 05:23	
Chlorobenzene	5.0 U	5.0	1	10/04/23 05:23	
Chloroethane	5.0 U	5.0	1	10/04/23 05:23	
Chloroform	5.0 U	5.0	1	10/04/23 05:23	
Chloromethane	5.0 U	5.0	1	10/04/23 05:23	
Cyclohexane	10 U	10	1	10/04/23 05:23	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 05:23	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 05:23	
Dichloromethane	5.0 U	5.0	1	10/04/23 05:23	
Ethylbenzene	5.0 U	5.0	1	10/04/23 05:23	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 05:23	
Methyl Acetate	10 U	10	1	10/04/23 05:23	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 05:23	
Methylcyclohexane	10 U	10	1	10/04/23 05:23	
Styrene	5.0 U	5.0	1	10/04/23 05:23	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 05:23	
Toluene	5.0 U	5.0	1	10/04/23 05:23	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:35
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-1	**Units:**	ug/L
Lab Code:	R2308787-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 05:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 05:23	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 05:23	
cis-1,2-Dichloroethene	**49**	5.0	1	10/04/23 05:23	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:23	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 05:23	
o-Xylene	5.0 U	5.0	1	10/04/23 05:23	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 05:23	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:23	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/04/23 05:23	
Dibromofluoromethane	88	80 - 116	10/04/23 05:23	
Toluene-d8	99	87 - 121	10/04/23 05:23	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:16
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-2	**Units:**	ug/L
Lab Code:	R2308787-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 05:46	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 05:46	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 05:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 05:46	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 05:46	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 05:46	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 05:46	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 05:46	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 05:46	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 05:46	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
1,4-Dioxane	100 U	100	1	10/04/23 05:46	
2-Butanone (MEK)	10 U	10	1	10/04/23 05:46	
2-Hexanone	10 U	10	1	10/04/23 05:46	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 05:46	
Acetone	10 U	10	1	10/04/23 05:46	
Benzene	5.0 U	5.0	1	10/04/23 05:46	
Bromochloromethane	5.0 U	5.0	1	10/04/23 05:46	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 05:46	
Bromoform	5.0 U	5.0	1	10/04/23 05:46	
Bromomethane	5.0 U	5.0	1	10/04/23 05:46	
Carbon Disulfide	10 U	10	1	10/04/23 05:46	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 05:46	
Chlorobenzene	5.0 U	5.0	1	10/04/23 05:46	
Chloroethane	5.0 U	5.0	1	10/04/23 05:46	
Chloroform	5.0 U	5.0	1	10/04/23 05:46	
Chloromethane	5.0 U	5.0	1	10/04/23 05:46	
Cyclohexane	10 U	10	1	10/04/23 05:46	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 05:46	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 05:46	
Dichloromethane	5.0 U	5.0	1	10/04/23 05:46	
Ethylbenzene	5.0 U	5.0	1	10/04/23 05:46	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 05:46	
Methyl Acetate	10 U	10	1	10/04/23 05:46	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 05:46	
Methylcyclohexane	10 U	10	1	10/04/23 05:46	
Styrene	5.0 U	5.0	1	10/04/23 05:46	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 05:46	
Toluene	5.0 U	5.0	1	10/04/23 05:46	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 12:16
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-2	**Units:**	ug/L
Lab Code:	R2308787-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 05:46	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 05:46	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 05:46	
cis-1,2-Dichloroethene	**50**	5.0	1	10/04/23 05:46	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:46	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 05:46	
o-Xylene	5.0 U	5.0	1	10/04/23 05:46	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 05:46	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 05:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	10/04/23 05:46	
Dibromofluoromethane	92	80 - 116	10/04/23 05:46	
Toluene-d8	100	87 - 121	10/04/23 05:46	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:21
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-3	**Units:**	ug/L
Lab Code:	R2308787-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 06:09	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 06:09	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 06:09	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 06:09	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 06:09	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 06:09	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 06:09	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 06:09	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 06:09	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 06:09	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
1,4-Dioxane	100 U	100	1	10/04/23 06:09	
2-Butanone (MEK)	10 U	10	1	10/04/23 06:09	
2-Hexanone	10 U	10	1	10/04/23 06:09	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 06:09	
Acetone	10 U	10	1	10/04/23 06:09	
Benzene	5.0 U	5.0	1	10/04/23 06:09	
Bromochloromethane	5.0 U	5.0	1	10/04/23 06:09	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 06:09	
Bromoform	5.0 U	5.0	1	10/04/23 06:09	
Bromomethane	5.0 U	5.0	1	10/04/23 06:09	
Carbon Disulfide	10 U	10	1	10/04/23 06:09	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 06:09	
Chlorobenzene	5.0 U	5.0	1	10/04/23 06:09	
Chloroethane	5.0 U	5.0	1	10/04/23 06:09	
Chloroform	5.0 U	5.0	1	10/04/23 06:09	
Chloromethane	5.0 U	5.0	1	10/04/23 06:09	
Cyclohexane	10 U	10	1	10/04/23 06:09	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 06:09	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 06:09	
Dichloromethane	5.0 U	5.0	1	10/04/23 06:09	
Ethylbenzene	5.0 U	5.0	1	10/04/23 06:09	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 06:09	
Methyl Acetate	10 U	10	1	10/04/23 06:09	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 06:09	
Methylcyclohexane	10 U	10	1	10/04/23 06:09	
Styrene	5.0 U	5.0	1	10/04/23 06:09	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 06:09	
Toluene	5.0 U	5.0	1	10/04/23 06:09	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 09:21
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	G-3	**Units:**	ug/L
Lab Code:	R2308787-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**16**	5.0	1	10/04/23 06:09	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 06:09	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 06:09	
cis-1,2-Dichloroethene	**140**	5.0	1	10/04/23 06:09	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:09	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 06:09	
o-Xylene	5.0 U	5.0	1	10/04/23 06:09	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 06:09	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:09	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/04/23 06:09	
Dibromofluoromethane	92	80 - 116	10/04/23 06:09	
Toluene-d8	101	87 - 121	10/04/23 06:09	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:45
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-1	**Units:**	ug/L
Lab Code:	R2308787-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 15:58	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 15:58	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 15:58	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 15:58	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 15:58	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 15:58	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 15:58	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 15:58	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 15:58	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 15:58	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
1,4-Dioxane	100 U	100	1	10/04/23 15:58	
2-Butanone (MEK)	10 U	10	1	10/04/23 15:58	
2-Hexanone	10 U	10	1	10/04/23 15:58	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 15:58	
Acetone	10 U	10	1	10/04/23 15:58	
Benzene	5.0 U	5.0	1	10/04/23 15:58	
Bromochloromethane	5.0 U	5.0	1	10/04/23 15:58	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 15:58	
Bromoform	5.0 U	5.0	1	10/04/23 15:58	
Bromomethane	5.0 U	5.0	1	10/04/23 15:58	
Carbon Disulfide	10 U	10	1	10/04/23 15:58	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 15:58	
Chlorobenzene	5.0 U	5.0	1	10/04/23 15:58	
Chloroethane	5.0 U	5.0	1	10/04/23 15:58	
Chloroform	5.0 U	5.0	1	10/04/23 15:58	
Chloromethane	5.0 U	5.0	1	10/04/23 15:58	
Cyclohexane	10 U	10	1	10/04/23 15:58	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 15:58	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 15:58	
Dichloromethane	5.0 U	5.0	1	10/04/23 15:58	
Ethylbenzene	5.0 U	5.0	1	10/04/23 15:58	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 15:58	
Methyl Acetate	10 U	10	1	10/04/23 15:58	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 15:58	
Methylcyclohexane	10 U	10	1	10/04/23 15:58	
Styrene	5.0 U	5.0	1	10/04/23 15:58	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 15:58	
Toluene	5.0 U	5.0	1	10/04/23 15:58	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 14:45
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-1	**Units:**	ug/L
Lab Code:	R2308787-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**86**	5.0	1	10/04/23 15:58	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 15:58	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 15:58	
cis-1,2-Dichloroethene	**15**	5.0	1	10/04/23 15:58	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 15:58	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 15:58	
o-Xylene	5.0 U	5.0	1	10/04/23 15:58	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 15:58	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 15:58	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/04/23 15:58	
Dibromofluoromethane	91	80 - 116	10/04/23 15:58	
Toluene-d8	102	87 - 121	10/04/23 15:58	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:42
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-2	**Units:**	ug/L
Lab Code:	R2308787-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 06:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 06:32	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 06:32	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 06:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 06:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 06:32	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 06:32	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 06:32	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 06:32	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 06:32	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
1,4-Dioxane	100 U	100	1	10/04/23 06:32	
2-Butanone (MEK)	10 U	10	1	10/04/23 06:32	
2-Hexanone	10 U	10	1	10/04/23 06:32	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 06:32	
Acetone	10 U	10	1	10/04/23 06:32	
Benzene	5.0 U	5.0	1	10/04/23 06:32	
Bromochloromethane	5.0 U	5.0	1	10/04/23 06:32	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 06:32	
Bromoform	5.0 U	5.0	1	10/04/23 06:32	
Bromomethane	5.0 U	5.0	1	10/04/23 06:32	
Carbon Disulfide	10 U	10	1	10/04/23 06:32	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 06:32	
Chlorobenzene	5.0 U	5.0	1	10/04/23 06:32	
Chloroethane	5.0 U	5.0	1	10/04/23 06:32	
Chloroform	5.0 U	5.0	1	10/04/23 06:32	
Chloromethane	5.0 U	5.0	1	10/04/23 06:32	
Cyclohexane	10 U	10	1	10/04/23 06:32	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 06:32	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 06:32	
Dichloromethane	5.0 U	5.0	1	10/04/23 06:32	
Ethylbenzene	5.0 U	5.0	1	10/04/23 06:32	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 06:32	
Methyl Acetate	10 U	10	1	10/04/23 06:32	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 06:32	
Methylcyclohexane	10 U	10	1	10/04/23 06:32	
Styrene	5.0 U	5.0	1	10/04/23 06:32	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 06:32	
Toluene	5.0 U	5.0	1	10/04/23 06:32	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:42
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-2	**Units:**	ug/L
Lab Code:	R2308787-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**15**	5.0	1	10/04/23 06:32	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 06:32	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 06:32	
cis-1,2-Dichloroethene	**95**	5.0	1	10/04/23 06:32	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:32	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 06:32	
o-Xylene	5.0 U	5.0	1	10/04/23 06:32	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 06:32	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:32	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/04/23 06:32	
Dibromofluoromethane	90	80 - 116	10/04/23 06:32	
Toluene-d8	100	87 - 121	10/04/23 06:32	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:27
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-3	**Units:**	ug/L
Lab Code:	R2308787-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 06:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 06:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 06:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 06:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 06:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 06:55	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 06:55	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 06:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 06:55	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 06:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
1,4-Dioxane	100 U	100	1	10/04/23 06:55	
2-Butanone (MEK)	10 U	10	1	10/04/23 06:55	
2-Hexanone	10 U	10	1	10/04/23 06:55	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 06:55	
Acetone	10 U	10	1	10/04/23 06:55	
Benzene	5.0 U	5.0	1	10/04/23 06:55	
Bromochloromethane	5.0 U	5.0	1	10/04/23 06:55	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 06:55	
Bromoform	5.0 U	5.0	1	10/04/23 06:55	
Bromomethane	5.0 U	5.0	1	10/04/23 06:55	
Carbon Disulfide	10 U	10	1	10/04/23 06:55	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 06:55	
Chlorobenzene	5.0 U	5.0	1	10/04/23 06:55	
Chloroethane	5.0 U	5.0	1	10/04/23 06:55	
Chloroform	5.0 U	5.0	1	10/04/23 06:55	
Chloromethane	5.0 U	5.0	1	10/04/23 06:55	
Cyclohexane	10 U	10	1	10/04/23 06:55	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 06:55	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 06:55	
Dichloromethane	5.0 U	5.0	1	10/04/23 06:55	
Ethylbenzene	5.0 U	5.0	1	10/04/23 06:55	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 06:55	
Methyl Acetate	10 U	10	1	10/04/23 06:55	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 06:55	
Methylcyclohexane	10 U	10	1	10/04/23 06:55	
Styrene	5.0 U	5.0	1	10/04/23 06:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 06:55	
Toluene	5.0 U	5.0	1	10/04/23 06:55	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:27
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-3	**Units:**	ug/L
Lab Code:	R2308787-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**23**	5.0	1	10/04/23 06:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 06:55	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 06:55	
cis-1,2-Dichloroethene	**47**	5.0	1	10/04/23 06:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:55	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 06:55	
o-Xylene	5.0 U	5.0	1	10/04/23 06:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 06:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 06:55	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/04/23 06:55	
Dibromofluoromethane	90	80 - 116	10/04/23 06:55	
Toluene-d8	99	87 - 121	10/04/23 06:55	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:02
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-4	**Units:**	ug/L
Lab Code:	R2308787-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 07:18	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 07:18	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 07:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 07:18	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 07:18	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 07:18	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 07:18	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 07:18	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 07:18	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 07:18	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
1,4-Dioxane	100 U	100	1	10/04/23 07:18	
2-Butanone (MEK)	10 U	10	1	10/04/23 07:18	
2-Hexanone	10 U	10	1	10/04/23 07:18	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 07:18	
Acetone	10 U	10	1	10/04/23 07:18	
Benzene	5.0 U	5.0	1	10/04/23 07:18	
Bromochloromethane	5.0 U	5.0	1	10/04/23 07:18	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 07:18	
Bromoform	5.0 U	5.0	1	10/04/23 07:18	
Bromomethane	5.0 U	5.0	1	10/04/23 07:18	
Carbon Disulfide	10 U	10	1	10/04/23 07:18	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 07:18	
Chlorobenzene	5.0 U	5.0	1	10/04/23 07:18	
Chloroethane	5.0 U	5.0	1	10/04/23 07:18	
Chloroform	5.0 U	5.0	1	10/04/23 07:18	
Chloromethane	5.0 U	5.0	1	10/04/23 07:18	
Cyclohexane	10 U	10	1	10/04/23 07:18	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 07:18	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 07:18	
Dichloromethane	5.0 U	5.0	1	10/04/23 07:18	
Ethylbenzene	5.0 U	5.0	1	10/04/23 07:18	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 07:18	
Methyl Acetate	10 U	10	1	10/04/23 07:18	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 07:18	
Methylcyclohexane	10 U	10	1	10/04/23 07:18	
Styrene	5.0 U	5.0	1	10/04/23 07:18	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 07:18	
Toluene	5.0 U	5.0	1	10/04/23 07:18	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/21/23 13:02
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	DR-4	**Units:**	ug/L
Lab Code:	R2308787-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**17**	5.0	1	10/04/23 07:18	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 07:18	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 07:18	
cis-1,2-Dichloroethene	**8.2**	5.0	1	10/04/23 07:18	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 07:18	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 07:18	
o-Xylene	5.0 U	5.0	1	10/04/23 07:18	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 07:18	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 07:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/04/23 07:18	
Dibromofluoromethane	90	80 - 116	10/04/23 07:18	
Toluene-d8	100	87 - 121	10/04/23 07:18	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:36
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	EB	**Units:**	ug/L
Lab Code:	R2308787-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 07:41	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 07:41	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 07:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 07:41	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 07:41	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 07:41	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 07:41	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 07:41	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 07:41	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 07:41	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
1,4-Dioxane	100 U	100	1	10/04/23 07:41	
2-Butanone (MEK)	10 U	10	1	10/04/23 07:41	
2-Hexanone	10 U	10	1	10/04/23 07:41	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 07:41	
Acetone	10 U	10	1	10/04/23 07:41	
Benzene	5.0 U	5.0	1	10/04/23 07:41	
Bromochloromethane	5.0 U	5.0	1	10/04/23 07:41	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 07:41	
Bromoform	5.0 U	5.0	1	10/04/23 07:41	
Bromomethane	5.0 U	5.0	1	10/04/23 07:41	
Carbon Disulfide	10 U	10	1	10/04/23 07:41	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 07:41	
Chlorobenzene	5.0 U	5.0	1	10/04/23 07:41	
Chloroethane	5.0 U	5.0	1	10/04/23 07:41	
Chloroform	5.0 U	5.0	1	10/04/23 07:41	
Chloromethane	5.0 U	5.0	1	10/04/23 07:41	
Cyclohexane	10 U	10	1	10/04/23 07:41	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 07:41	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 07:41	
Dichloromethane	5.0 U	5.0	1	10/04/23 07:41	
Ethylbenzene	5.0 U	5.0	1	10/04/23 07:41	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 07:41	
Methyl Acetate	10 U	10	1	10/04/23 07:41	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 07:41	
Methylcyclohexane	10 U	10	1	10/04/23 07:41	
Styrene	5.0 U	5.0	1	10/04/23 07:41	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 07:41	
Toluene	5.0 U	5.0	1	10/04/23 07:41	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23 11:36
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	EB	**Units:**	ug/L
Lab Code:	R2308787-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 07:41	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 07:41	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 07:41	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 07:41	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 07:41	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 07:41	
o-Xylene	5.0 U	5.0	1	10/04/23 07:41	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 07:41	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 07:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/04/23 07:41	
Dibromofluoromethane	90	80 - 116	10/04/23 07:41	
Toluene-d8	101	87 - 121	10/04/23 07:41	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-X	**Units:**	ug/L
Lab Code:	R2308787-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 08:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 08:04	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 08:04	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 08:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 08:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 08:04	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 08:04	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 08:04	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 08:04	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 08:04	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
1,4-Dioxane	100 U	100	1	10/04/23 08:04	
2-Butanone (MEK)	10 U	10	1	10/04/23 08:04	
2-Hexanone	10 U	10	1	10/04/23 08:04	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 08:04	
Acetone	10 U	10	1	10/04/23 08:04	
Benzene	5.0 U	5.0	1	10/04/23 08:04	
Bromochloromethane	5.0 U	5.0	1	10/04/23 08:04	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 08:04	
Bromoform	5.0 U	5.0	1	10/04/23 08:04	
Bromomethane	5.0 U	5.0	1	10/04/23 08:04	
Carbon Disulfide	10 U	10	1	10/04/23 08:04	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 08:04	
Chlorobenzene	5.0 U	5.0	1	10/04/23 08:04	
Chloroethane	5.0 U	5.0	1	10/04/23 08:04	
Chloroform	5.0 U	5.0	1	10/04/23 08:04	
Chloromethane	5.0 U	5.0	1	10/04/23 08:04	
Cyclohexane	10 U	10	1	10/04/23 08:04	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 08:04	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 08:04	
Dichloromethane	5.0 U	5.0	1	10/04/23 08:04	
Ethylbenzene	5.0 U	5.0	1	10/04/23 08:04	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 08:04	
Methyl Acetate	10 U	10	1	10/04/23 08:04	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 08:04	
Methylcyclohexane	10 U	10	1	10/04/23 08:04	
Styrene	5.0 U	5.0	1	10/04/23 08:04	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 08:04	
Toluene	5.0 U	5.0	1	10/04/23 08:04	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	MW-X	**Units:**	ug/L
Lab Code:	R2308787-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 08:04	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 08:04	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 08:04	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 08:04	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 08:04	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 08:04	
o-Xylene	5.0 U	5.0	1	10/04/23 08:04	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 08:04	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 08:04	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	10/04/23 08:04	
Dibromofluoromethane	91	80 - 116	10/04/23 08:04	
Toluene-d8	101	87 - 121	10/04/23 08:04	

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2308787-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 19:25	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 19:25	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 19:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 19:25	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 19:25	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 19:25	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 19:25	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 19:25	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 19:25	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 19:25	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
1,4-Dioxane	100 U	100	1	10/03/23 19:25	
2-Butanone (MEK)	10 U	10	1	10/03/23 19:25	
2-Hexanone	10 U	10	1	10/03/23 19:25	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 19:25	
Acetone	10 U	10	1	10/03/23 19:25	
Benzene	5.0 U	5.0	1	10/03/23 19:25	
Bromochloromethane	5.0 U	5.0	1	10/03/23 19:25	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 19:25	
Bromoform	5.0 U	5.0	1	10/03/23 19:25	
Bromomethane	5.0 U	5.0	1	10/03/23 19:25	
Carbon Disulfide	10 U	10	1	10/03/23 19:25	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 19:25	
Chlorobenzene	5.0 U	5.0	1	10/03/23 19:25	
Chloroethane	5.0 U	5.0	1	10/03/23 19:25	
Chloroform	5.0 U	5.0	1	10/03/23 19:25	
Chloromethane	5.0 U	5.0	1	10/03/23 19:25	
Cyclohexane	10 U	10	1	10/03/23 19:25	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 19:25	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 19:25	
Dichloromethane	5.0 U	5.0	1	10/03/23 19:25	
Ethylbenzene	5.0 U	5.0	1	10/03/23 19:25	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 19:25	
Methyl Acetate	10 U	10	1	10/03/23 19:25	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 19:25	
Methylcyclohexane	10 U	10	1	10/03/23 19:25	
Styrene	5.0 U	5.0	1	10/03/23 19:25	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 19:25	
Toluene	5.0 U	5.0	1	10/03/23 19:25	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	09/22/23
Sample Matrix:	Water	**Date Received:**	09/22/23 14:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2308787-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 19:25	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 19:25	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 19:25	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 19:25	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 19:25	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 19:25	
o-Xylene	5.0 U	5.0	1	10/03/23 19:25	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 19:25	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 19:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/03/23 19:25	
Dibromofluoromethane	89	80 - 116	10/03/23 19:25	
Toluene-d8	98	87 - 121	10/03/23 19:25	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Bergmann Associates, Incorporated **Service Request:** R2308787
Project: Gowanda/23006923A
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-21	R2308787-001	89	92	100
G-1	R2308787-002	97	88	99
G-2	R2308787-003	91	92	100
G-3	R2308787-004	92	92	101
DR-1	R2308787-005	96	91	102
DR-2	R2308787-006	95	90	100
DR-3	R2308787-007	90	90	99
DR-4	R2308787-008	93	90	100
EB	R2308787-009	92	90	101
MW-X	R2308787-010	91	91	101
Trip Blank	R2308787-011	90	89	98
Lab Control Sample	RQ2312923-03	95	93	100
Method Blank	RQ2312923-04	88	88	98
Lab Control Sample	RQ2312944-03	99	95	102
Duplicate Lab Control Sample	RQ2312944-04	96	95	101
Method Blank	RQ2312944-05	92	90	99
Lab Control Sample	RQ2312979-04	99	97	101
Method Blank	RQ2312979-06	95	89	100

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312923-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/03/23 13:20	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/03/23 13:20	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/03/23 13:20	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/03/23 13:20	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dibromoethane	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichloroethane	5.0 U	5.0	1	10/03/23 13:20	
1,2-Dichloropropane	5.0 U	5.0	1	10/03/23 13:20	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
1,4-Dioxane	100 U	100	1	10/03/23 13:20	
2-Butanone (MEK)	10 U	10	1	10/03/23 13:20	
2-Hexanone	10 U	10	1	10/03/23 13:20	
4-Methyl-2-pentanone	10 U	10	1	10/03/23 13:20	
Acetone	10 U	10	1	10/03/23 13:20	
Benzene	5.0 U	5.0	1	10/03/23 13:20	
Bromochloromethane	5.0 U	5.0	1	10/03/23 13:20	
Bromodichloromethane	5.0 U	5.0	1	10/03/23 13:20	
Bromoform	5.0 U	5.0	1	10/03/23 13:20	
Bromomethane	5.0 U	5.0	1	10/03/23 13:20	
Carbon Disulfide	10 U	10	1	10/03/23 13:20	
Carbon Tetrachloride	5.0 U	5.0	1	10/03/23 13:20	
Chlorobenzene	5.0 U	5.0	1	10/03/23 13:20	
Chloroethane	5.0 U	5.0	1	10/03/23 13:20	
Chloroform	5.0 U	5.0	1	10/03/23 13:20	
Chloromethane	5.0 U	5.0	1	10/03/23 13:20	
Cyclohexane	10 U	10	1	10/03/23 13:20	
Dibromochloromethane	5.0 U	5.0	1	10/03/23 13:20	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/03/23 13:20	
Dichloromethane	5.0 U	5.0	1	10/03/23 13:20	
Ethylbenzene	5.0 U	5.0	1	10/03/23 13:20	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/03/23 13:20	
Methyl Acetate	10 U	10	1	10/03/23 13:20	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/03/23 13:20	
Methylcyclohexane	10 U	10	1	10/03/23 13:20	
Styrene	5.0 U	5.0	1	10/03/23 13:20	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/03/23 13:20	
Toluene	5.0 U	5.0	1	10/03/23 13:20	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312923-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/03/23 13:20	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/03/23 13:20	
Vinyl Chloride	5.0 U	5.0	1	10/03/23 13:20	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 13:20	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 13:20	
m,p-Xylenes	5.0 U	5.0	1	10/03/23 13:20	
o-Xylene	5.0 U	5.0	1	10/03/23 13:20	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/03/23 13:20	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/03/23 13:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	88	85 - 122	10/03/23 13:20	
Dibromofluoromethane	88	80 - 116	10/03/23 13:20	
Toluene-d8	98	87 - 121	10/03/23 13:20	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312944-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 00:47	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 00:47	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 00:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 00:47	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 00:47	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 00:47	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 00:47	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 00:47	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 00:47	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 00:47	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
1,4-Dioxane	100 U	100	1	10/04/23 00:47	
2-Butanone (MEK)	10 U	10	1	10/04/23 00:47	
2-Hexanone	10 U	10	1	10/04/23 00:47	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 00:47	
Acetone	10 U	10	1	10/04/23 00:47	
Benzene	5.0 U	5.0	1	10/04/23 00:47	
Bromochloromethane	5.0 U	5.0	1	10/04/23 00:47	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 00:47	
Bromoform	5.0 U	5.0	1	10/04/23 00:47	
Bromomethane	5.0 U	5.0	1	10/04/23 00:47	
Carbon Disulfide	10 U	10	1	10/04/23 00:47	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 00:47	
Chlorobenzene	5.0 U	5.0	1	10/04/23 00:47	
Chloroethane	5.0 U	5.0	1	10/04/23 00:47	
Chloroform	5.0 U	5.0	1	10/04/23 00:47	
Chloromethane	5.0 U	5.0	1	10/04/23 00:47	
Cyclohexane	10 U	10	1	10/04/23 00:47	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 00:47	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 00:47	
Dichloromethane	5.0 U	5.0	1	10/04/23 00:47	
Ethylbenzene	5.0 U	5.0	1	10/04/23 00:47	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 00:47	
Methyl Acetate	10 U	10	1	10/04/23 00:47	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 00:47	
Methylcyclohexane	10 U	10	1	10/04/23 00:47	
Styrene	5.0 U	5.0	1	10/04/23 00:47	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 00:47	
Toluene	5.0 U	5.0	1	10/04/23 00:47	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312944-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 00:47	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 00:47	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 00:47	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 00:47	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 00:47	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 00:47	
o-Xylene	5.0 U	5.0	1	10/04/23 00:47	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 00:47	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 00:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/04/23 00:47	
Dibromofluoromethane	90	80 - 116	10/04/23 00:47	
Toluene-d8	99	87 - 121	10/04/23 00:47	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312979-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	10/04/23 12:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	10/04/23 12:45	
1,1,2-Trichloroethane	5.0 U	5.0	1	10/04/23 12:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1	10/04/23 12:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	10/04/23 12:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	10/04/23 12:45	
1,2,3-Trichlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
1,2,4-Trichlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1	10/04/23 12:45	
1,2-Dibromoethane	5.0 U	5.0	1	10/04/23 12:45	
1,2-Dichlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
1,2-Dichloroethane	5.0 U	5.0	1	10/04/23 12:45	
1,2-Dichloropropane	5.0 U	5.0	1	10/04/23 12:45	
1,3-Dichlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
1,4-Dichlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
1,4-Dioxane	100 U	100	1	10/04/23 12:45	
2-Butanone (MEK)	10 U	10	1	10/04/23 12:45	
2-Hexanone	10 U	10	1	10/04/23 12:45	
4-Methyl-2-pentanone	10 U	10	1	10/04/23 12:45	
Acetone	10 U	10	1	10/04/23 12:45	
Benzene	5.0 U	5.0	1	10/04/23 12:45	
Bromochloromethane	5.0 U	5.0	1	10/04/23 12:45	
Bromodichloromethane	5.0 U	5.0	1	10/04/23 12:45	
Bromoform	5.0 U	5.0	1	10/04/23 12:45	
Bromomethane	5.0 U	5.0	1	10/04/23 12:45	
Carbon Disulfide	10 U	10	1	10/04/23 12:45	
Carbon Tetrachloride	5.0 U	5.0	1	10/04/23 12:45	
Chlorobenzene	5.0 U	5.0	1	10/04/23 12:45	
Chloroethane	5.0 U	5.0	1	10/04/23 12:45	
Chloroform	5.0 U	5.0	1	10/04/23 12:45	
Chloromethane	5.0 U	5.0	1	10/04/23 12:45	
Cyclohexane	10 U	10	1	10/04/23 12:45	
Dibromochloromethane	5.0 U	5.0	1	10/04/23 12:45	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1	10/04/23 12:45	
Dichloromethane	5.0 U	5.0	1	10/04/23 12:45	
Ethylbenzene	5.0 U	5.0	1	10/04/23 12:45	
Isopropylbenzene (Cumene)	5.0 U	5.0	1	10/04/23 12:45	
Methyl Acetate	10 U	10	1	10/04/23 12:45	
Methyl tert-Butyl Ether	5.0 U	5.0	1	10/04/23 12:45	
Methylcyclohexane	10 U	10	1	10/04/23 12:45	
Styrene	5.0 U	5.0	1	10/04/23 12:45	
Tetrachloroethene (PCE)	5.0 U	5.0	1	10/04/23 12:45	
Toluene	5.0 U	5.0	1	10/04/23 12:45	

Analytical Report

Client:	Bergmann Associates, Incorporated	**Service Request:**	R2308787
Project:	Gowanda/23006923A	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2312979-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1	10/04/23 12:45	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	10/04/23 12:45	
Vinyl Chloride	5.0 U	5.0	1	10/04/23 12:45	
cis-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 12:45	
cis-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 12:45	
m,p-Xylenes	5.0 U	5.0	1	10/04/23 12:45	
o-Xylene	5.0 U	5.0	1	10/04/23 12:45	
trans-1,2-Dichloroethene	5.0 U	5.0	1	10/04/23 12:45	
trans-1,3-Dichloropropene	5.0 U	5.0	1	10/04/23 12:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/04/23 12:45	
Dibromofluoromethane	89	80 - 116	10/04/23 12:45	
Toluene-d8	100	87 - 121	10/04/23 12:45	

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312923-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.0	20.0	85	75-125
1,1,2,2-Tetrachloroethane	8260C	18.4	20.0	92	78-126
1,1,2-Trichloroethane	8260C	18.1	20.0	90	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	17.7	20.0	88	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.0	20.0	105	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	16.8	20.0	84	69-142
1,2,3-Trichlorobenzene	8260C	17.1	20.0	86	67-136
1,2,4-Trichlorobenzene	8260C	16.9	20.0	85	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	13.9	20.0	69	55-136
1,2-Dibromoethane	8260C	17.7	20.0	89	82-127
1,2-Dichlorobenzene	8260C	17.5	20.0	88	80-119
1,2-Dichloroethane	8260C	19.1	20.0	95	71-127
1,2-Dichloropropane	8260C	19.6	20.0	98	80-119
1,3-Dichlorobenzene	8260C	17.8	20.0	89	83-121
1,4-Dichlorobenzene	8260C	17.5	20.0	88	79-119
1,4-Dioxane	8260C	325	400	81	44-154
2-Butanone (MEK)	8260C	18.6	20.0	93	61-137
2-Hexanone	8260C	20.0	20.0	100	63-124
4-Methyl-2-pentanone	8260C	21.2	20.0	106	66-124
Acetone	8260C	15.9	20.0	80	40-161
Benzene	8260C	19.1	20.0	96	79-119
Bromochloromethane	8260C	18.6	20.0	93	81-126
Bromodichloromethane	8260C	16.1	20.0	80 *	81-123
Bromoform	8260C	13.7	20.0	68	65-146
Bromomethane	8260C	16.5	20.0	83	42-166
Carbon Disulfide	8260C	19.3	20.0	96	66-128
Carbon Tetrachloride	8260C	16.5	20.0	83	70-127
Chlorobenzene	8260C	17.9	20.0	90	80-121
Chloroethane	8260C	15.6	20.0	78	62-131
Chloroform	8260C	18.6	20.0	93	79-120
Chloromethane	8260C	18.7	20.0	93	72-179
Cyclohexane	8260C	20.9	20.0	104	69-120
Dibromochloromethane	8260C	15.0	20.0	75	72-128

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/03/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312923-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	12.9	20.0	64	59-155
Dichloromethane	8260C	18.4	20.0	92	73-122
Ethylbenzene	8260C	17.7	20.0	89	76-120
Isopropylbenzene (Cumene)	8260C	18.6	20.0	93	77-128
Methyl Acetate	8260C	15.0	20.0	75	61-133
Methyl tert-Butyl Ether	8260C	18.8	20.0	94	75-118
Methylcyclohexane	8260C	21.0	20.0	105	51-129
Styrene	8260C	17.9	20.0	90	80-124
Tetrachloroethene (PCE)	8260C	17.5	20.0	88	72-125
Toluene	8260C	18.7	20.0	93	79-119
Trichloroethene (TCE)	8260C	17.1	20.0	86	74-122
Trichlorofluoromethane (CFC 11)	8260C	17.4	20.0	87	71-136
Vinyl Chloride	8260C	15.1	20.0	76	74-159
cis-1,2-Dichloroethene	8260C	18.5	20.0	93	80-121
cis-1,3-Dichloropropene	8260C	18.3	20.0	92	77-122
m,p-Xylenes	8260C	35.6	40.0	89	80-126
o-Xylene	8260C	17.9	20.0	90	79-123
trans-1,2-Dichloroethene	8260C	17.7	20.0	88	73-118
trans-1,3-Dichloropropene	8260C	18.6	20.0	93	71-133

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/04/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312979-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.3	20.0	96	75-125
1,1,2,2-Tetrachloroethane	8260C	20.0	20.0	100	78-126
1,1,2-Trichloroethane	8260C	20.0	20.0	100	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.8	20.0	99	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	23.0	20.0	115	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.2	20.0	96	69-142
1,2,3-Trichlorobenzene	8260C	17.9	20.0	90	67-136
1,2,4-Trichlorobenzene	8260C	18.1	20.0	90	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.3	20.0	76	55-136
1,2-Dibromoethane	8260C	19.3	20.0	96	82-127
1,2-Dichlorobenzene	8260C	18.5	20.0	93	80-119
1,2-Dichloroethane	8260C	21.3	20.0	107	71-127
1,2-Dichloropropane	8260C	21.8	20.0	109	80-119
1,3-Dichlorobenzene	8260C	18.4	20.0	92	83-121
1,4-Dichlorobenzene	8260C	18.7	20.0	94	79-119
1,4-Dioxane	8260C	423	400	106	44-154
2-Butanone (MEK)	8260C	19.1	20.0	96	61-137
2-Hexanone	8260C	20.4	20.0	102	63-124
4-Methyl-2-pentanone	8260C	21.3	20.0	107	66-124
Acetone	8260C	16.5	20.0	83	40-161
Benzene	8260C	21.7	20.0	109	79-119
Bromochloromethane	8260C	20.1	20.0	101	81-126
Bromodichloromethane	8260C	17.5	20.0	87	81-123
Bromoform	8260C	14.8	20.0	74	65-146
Bromomethane	8260C	18.9	20.0	94	42-166
Carbon Disulfide	8260C	18.4	20.0	92	66-128
Carbon Tetrachloride	8260C	18.5	20.0	93	70-127
Chlorobenzene	8260C	19.8	20.0	99	80-121
Chloroethane	8260C	17.8	20.0	89	62-131
Chloroform	8260C	20.3	20.0	102	79-120
Chloromethane	8260C	21.1	20.0	106	72-179
Cyclohexane	8260C	21.3	20.0	107	69-120
Dibromochloromethane	8260C	16.5	20.0	83	72-128

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/04/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2312979-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	14.2	20.0	71	59-155
Dichloromethane	8260C	20.5	20.0	103	73-122
Ethylbenzene	8260C	19.7	20.0	99	76-120
Isopropylbenzene (Cumene)	8260C	20.2	20.0	101	77-128
Methyl Acetate	8260C	16.2	20.0	81	61-133
Methyl tert-Butyl Ether	8260C	21.1	20.0	106	75-118
Methylcyclohexane	8260C	21.6	20.0	108	51-129
Styrene	8260C	19.7	20.0	99	80-124
Tetrachloroethene (PCE)	8260C	19.5	20.0	97	72-125
Toluene	8260C	20.9	20.0	104	79-119
Trichloroethene (TCE)	8260C	18.8	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.2	20.0	96	71-136
Vinyl Chloride	8260C	17.3	20.0	86	74-159
cis-1,2-Dichloroethene	8260C	20.5	20.0	102	80-121
cis-1,3-Dichloropropene	8260C	20.1	20.0	101	77-122
m,p-Xylenes	8260C	39.4	40.0	99	80-126
o-Xylene	8260C	19.4	20.0	97	79-123
trans-1,2-Dichloroethene	8260C	19.9	20.0	100	73-118
trans-1,3-Dichloropropene	8260C	20.2	20.0	101	71-133

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/03/23

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2312944-03			RQ2312944-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	8260C	18.4	20.0	92	19.0	20.0	95	75-125	3	30
1,1,2,2-Tetrachloroethane	8260C	19.5	20.0	97	20.8	20.0	104	78-126	7	30
1,1,2-Trichloroethane	8260C	18.8	20.0	94	19.8	20.0	99	82-121	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	17.9	20.0	89	18.9	20.0	94	67-124	5	30
1,1-Dichloroethane (1,1-DCA)	8260C	22.2	20.0	111	22.3	20.0	112	80-124	<1	30
1,1-Dichloroethene (1,1-DCE)	8260C	18.1	20.0	91	18.5	20.0	93	69-142	2	30
1,2,3-Trichlorobenzene	8260C	17.3	20.0	86	18.1	20.0	90	67-136	4	30
1,2,4-Trichlorobenzene	8260C	17.1	20.0	86	18.1	20.0	91	75-132	5	30
1,2-Dibromo-3-chloropropane (DBCP)	8260C	14.9	20.0	74	16.3	20.0	81	55-136	9	30
1,2-Dibromoethane	8260C	18.0	20.0	90	19.3	20.0	97	82-127	7	30
1,2-Dichlorobenzene	8260C	18.1	20.0	91	19.1	20.0	95	80-119	5	30
1,2-Dichloroethane	8260C	20.0	20.0	100	21.2	20.0	106	71-127	6	30
1,2-Dichloropropane	8260C	20.7	20.0	103	21.8	20.0	109	80-119	6	30
1,3-Dichlorobenzene	8260C	18.2	20.0	91	18.8	20.0	94	83-121	4	30
1,4-Dichlorobenzene	8260C	18.0	20.0	90	19.1	20.0	95	79-119	6	30
1,4-Dioxane	8260C	345	400	86	396	400	99	44-154	14	30
2-Butanone (MEK)	8260C	19.1	20.0	95	20.3	20.0	102	61-137	6	30
2-Hexanone	8260C	20.3	20.0	102	21.4	20.0	107	63-124	5	30
4-Methyl-2-pentanone	8260C	21.2	20.0	106	22.2	20.0	111	66-124	5	30
Acetone	8260C	16.8	20.0	84	17.5	20.0	88	40-161	4	30
Benzene	8260C	20.4	20.0	102	21.3	20.0	106	79-119	4	30
Bromochloromethane	8260C	19.2	20.0	96	20.0	20.0	100	81-126	4	30
Bromodichloromethane	8260C	16.9	20.0	84	17.5	20.0	88	81-123	4	30
Bromoform	8260C	14.1	20.0	71	15.2	20.0	76	65-146	7	30
Bromomethane	8260C	17.4	20.0	87	17.8	20.0	89	42-166	2	30
Carbon Disulfide	8260C	19.0	20.0	95	19.3	20.0	97	66-128	1	30
Carbon Tetrachloride	8260C	17.6	20.0	88	18.5	20.0	92	70-127	5	30
Chlorobenzene	8260C	18.6	20.0	93	19.7	20.0	98	80-121	6	30
Chloroethane	8260C	19.8	20.0	99	20.4	20.0	102	62-131	3	30
Chloroform	8260C	19.6	20.0	98	20.3	20.0	102	79-120	4	30
Chloromethane	8260C	19.5	20.0	98	20.5	20.0	103	72-179	5	30
Cyclohexane	8260C	20.9	20.0	104	20.6	20.0	103	69-120	1	30
Dibromochloromethane	8260C	15.7	20.0	78	16.5	20.0	83	72-128	5	30

Client: Bergmann Associates, Incorporated
Project: Gowanda/23006923A
Sample Matrix: Water

Service Request: R2308787
Date Analyzed: 10/03/23

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2312944-03			RQ2312944-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	8260C	13.6	20.0	68	13.9	20.0	70	59-155	2	30
Dichloromethane	8260C	19.2	20.0	96	20.1	20.0	100	73-122	4	30
Ethylbenzene	8260C	18.7	20.0	93	19.8	20.0	99	76-120	6	30
Isopropylbenzene (Cumene)	8260C	19.3	20.0	96	20.2	20.0	101	77-128	5	30
Methyl Acetate	8260C	15.1	20.0	75	15.8	20.0	79	61-133	5	30
Methyl tert-Butyl Ether	8260C	19.8	20.0	99	20.8	20.0	104	75-118	5	30
Methylcyclohexane	8260C	20.6	20.0	103	20.0	20.0	100	51-129	3	30
Styrene	8260C	18.9	20.0	94	19.8	20.0	99	80-124	5	30
Tetrachloroethene (PCE)	8260C	17.7	20.0	89	18.7	20.0	93	72-125	5	30
Toluene	8260C	19.5	20.0	97	20.5	20.0	103	79-119	5	30
Trichloroethene (TCE)	8260C	17.6	20.0	88	18.5	20.0	93	74-122	5	30
Trichlorofluoromethane (CFC 11)	8260C	18.3	20.0	91	18.8	20.0	94	71-136	3	30
Vinyl Chloride	8260C	16.9	20.0	84	17.1	20.0	85	74-159	1	30
cis-1,2-Dichloroethene	8260C	19.2	20.0	96	19.8	20.0	99	80-121	3	30
cis-1,3-Dichloropropene	8260C	18.8	20.0	94	19.8	20.0	99	77-122	5	30
m,p-Xylenes	8260C	37.6	40.0	94	39.0	40.0	98	80-126	4	30
o-Xylene	8260C	18.2	20.0	91	19.5	20.0	97	79-123	7	30
trans-1,2-Dichloroethene	8260C	18.6	20.0	93	19.2	20.0	96	73-118	3	30
trans-1,3-Dichloropropene	8260C	18.6	20.0	93	19.7	20.0	99	71-133	6	30

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FIELD FORMS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-1
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 7.73
Depth to bottom of the well: 16.02
Length of water column in well: 8.29

Volume of water in well casing, gallons: 1.3513
3 Well volumes (= length water column X gal/foot X 3): 4.05
Actual volume purged prior to sampling: 4.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.5	°C								
pH	7.17									
Conductivity	355.45	SPC ms/cm								
Oxygen	4.48	DO mg/L								
Salinity										

Time sample was collected: 7:20

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-2
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 7.3
Depth to bottom of the well: 17.15
Length of water column in well: 9.85

Volume of water in well casing, gallons: 1.61
3 Well volumes (= length water column X gal/foot X 3): 4.82
Actual volume purged prior to sampling: 5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	13.7	°C								
pH	7.08									
Conductivity	203.4	SPC ms/cm								
Oxygen	4.36	DO mg/L								
Salinity										

Time sample was collected: 7:03

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-3
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 7.95
Depth to bottom of the well: 16.30
Length of water column in well: 8.35

Volume of water in well casing, gallons: 1.4
3 Well volumes (= length water column X gal/foot X 3): 4.08
Actual volume purged prior to sampling: 4.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

			Accumulated Volume Purged in Gallons							
Parameter:										
Turbidity	N/A	NTU								
Temperature	18.4	°C								
pH	6.88									
Conductivity	178.8	SPC ms/cm								
Oxygen	2.24	DO mg/L								
Salinity										

Time sample was collected: 6:45

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-4
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 10.3
Depth to bottom of the well: 15.78
Length of water column in well: 5.48

Volume of water in well casing, gallons: 0.8932
3 Well volumes (= length water column X gal/foot X 3): 2.6797
Actual volume purged prior to sampling: 2.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	16	°C								
pH	7.08									
Conductivity	639	SPC ms/cm								
Oxygen	4.46	DO mg/L								
Salinity										

Time sample was collected: 7:38

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-5
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.6
Depth to bottom of the well: 13.95
Length of water column in well: 2.35

Volume of water in well casing, gallons: 0.38
3 Well volumes (= length water column X gal/foot X 3): 1.15
Actual volume purged prior to sampling: 1.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.9	°C								
pH	7.96									
Conductivity	299	SPC ms/cm								
Oxygen	5.6	DO mg/L								
Salinity										

Time sample was collected: 8:19

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-6
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 14.5
Depth to bottom of the well: 22.88
Length of water column in well: 8.38

Volume of water in well casing, gallons: 1.37
3 Well volumes (= length water column X gal/foot X 3): 4.10
Actual volume purged prior to sampling: 4.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

			Accumulated Volume Purged in Gallons							
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.9	°C								
pH	7.9									
Conductivity	336.6	SPC ms/cm								
Oxygen	9.33	DO mg/L								
Salinity										

Time sample was collected: 10:14

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-7
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 14.04
Depth to bottom of the well: 21.8
Length of water column in well: 7.76

Volume of water in well casing, gallons: 1.3
3 Well volumes (= length water column X gal/foot X 3): 3.79
Actual volume purged prior to sampling: 4.00
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.8	°C								
pH	7.43									
Conductivity	367.3	SPC ms/cm								
Oxygen	8.83	DO mg/L								
Salinity										

Time sample was collected: 8:57

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-8
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.15
Depth to bottom of the well: 17.65
Length of water column in well: 6.50

Volume of water in well casing, gallons: 1.06
3 Well volumes (= length water column X gal/foot X 3): 3.179
Actual volume purged prior to sampling: 3.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	16.1	°C								
pH	7.32									
Conductivity	716	SPC ms/cm								
Oxygen	6.51	DO mg/L								
Salinity										

Time sample was collected: 16:30

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-9
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.85
Depth to bottom of the well: 20.96
Length of water column in well: 9.11

Volume of water in well casing, gallons: 1.48
3 Well volumes (= length water column X gal/foot X 3): 4.455
Actual volume purged prior to sampling: 4.50
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.8	°C								
pH	6.68									
Conductivity	606.4	SPC ms/cm								
Oxygen	3.19	DO mg/L								
Salinity										

Time sample was collected: 16:00

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-10
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.9
Depth to bottom of the well: 19.44
Length of water column in well: 10.54

Volume of water in well casing, gallons: 1.7
3 Well volumes (= length water column X gal/foot X 3): 5.16
Actual volume purged prior to sampling: 5.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.5	°C								
pH	8.19									
Conductivity	5.85	SPC ms/cm								
Oxygen	11.73	DO mg/L								
Salinity										

Time sample was collected: 10:40
Duplicate (MW-X) taken from MW-10

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 66 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-11
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.02
Depth to bottom of the well: 15.48
Length of water column in well: 7.46

Volume of water in well casing, gallons: 1.216
3 Well volumes (= length water column X gal/foot X 3): 3.6479
Actual volume purged prior to sampling: 3.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.70	°C								
pH	7.04									
Conductivity	647	SPC ms/cm								
Oxygen	3.02	DO mg/L								
Salinity										

Time sample was collected: 14:15

COMMENTS MX-X from this well

GROUNDWATER SAMPLING WORKSHEET

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ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-12
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.4
Depth to bottom of the well: 17.38
Length of water column in well: 8.98

Volume of water in well casing, gallons: 1.46
3 Well volumes (= length water column X gal/foot X 3): 4.39
Actual volume purged prior to sampling: 4.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.3	°C								
pH	6.96									
Conductivity	503.25	SPC ms/cm								
Oxygen	1.74	DO mg/L								
Salinity										

Time sample was collected: 13:54

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 66 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-13
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.55
Depth to bottom of the well: 17.40
Length of water column in well: 8.85

Volume of water in well casing, gallons: 1.4426
3 Well volumes (= length water column X gal/foot X 3): 4.3277
Actual volume purged prior to sampling: 4.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.5	°C								
pH	6.97									
Conductivity	160.1	SPC ms/cm								
Oxygen	2.04	DO mg/L								
Salinity										

Time sample was collected: 14:06

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel:

GROUNDWATER SAMPLE POINT

Well Number: MW-14
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.3
Depth to bottom of the well: 18.15
Length of water column in well: 6.85

Volume of water in well casing, gallons: 1.12
3 Well volumes (= length water column X gal/foot X 3): 3.35
Actual volume purged prior to sampling: 3.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.5	°C								
pH	7.07									
Conductivity	340.6	SPC ms/cm								
Oxygen	4.85	DO mg/L								
Salinity										

Time sample was collected: 13:11

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-15
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.34
Depth to bottom of the well: 19.80
Length of water column in well: 8.46

Volume of water in well casing, gallons: 1.379
3 Well volumes (= length water column X gal/foot X 3): 4.14
Actual volume purged prior to sampling: 4.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged?
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15	°C								
pH	7.07									
Conductivity	588.2	SPC ms/cm								
Oxygen	3.72	DO mg/L								
Salinity										

Time sample was collected: 12:46

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-16
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 13.64
Depth to bottom of the well: 23.26
Length of water column in well: 9.62

Volume of water in well casing, gallons: 1.5681
3 Well volumes (= length water column X gal/foot X 3): 4.7042
Actual volume purged prior to sampling: 4.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.3	°C								
pH	7.27									
Conductivity	741	SPC ms/cm								
Oxygen	7.2	DO mg/L								
Salinity										

Time sample was collected: 8:40

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-17
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 14
Depth to bottom of the well: 25.18
Length of water column in well: 11.18

Volume of water in well casing, gallons: 1.8223
3 Well volumes (= length water column X gal/foot X 3): 5.467
Actual volume purged prior to sampling: 5.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.8	°C								
pH	7.35									
Conductivity	344.3	SPC ms/cm								
Oxygen	6.53	DO mg/L								
Salinity										

Time sample was collected: 9:50

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-18
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 10.08
Depth to bottom of the well: 25.0
Length of water column in well: 14.9

Volume of water in well casing, gallons: 2.432
3 Well volumes (= length water column X gal/foot X 3): 7.30
Actual volume purged prior to sampling: 7.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged?
Required Analysis:

FIELD PARAMETER MEASUREMENTS

			Accumulated Volume Purged in Gallons							
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.7	°C								
pH	6.87									
Conductivity	10	SPC ms/cm								
Oxygen	9.93	DO mg/L								
Salinity										

Time sample was collected: 11:35

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-19R
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.9
Depth to bottom of the well: 17.67
Length of water column in well: 8.77

Volume of water in well casing, gallons: 1.4
3 Well volumes (= length water column X gal/foot X 3): 4.29
Actual volume purged prior to sampling: 4.33
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	18.8	°C								
pH	7.56									
Conductivity	9.55	SPC ms/cm								
Oxygen	7.99	DO mg/L								
Salinity										

Time sample was collected: 11:11

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-20
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 10.15
Depth to bottom of the well: 14.75
Length of water column in well: 4.6

Volume of water in well casing, gallons: 0.7498
3 Well volumes (= length water column X gal/foot X 3): 2.2494
Actual volume purged prior to sampling: 2.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.1	°C								
pH	6.95									
Conductivity	443.78	SPC ms/cm								
Oxygen	4.83	DO mg/L								
Salinity										

Time sample was collected: 7:57

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: MW-21
Location:
Casing Diameter: 2"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 10.4
Depth to bottom of the well: 15.82
Length of water column in well: 5.42

Volume of water in well casing, gallons: 0.8835
3 Well volumes (= length water column X gal/foot X 3): 2.65
Actual volume purged prior to sampling: 2.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	17.1	°C								
pH	7.38									
Conductivity	842	SPC ms/cm								
Oxygen	8.05	DO mg/L								
Salinity										

Time sample was collected: 12:15

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: DR-1
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 9.05
Depth to bottom of the well: 18.06
Length of water column in well: 9.01

Volume of water in well casing, gallons: 5.8835
3 Well volumes (= length water column X gal/foot X 3): 17.651
Actual volume purged prior to sampling: 17.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

			Accumulated Volume Purged in Gallons							
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.5	°C								
pH	7.08									
Conductivity	640	SPC ms/cm								
Oxygen	2.18	DO mg/L								
Salinity										

Time sample was collected: 14:45

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: DR-2
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 8.65
Depth to bottom of the well: 18.06
Length of water column in well: 9.41

Volume of water in well casing, gallons: 6.1447
3 Well volumes (= length water column X gal/foot X 3): 18.43
Actual volume purged prior to sampling: 18.5
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.9	°C								
pH	7.07									
Conductivity	596.2	SPC ms/cm								
Oxygen	2.69	DO mg/L								
Salinity										

Time sample was collected: 13:42

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: DR-3
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 12.4
Depth to bottom of the well: 20.45
Length of water column in well: 8.05

Volume of water in well casing, gallons: 5.3
3 Well volumes (= length water column X gal/foot X 3): 15.77
Actual volume purged prior to sampling: 16.00
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.9	°C								
pH	6.98									
Conductivity	661	SPC ms/cm								
Oxygen	2.89	DO mg/L								
Salinity										

Time sample was collected: 13:27

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: DR-4
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 12.32
Depth to bottom of the well: 19.69
Length of water column in well: 7.37

Volume of water in well casing, gallons: 4.81
3 Well volumes (= length water column X gal/foot X 3): 14.44
Actual volume purged prior to sampling: 14.5
Sampling Methodology:
Sampling Equipment: Hand bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.8	°C								
pH	7.06									
Conductivity	375.7	SPC ms/cm								
Oxygen	3.15	DO mg/L								
Salinity										

Time sample was collected: 13:02

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: G-1
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 12.6
Depth to bottom of the well: 22.98
Length of water column in well: 10.38

Volume of water in well casing, gallons: 6.7781
3 Well volumes (= length water column X gal/foot X 3): 20.33
Actual volume purged prior to sampling: 20.33
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.6	°C								
pH	7.13									
Conductivity	637	SPC ms/cm								
Oxygen	2.24	DO mg/L								
Salinity										

Time sample was collected: 12:35

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/21/2023
Weather: 61 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: G-2
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 12.49
Depth to bottom of the well: 20.72
Length of water column in well: 8.23

Volume of water in well casing, gallons: 5.3742
3 Well volumes (= length water column X gal/foot X 3): 16.123
Actual volume purged prior to sampling: 16.25
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

			Accumulated Volume Purged in Gallons							
Parameter:										
Turbidity	N/A	NTU								
Temperature	14.9	°C								
pH	7.04									
Conductivity	675	SPC ms/cm								
Oxygen	3.27	DO mg/L								
Salinity										

Time sample was collected: 12:16

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

PROJECT NAME: Gowanda Q3 2023
Project Number: 23006924A
Site Location: Gowanda, New York
Sample Date: 9/22/2023
Weather: 62 Degrees F
Personnel: Justin L. O'Brien

GROUNDWATER SAMPLE POINT

Well Number: G-3
Location:
Casing Diameter: 4"

Well Dia.	Volume/Foot
1" =	0.041 gal/foot
2" =	0.163 gal/foot
4" =	0.653 gal/foot
6" =	1.469 gal/foot
8" =	2.611 gal/foot

Depth to water, below top of casing: 11.13
Depth to bottom of the well: 18.15
Length of water column in well: 7.02

Volume of water in well casing, gallons: 4.58
3 Well volumes (= length water column X gal/foot X 3): 13.75
Actual volume purged prior to sampling: 13.75
Sampling Methodology: Hand bailing
Sampling Equipment: Bailer

Well Recharged? N/A
Required Analysis:

FIELD PARAMETER MEASUREMENTS

	Accumulated Volume Purged in Gallons									
Parameter:										
Turbidity	N/A	NTU								
Temperature	15.6	°C								
pH	7.25									
Conductivity	357.2	SPC ms/cm								
Oxygen	5.93	DO mg/L								
Salinity										

Time sample was collected: 9:21

COMMENTS

CALIBRATION SHEETS

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

1057 East Henrietta Rd.
Rochester NY 14623
Phone: 585-424-2140

Pine Environmental Services, Inc.

Instrument ID 41778
Description YSI Pro Plus
Calibrated 8/28/2023 9:24:39AM

Manufacturer YSI
Model Number 605000
Serial Number/ Lot Number 18D102958
Location Rochester, NY
Department

State Certified
Status Pass
Temp °C 23
Humidity % 51

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	6.90	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.00	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.80	10.00	0.00%	Pass

Group # 2
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.421	1.413	0.00%	Pass

Group # 3
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	232.00	241.00	0.42%	Pass

Group # 4
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	98.00	100.20	0.20%	Pass

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

1057 East Henrietta Rd.
Rochester NY 14623
Phone: 585-424-2140

Pine Environmental Services, Inc.

Instrument ID 41778
Description YSI Pro Plus
Calibrated 8/28/2023 9:24:39AM

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NY, ROC - 1.413, 2GI642	1.413 Conductivity Standard	AquaPhoenix Scientific	31986			9/30/2023
NY, ROC - 240 ORP, 2GL022	240mV ORP Solution	AquaPhoenix Scientific				9/30/2023
NY, ROC - PH10, 2GI302	Buffer Solution pH10	AquaPhoenix Scientific	32034			11/30/2024
NY, ROC - PH4, 2GC933	Buffer Solution pH4	AquaPhoenix Scientific	32017	2gc933		3/30/2024
NY, ROC - PH7, 2GC933	Buffer Solution pH7	AquaPhoenix Scientific	32025			4/30/2024

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Ian Wright

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance